

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090421\  
 Data File : BF125360.D  
 Acq On : 4 Sep 2021 10:07  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:39:34 AM

Quant Time: Sep 06 08:25:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 11:56:34 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	174958	20.000	ng	0.00	
21) Naphthalene-d8	8.187	136	653047	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.939	164	354973	20.000	ng	0.00	
64) Phenanthrene-d10	11.428	188	656112	20.000	ng	0.00	
76) Chrysene-d12	14.069	240	407542	20.000	ng	# 0.00	
86) Perylene-d12	15.557	264	343394	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	803817	69.540	ng	0.00	
7) Phenol-d6	6.534	99	1076928	72.037	ng	0.00	
23) Nitrobenzene-d5	7.469	82	990150	76.332	ng	0.00	
42) 2,4,6-Tribromophenol	10.733	330	335652	94.726	ng	0.00	
45) 2-Fluorobiphenyl	9.257	172	1739873	68.313	ng	0.00	
79) Terphenyl-d14	13.010	244	2058101	80.452	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.693	88	202631	35.526	ng	# 100	Qvalue
3) Pyridine	3.463	79	537434	35.693	ng	# 91	
4) n-Nitrosodimethylamine	3.422	42	249793	33.152	ng	# 32	
6) Aniline	6.563	93	638137	36.340	ng	# 92	
8) 2-Chlorophenol	6.687	128	428899	36.373	ng	80	
9) Benzaldehyde	6.451	77	362354	34.538	ng	92	
10) Phenol	6.545	94	593532	37.912	ng	95	
11) bis(2-Chloroethyl)ether	6.634	93	444375	36.041	ng	84	
12) 1,3-Dichlorobenzene	6.840	146	491416	35.963	ng	99	
13) 1,4-Dichlorobenzene	6.916	146	491589	36.106	ng	97	
14) 1,2-Dichlorobenzene	7.075	146	460809	35.974	ng	98	
15) Benzyl Alcohol	7.040	79	412889	35.871	ng	98	
16) 2,2'-oxybis(1-Chloropr...	7.169	45	825189	33.372	ng	94	
17) 2-Methylphenol	7.151	107	373847	37.741	ng	95	
18) Hexachloroethane	7.410	117	173757	36.444	ng	# 89	
19) n-Nitroso-di-n-propyla...	7.316	70	329131	36.603	ng	# 74	
20) 3+4-Methylphenols	7.304	107	439258	35.327	ng	# 81	
22) Acetophenone	7.310	105	578356	34.412	ng	# 88	
24) Nitrobenzene	7.487	77	519807	36.776	ng	88	
25) Isophorone	7.722	82	936872	37.439	ng	# 89	
26) 2-Nitrophenol	7.798	139	245271	43.458	ng	# 80	
27) 2,4-Dimethylphenol	7.834	122	349082	35.330	ng	90	
28) bis(2-Chloroethoxy)met...	7.928	93	510774	36.864	ng	# 97	
29) 2,4-Dichlorophenol	8.040	162	390969	38.800	ng	94	
30) 1,2,4-Trichlorobenzene	8.122	180	407027	37.042	ng	96	
31) Naphthalene	8.204	128	1202097	35.943	ng	99	
32) Benzoic acid	7.963	122	253554	37.809	ng	# 85	
33) 4-Chloroaniline	8.251	127	502680	38.126	ng	# 90	
34) Hexachlorobutadiene	8.316	225	267257	38.144	ng	99	
35) Caprolactam	8.634	113	122956	47.110	ng	# 63	
36) 4-Chloro-3-methylphenol	8.734	107	427419	41.550	ng	87	
37) 2-Methylnaphthalene	8.898	142	831027	37.602	ng	99	
38) 1-Methylnaphthalene	8.998	142	791805	38.366	ng	94	
40) 1,2,4,5-Tetrachloroben...	9.063	216	418321	36.070	ng	97	
41) Hexachlorocyclopentadiene	9.045	237	200338	32.879	ng	98	
43) 2,4,6-Trichlorophenol	9.175	196	306334	37.513	ng	97	

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 11:56:34 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	326349	37.986	ng	94
46) 1,1'-Biphenyl	9.363	154	990183	34.600	ng	99
47) 2-Chloronaphthalene	9.386	162	815797	35.079	ng	98
48) 2-Nitroaniline	9.486	65	293187	40.670	ng	88
49) Acenaphthylene	9.804	152	1228376	36.247	ng	98
50) Dimethylphthalate	9.663	163	961833	39.100	ng	# 97
51) 2,6-Dinitrotoluene	9.728	165	220691	41.374	ng	96
52) Acenaphthene	9.975	154	797802m	37.975	ng	
53) 3-Nitroaniline	9.898	138	232029	40.337	ng	# 78
54) 2,4-Dinitrophenol	10.004	184	115528	54.832	ng	# 76
55) Dibenzofuran	10.145	168	1102624	36.469	ng	99
56) 4-Nitrophenol	10.057	139	173783	38.151	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	294856	45.674	ng	# 96
58) Fluorene	10.492	166	862233	38.574	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	262660	41.197	ng	# 83
60) Diethylphthalate	10.357	149	942969	39.321	ng	98
61) 4-Chlorophenyl-phenyle...	10.481	204	439799	38.914	ng	# 85
62) 4-Nitroaniline	10.510	138	238787	46.164	ng	# 81
63) Azobenzene	10.639	77	999595	37.161	ng	91
65) 4,6-Dinitro-2-methylph...	10.539	198	174631	50.289	ng	88
66) n-Nitrosodiphenylamine	10.598	169	836956	35.626	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	308569	39.165	ng	92
68) Hexachlorobenzene	11.039	284	326033	40.225	ng	# 79
69) Atrazine	11.128	200	274142	40.665	ng	89
70) Pentachlorophenol	11.233	266	173483	36.657	ng	91
71) Phenanthrene	11.451	178	1297791	35.898	ng	97
72) Anthracene	11.504	178	1318475	37.001	ng	98
73) Carbazole	11.663	167	1190059	36.547	ng	99
74) Di-n-butylphthalate	11.980	149	1485965	38.455	ng	99
75) Fluoranthene	12.639	202	1372874	38.272	ng	97
77) Benzidine	12.763	184	480848	33.783	ng	98
78) Pyrene	12.874	202	1370986	39.217	ng	96
80) Butylbenzylphthalate	13.480	149	579017	42.151	ng	89
81) Benzo(a)anthracene	14.057	228	1089500	37.103	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	330630	36.324	ng	# 98
83) Chrysene	14.098	228	1037531	35.729	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	795628	42.142	ng	# 99
85) Di-n-octyl phthalate	14.651	149	1181902	37.639	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	974778	39.403	ng	# 90
88) Benzo(b)fluoranthene	15.121	252	920726	36.700	ng	# 94
89) Benzo(k)fluoranthene	15.151	252	909436	38.847	ng	99
90) Benzo(a)pyrene	15.498	252	841089	37.954	ng	# 96
91) Dibenzo(a,h)anthracene	17.092	278	829509	38.791	ng	# 93
92) Benzo(g,h,i)perylene	17.533	276	838068	40.646	ng	# 88

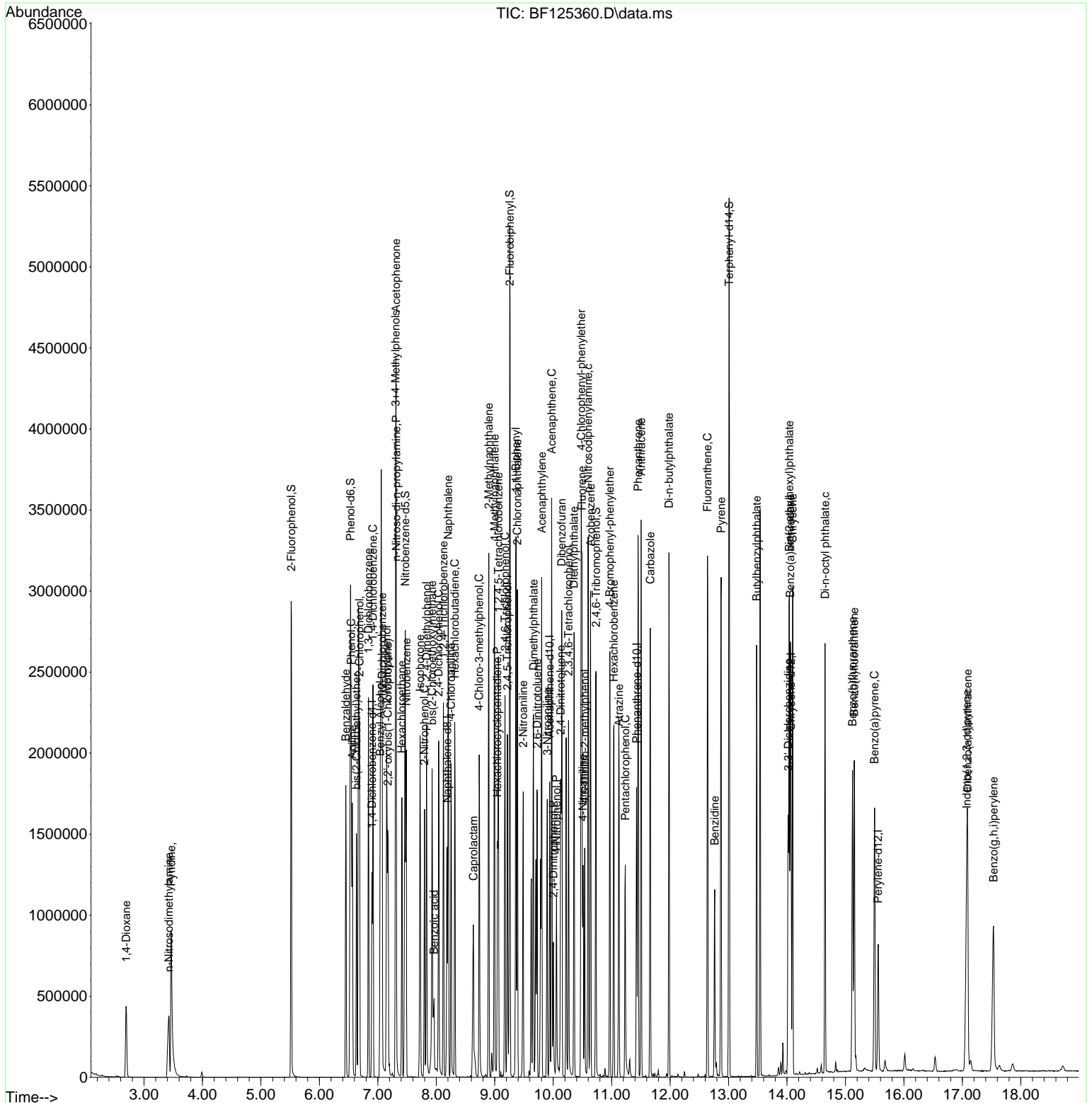
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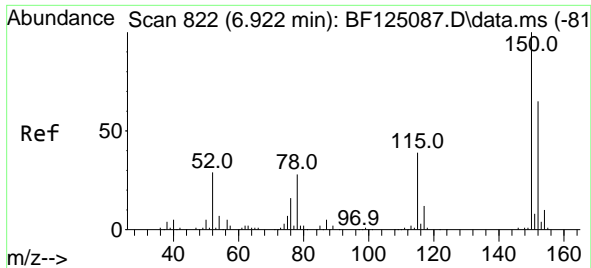
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090421\  
 Data File : BF125360.D  
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 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
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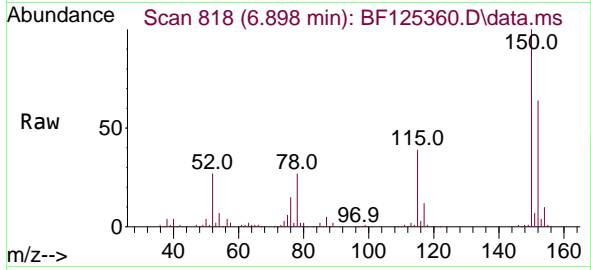
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 818  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

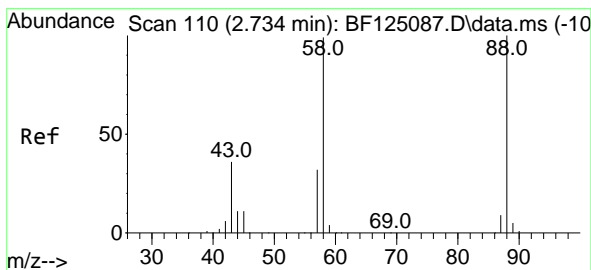
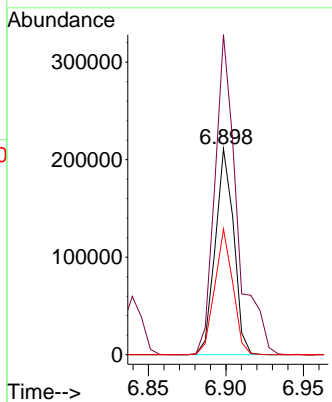
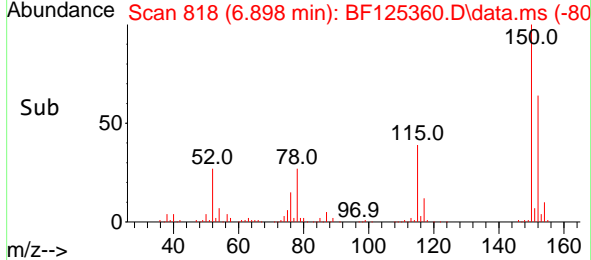
**Instrument :**  
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 SSTDCCC040



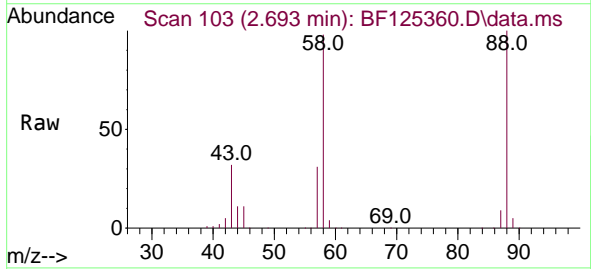
Tgt Ion:152 Resp: 174958  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 117.6 176.4  
 115 61.0 47.1 70.7

**Manual Integrations**  
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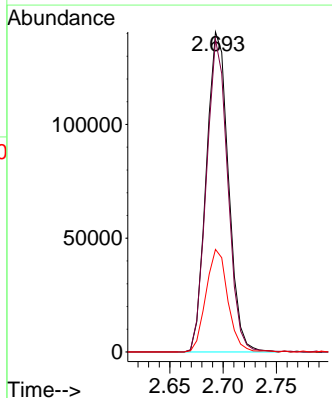
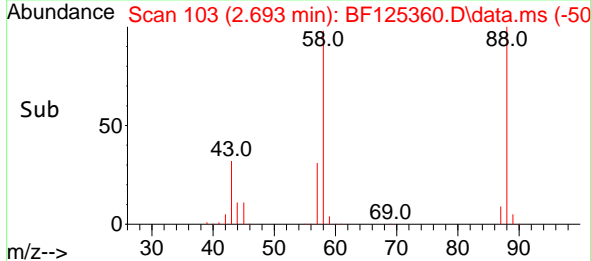
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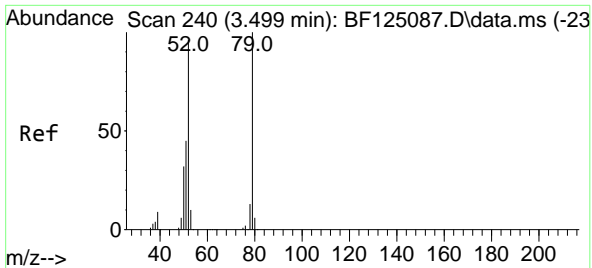


#2  
 1,4-Dioxane  
 Concen: 35.526 ng  
 RT: 2.693 min Scan# 103  
 Delta R.T. 0.012 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



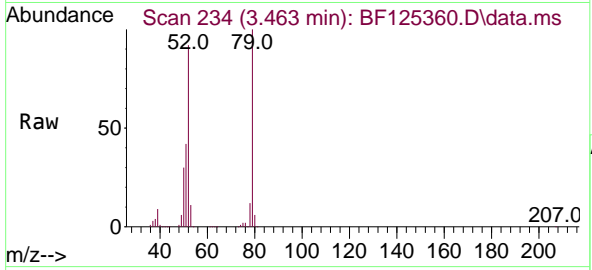
Tgt Ion: 88 Resp: 202631  
 Ion Ratio Lower Upper  
 88 100  
 58 94.4 0.0 0.0#  
 43 31.8 0.0 0.0#





#3  
 Pyridine  
 Concen: 35.693 ng  
 RT: 3.463 min Scan# 234  
 Delta R.T. 0.012 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

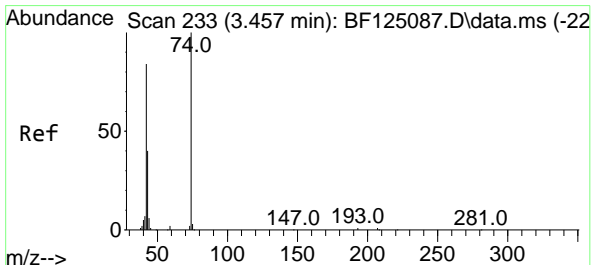
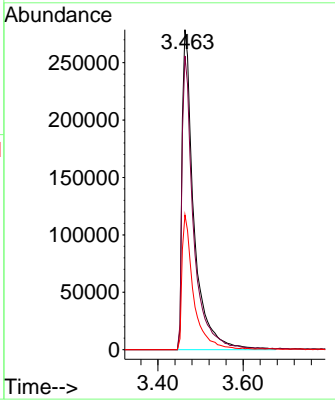
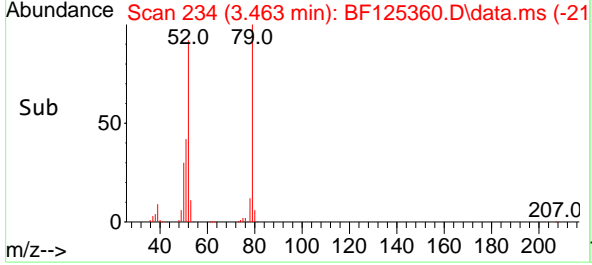


Tgt Ion: 79 Resp: 537434

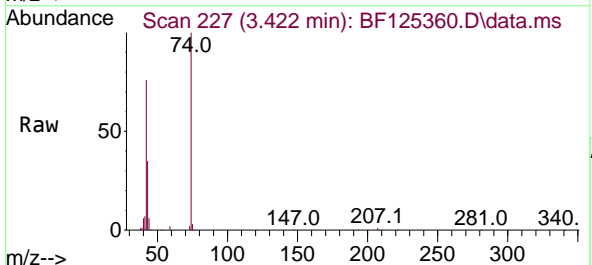
Ion	Ratio	Lower	Upper
79	100		
52	91.8	70.3	105.5
51	42.1	44.1	66.1#

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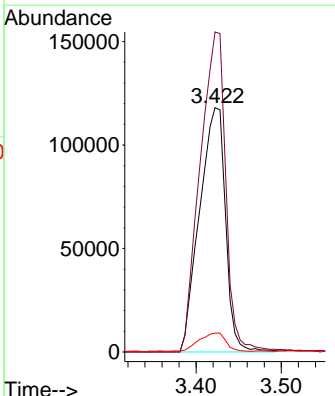
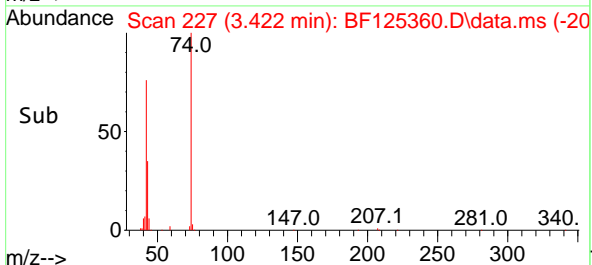


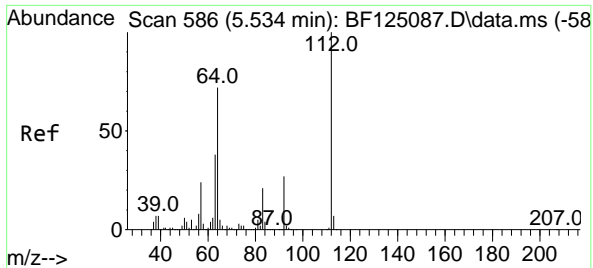
#4  
 n-Nitrosodimethylamine  
 Concen: 33.152 ng  
 RT: 3.422 min Scan# 227  
 Delta R.T. 0.012 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion: 42 Resp: 249793

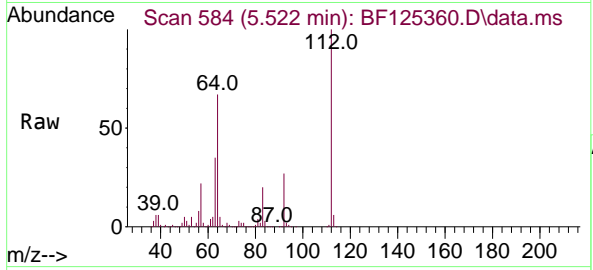
Ion	Ratio	Lower	Upper
42	100		
74	131.0	59.0	88.6#
44	7.7	0.0	0.0#





#5  
 2-Fluorophenol  
 Concen: 69.540 ng  
 RT: 5.522 min Scan# 584  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

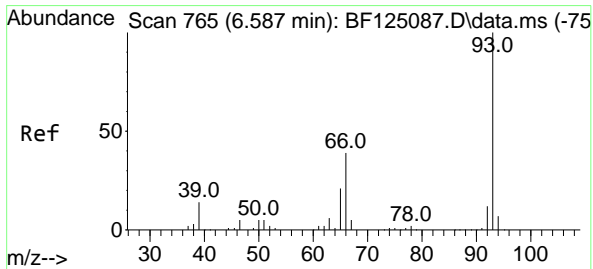
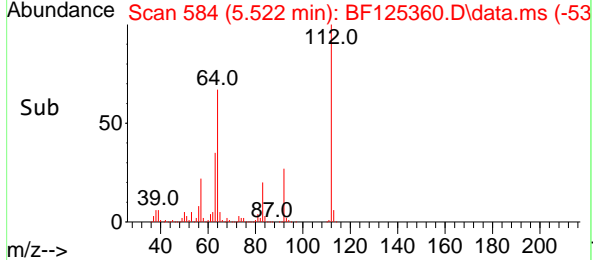
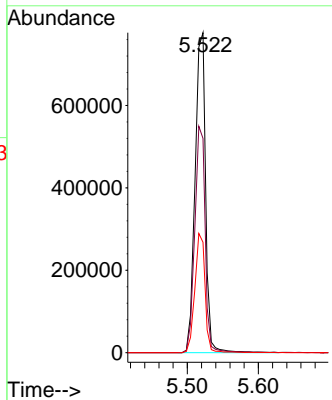
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**ClientSampled :**  
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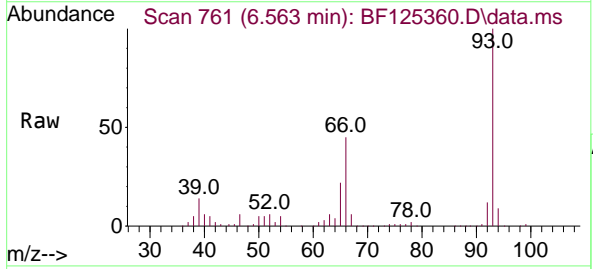
Tgt Ion:112 Resp: 803817  
 Ion Ratio Lower Upper  
 112 100  
 64 67.0 44.2 66.2#  
 63 34.5 26.2 39.2

**Manual Integrations**  
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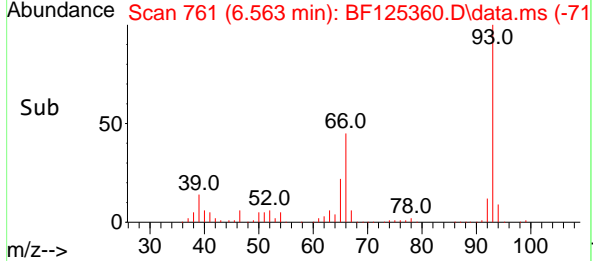
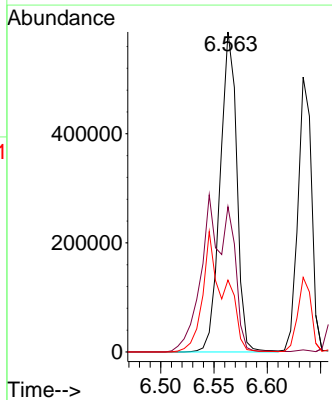
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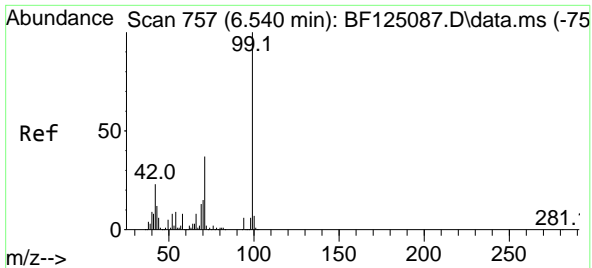


#6  
 Aniline  
 Concen: 36.340 ng  
 RT: 6.563 min Scan# 761  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



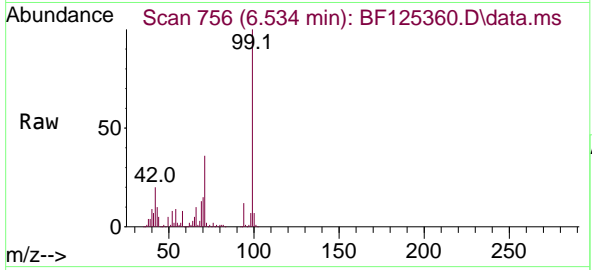
Tgt Ion: 93 Resp: 638137  
 Ion Ratio Lower Upper  
 93 100  
 66 45.4 32.7 49.1  
 65 22.5 14.2 21.4#





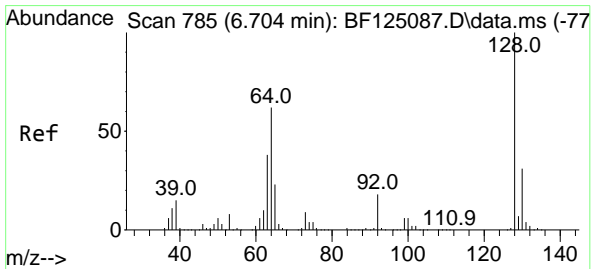
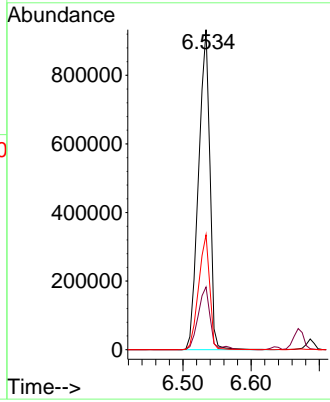
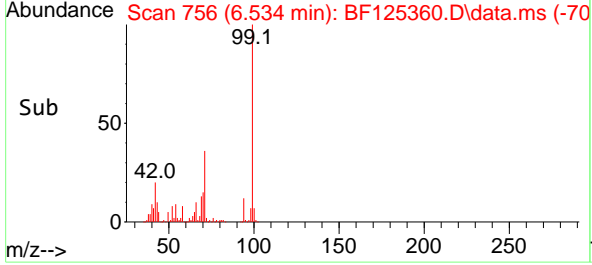
#7  
 Phenol-d6  
 Concen: 72.037 ng  
 RT: 6.534 min Scan# 756  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

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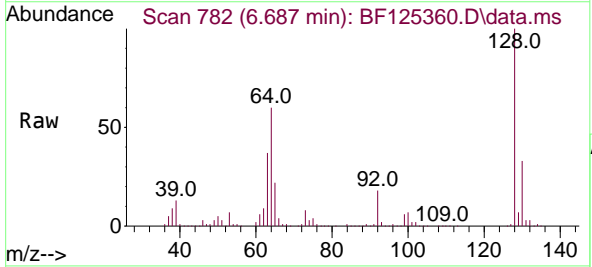


Tgt Ion: 99 Resp: 1076928  
 Ion Ratio Lower Upper  
 99 100  
 42 19.6 23.5 35.3#  
 71 35.9 25.6 38.4

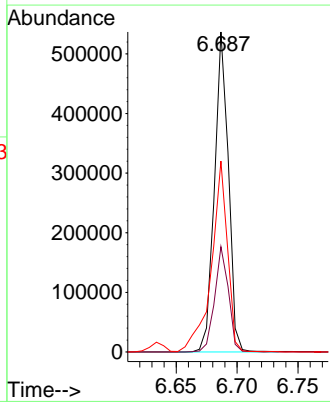
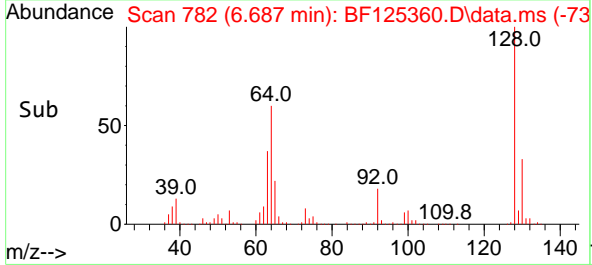
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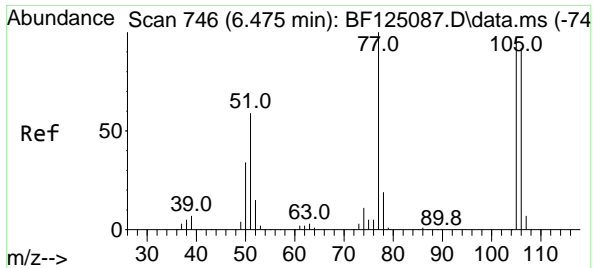


#8  
 2-Chlorophenol  
 Concen: 36.373 ng  
 RT: 6.687 min Scan# 782  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



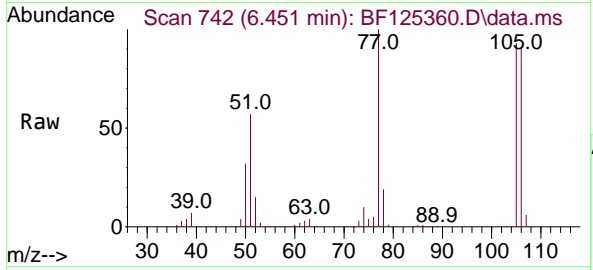
Tgt Ion: 128 Resp: 428899  
 Ion Ratio Lower Upper  
 128 100  
 130 32.9 10.5 50.5  
 64 59.7 20.3 60.3





#9  
 Benzaldehyde  
 Concen: 34.538 ng  
 RT: 6.451 min Scan# 742  
 Delta R.T. 0.000 min  
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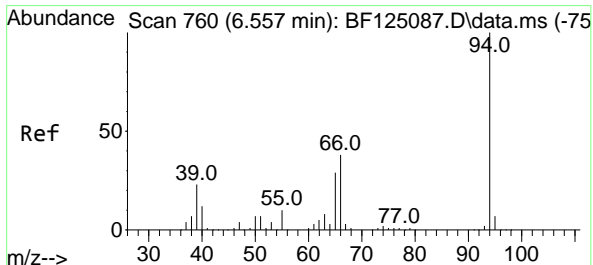
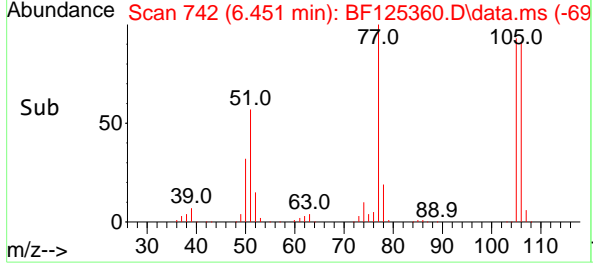
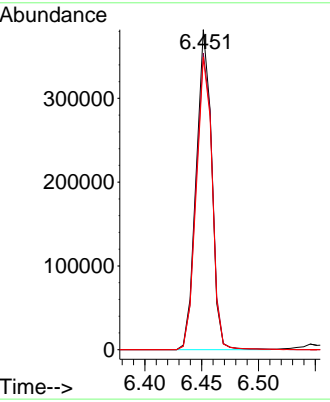


Tgt Ion: 77 Resp: 362354

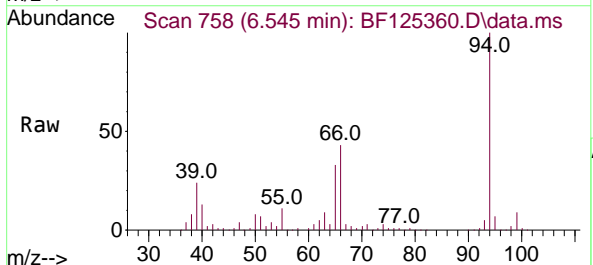
Ion	Ratio	Lower	Upper
77	100		
105	92.7	75.9	115.9
106	91.3	84.0	124.0

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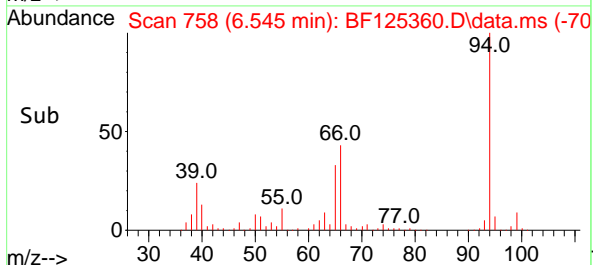
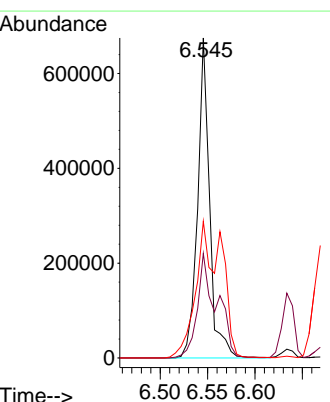


#10  
 Phenol  
 Concen: 37.912 ng  
 RT: 6.545 min Scan# 758  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

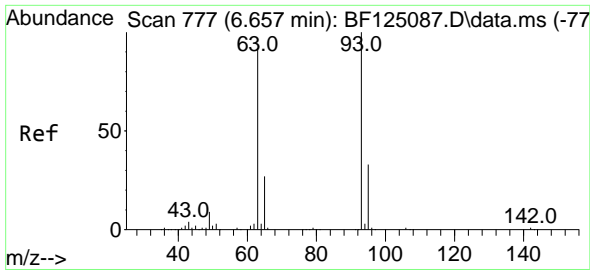


Tgt Ion: 94 Resp: 593532

Ion	Ratio	Lower	Upper
94	100		
65	32.7	9.3	49.3
66	42.7	20.3	60.3

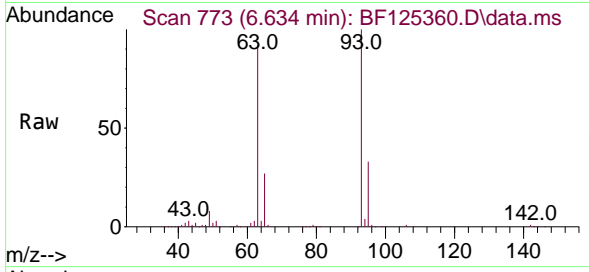






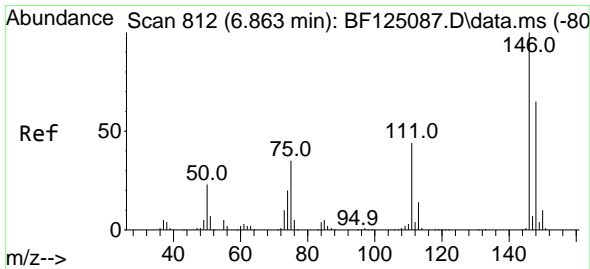
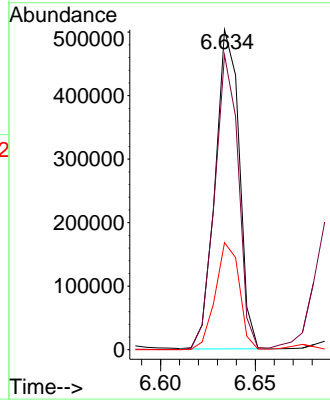
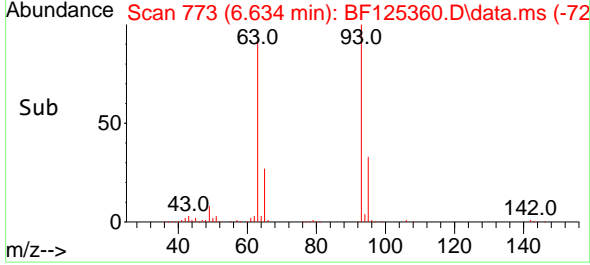
#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.041 ng  
 RT: 6.634 min Scan# 773  
 Delta R.T. -0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

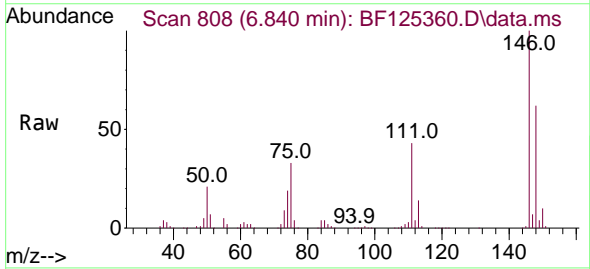


Tgt Ion: 93 Resp: 444375  
 Ion Ratio Lower Upper  
 93 100  
 63 92.1 54.4 94.4  
 95 33.5 11.4 51.4

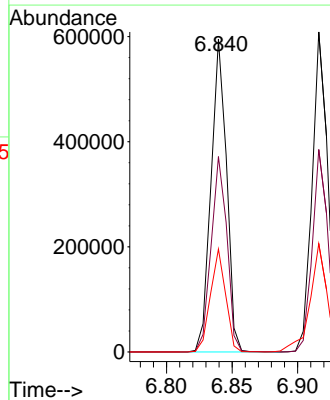
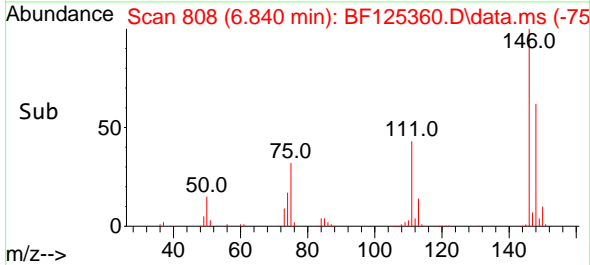
**Manual Integrations**  
**APPROVED**  
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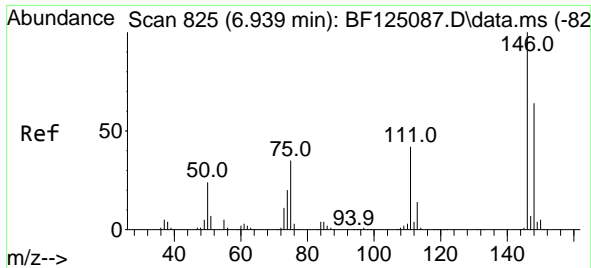


#12  
 1,3-Dichlorobenzene  
 Concen: 35.963 ng  
 RT: 6.840 min Scan# 808  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



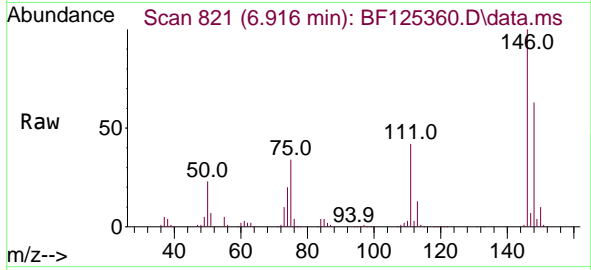
Tgt Ion: 146 Resp: 491416  
 Ion Ratio Lower Upper  
 146 100  
 148 62.4 49.7 74.5  
 75 32.9 25.2 37.8





#13  
 1,4-Dichlorobenzene  
 Concen: 36.106 ng  
 RT: 6.916 min Scan# 821  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

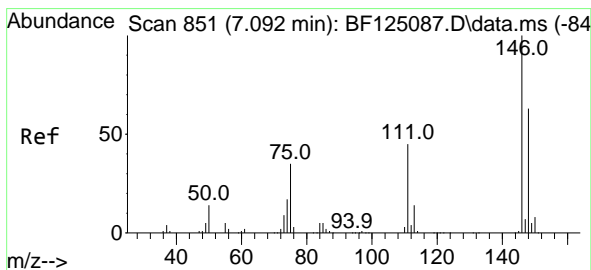
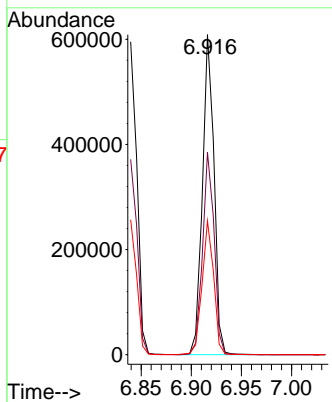
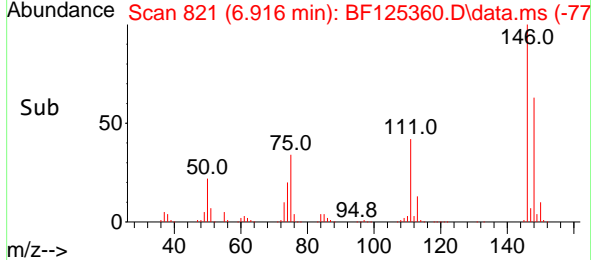
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



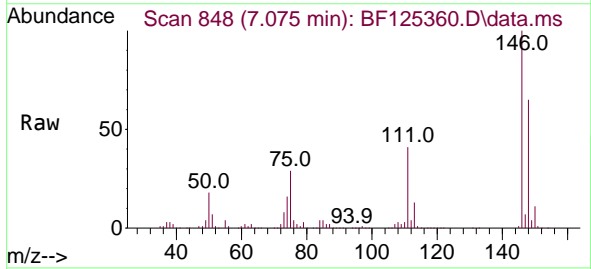
Tgt Ion:146 Resp: 491589  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.9 77.9  
 111 41.8 31.8 47.6

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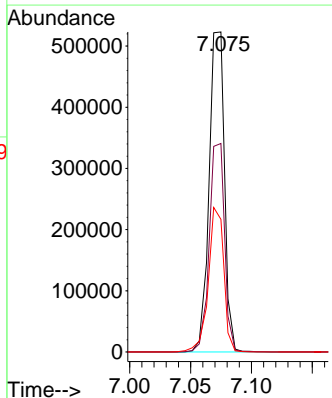
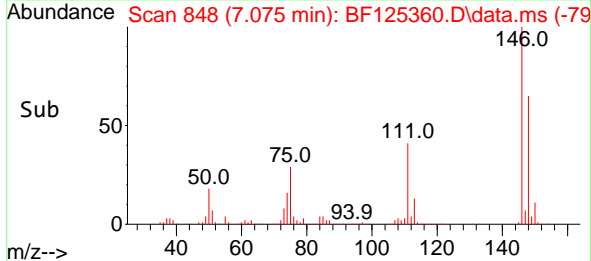
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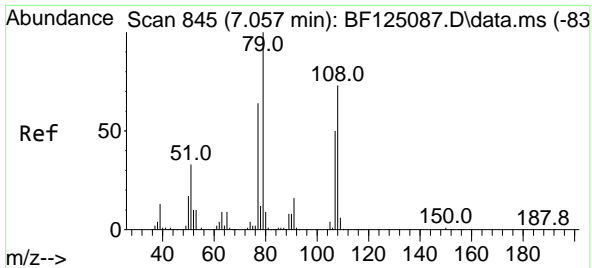


#14  
 1,2-Dichlorobenzene  
 Concen: 35.974 ng  
 RT: 7.075 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



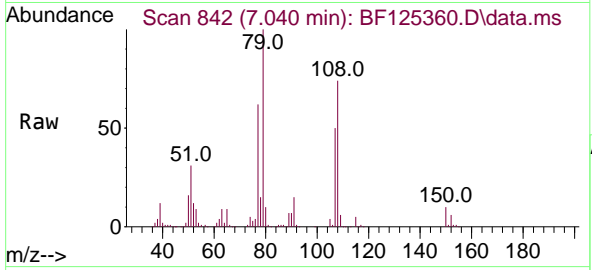
Tgt Ion:146 Resp: 460809  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.6 75.8  
 111 41.5 33.5 50.3





#15  
 Benzyl Alcohol  
 Concen: 35.871 ng  
 RT: 7.040 min Scan# 842  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

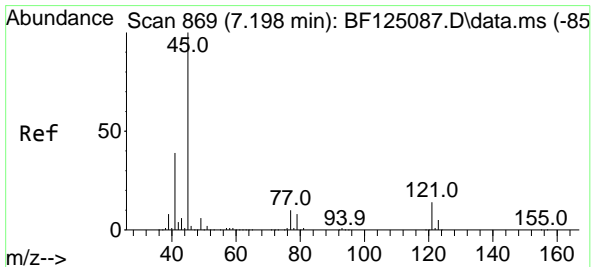
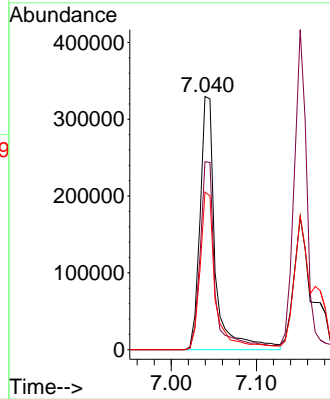
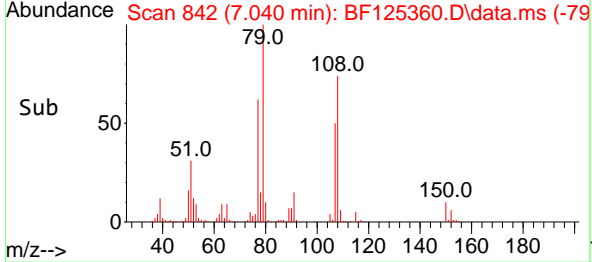
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



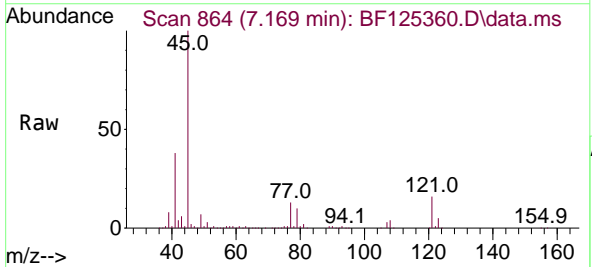
Tgt Ion: 79 Resp: 412889  
 Ion Ratio Lower Upper  
 79 100  
 108 74.3 60.4 90.6  
 77 62.3 51.5 77.3

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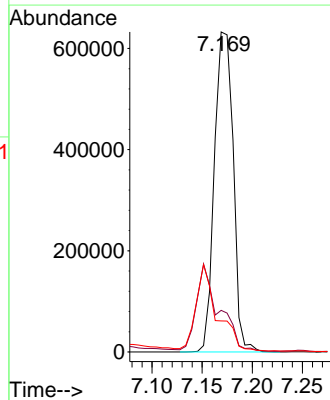
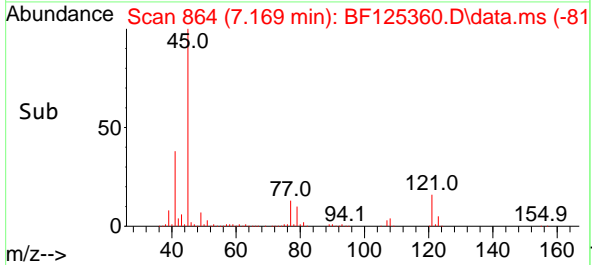
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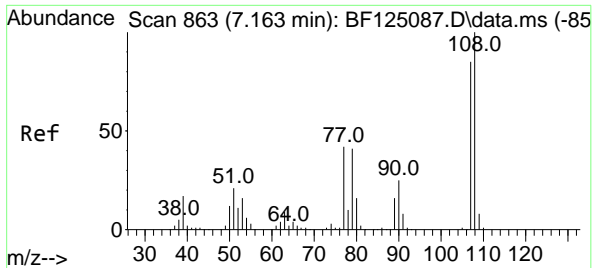


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 33.372 ng  
 RT: 7.169 min Scan# 864  
 Delta R.T. -0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



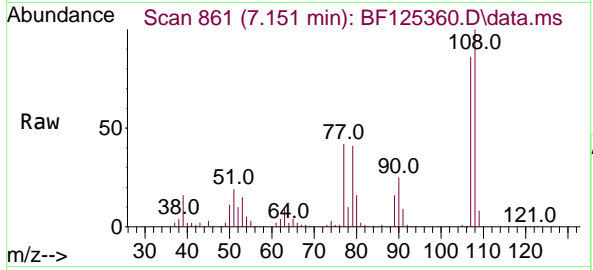
Tgt Ion: 45 Resp: 825189  
 Ion Ratio Lower Upper  
 45 100  
 77 13.0 0.0 30.6  
 79 9.7 0.0 27.5





#17  
 2-Methylphenol  
 Concen: 37.741 ng  
 RT: 7.151 min Scan# 861  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

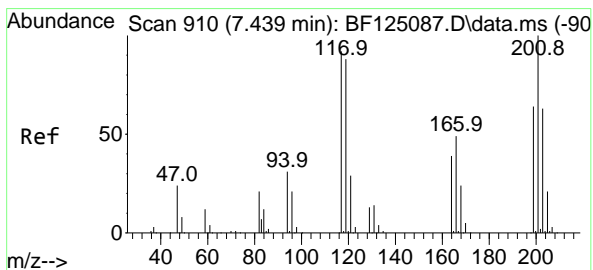
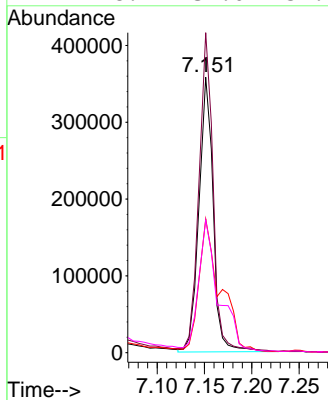
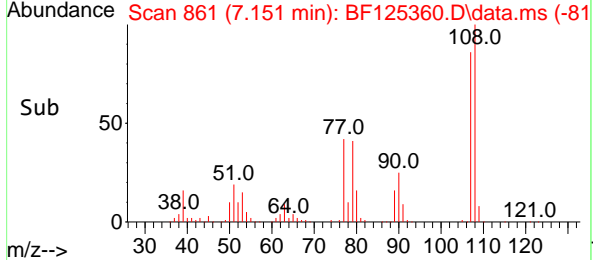


Tgt Ion:107 Resp: 373847

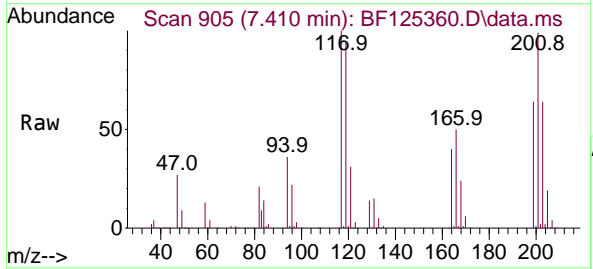
Ion	Ratio	Lower	Upper
107	100		
108	116.1	90.6	135.8
77	48.5	35.7	53.5
79	48.1	34.0	51.0

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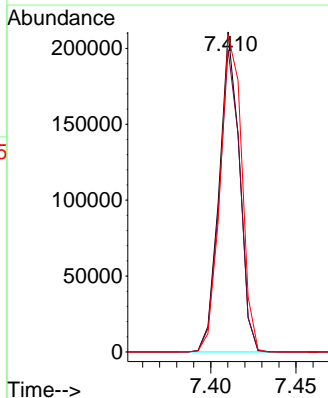
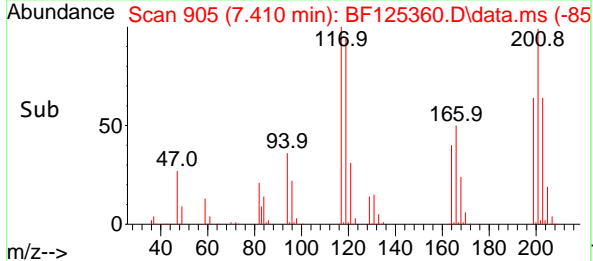


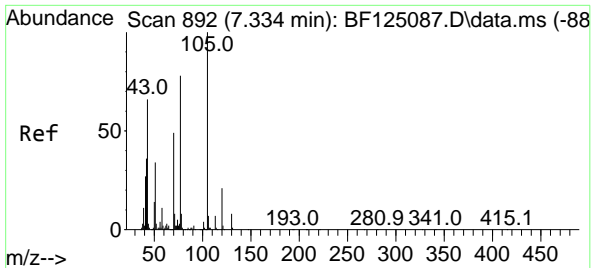
#18  
 Hexachloroethane  
 Concen: 36.444 ng  
 RT: 7.410 min Scan# 905  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:117 Resp: 173757

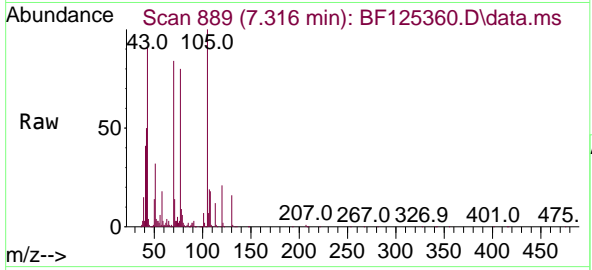
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.2
201	99.1	64.9	97.3#





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 36.603 ng  
 RT: 7.316 min Scan# 889  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

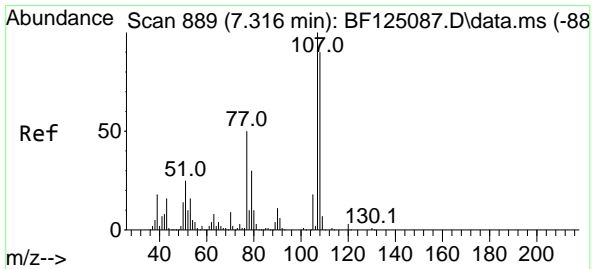
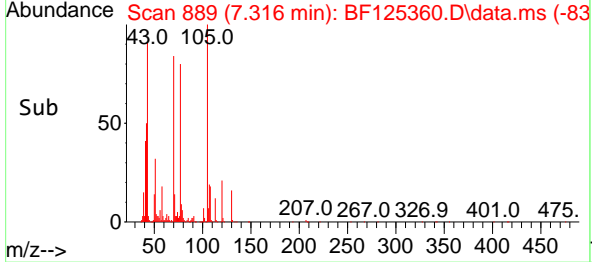
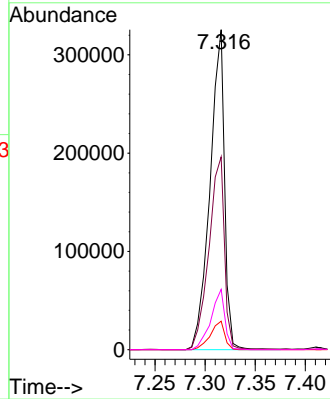
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



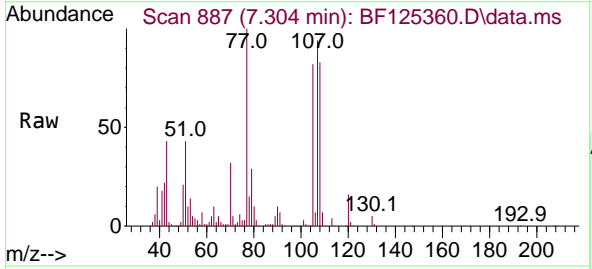
Tgt Ion	Resp	Lower	Upper
70	329131		
70	100		
42	60.2	72.2	108.2#
101	8.9	7.8	11.8
130	18.8	21.8	32.6#

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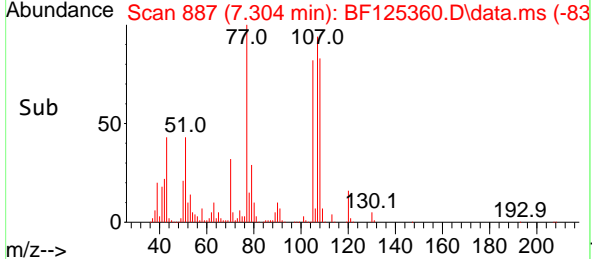
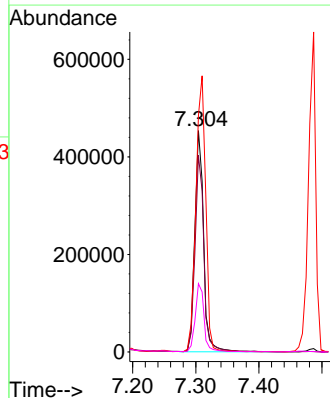
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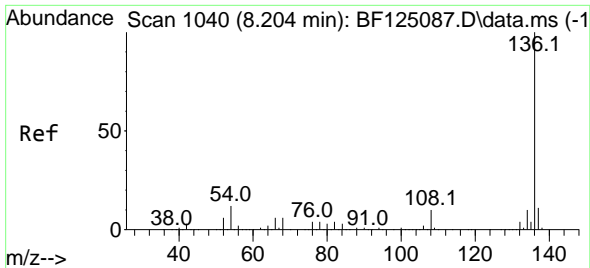


#20  
 3+4-Methylphenols  
 Concen: 35.327 ng  
 RT: 7.304 min Scan# 887  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



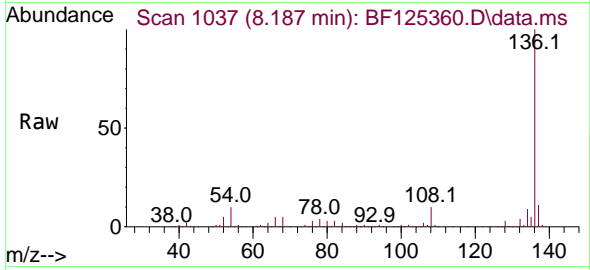
Tgt Ion	Resp	Lower	Upper
107	439258		
107	100		
108	88.8	76.6	116.6
77	106.8	53.3	93.3#
79	30.9	8.7	48.7





#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.187 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

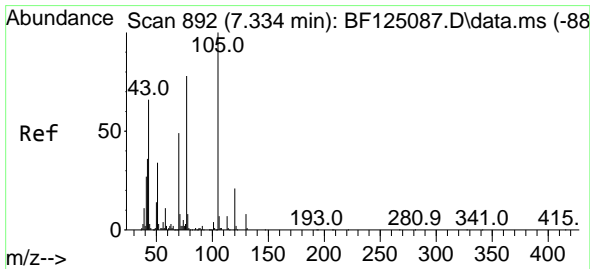
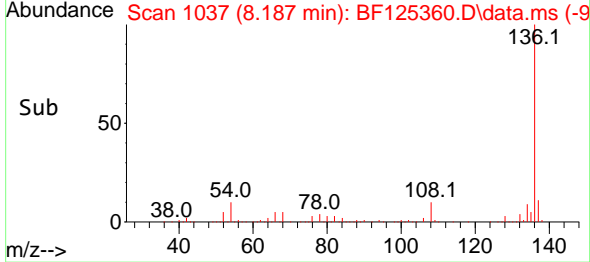
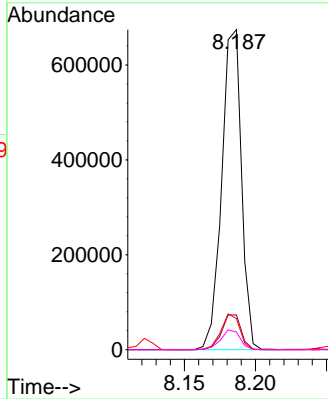


Tgt Ion:136 Resp: 653047

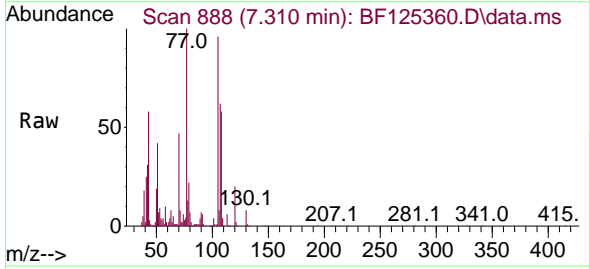
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.7	6.4	9.6#
68	5.5	3.3	4.9#

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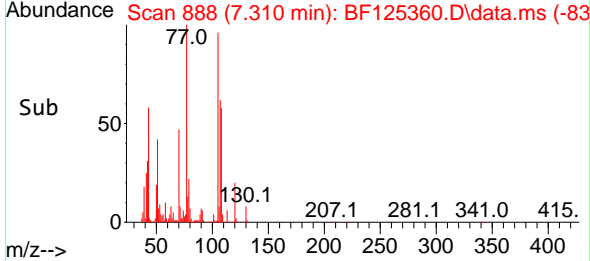
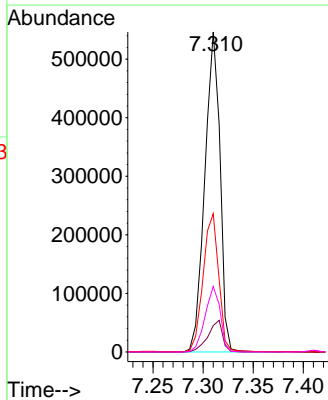


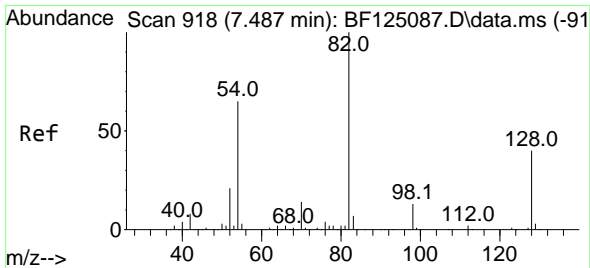
#22  
 Acetophenone  
 Concen: 34.412 ng  
 RT: 7.310 min Scan# 888  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:105 Resp: 578356

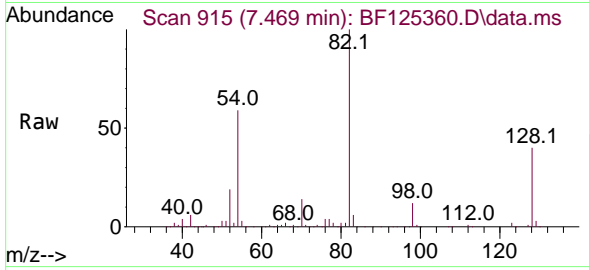
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.5	8.3
51	43.2	26.0	39.0#
120	20.4	18.5	27.7





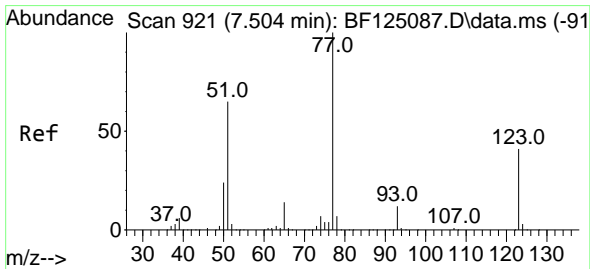
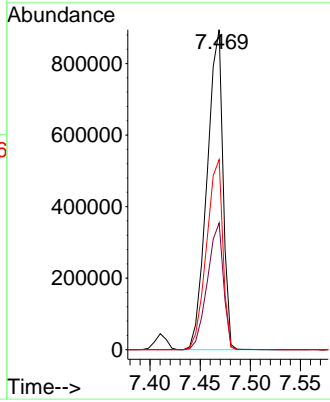
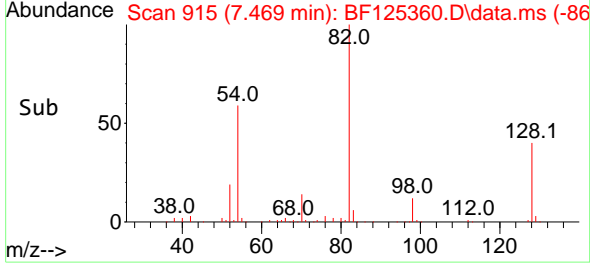
#23  
 Nitrobenzene-d5  
 Concen: 76.332 ng  
 RT: 7.469 min Scan# 915  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

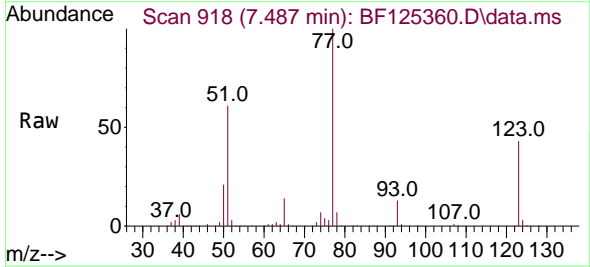


Tgt Ion: 82 Resp: 990150  
 Ion Ratio Lower Upper  
 82 100  
 128 39.6 40.6 60.8#  
 54 59.4 49.6 74.4

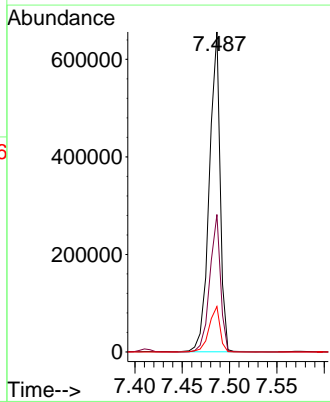
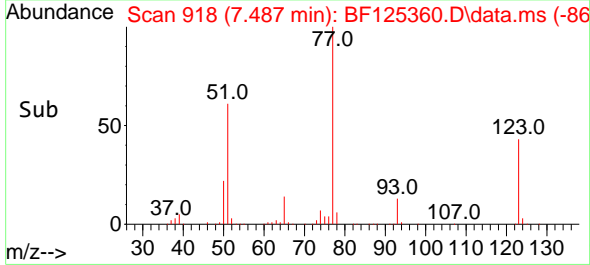
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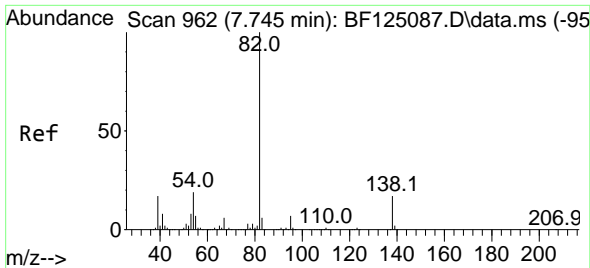


#24  
 Nitrobenzene  
 Concen: 36.776 ng  
 RT: 7.487 min Scan# 918  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



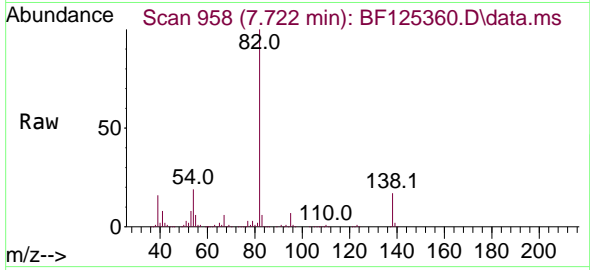
Tgt Ion: 77 Resp: 519807  
 Ion Ratio Lower Upper  
 77 100  
 123 42.9 42.3 63.5  
 65 14.2 12.4 18.6





#25  
 Isophorone  
 Concen: 37.439 ng  
 RT: 7.722 min Scan# 958  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

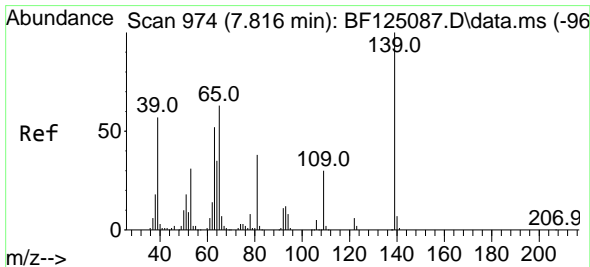
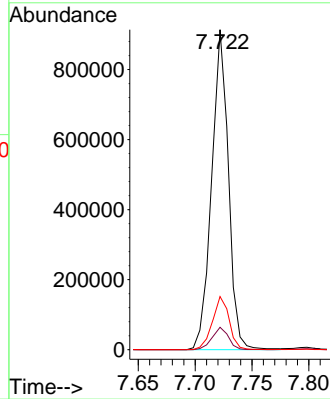
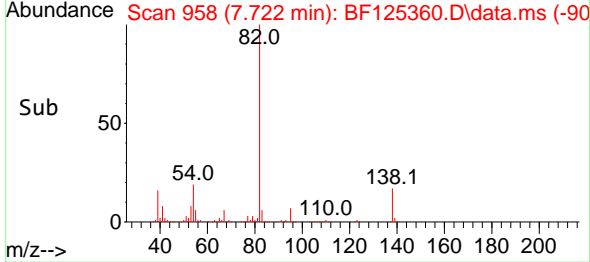
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



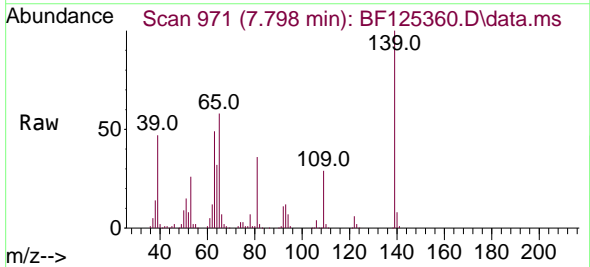
Tgt Ion: 82 Resp: 936872  
 Ion Ratio Lower Upper  
 82 100  
 95 7.0 6.5 9.7  
 138 16.6 18.4 27.6#

Manual Integrations  
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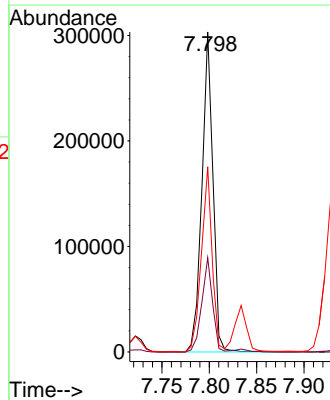
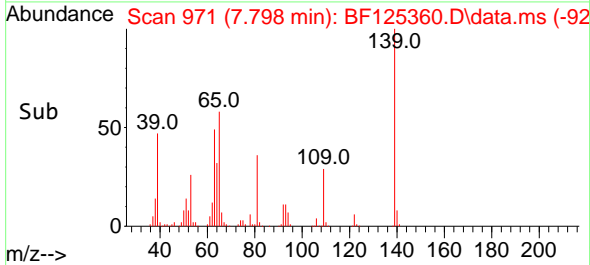
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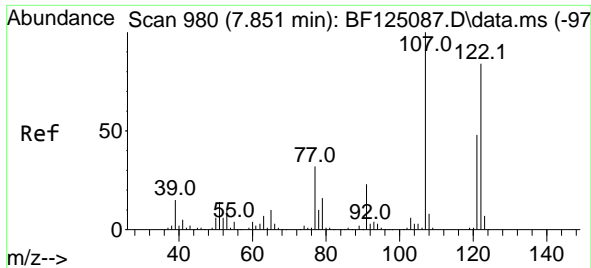
#26  
 2-Nitrophenol  
 Concen: 43.458 ng  
 RT: 7.798 min Scan# 971  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion: 139 Resp: 245271  
 Ion Ratio Lower Upper  
 139 100  
 109 29.4 26.0 39.0  
 65 57.9 31.0 46.4#

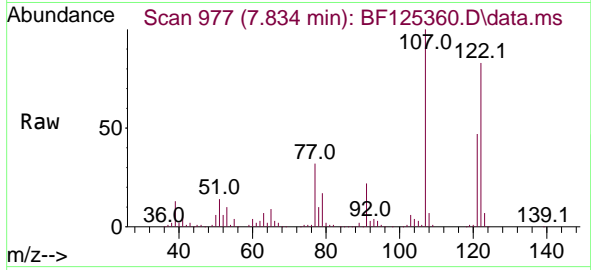






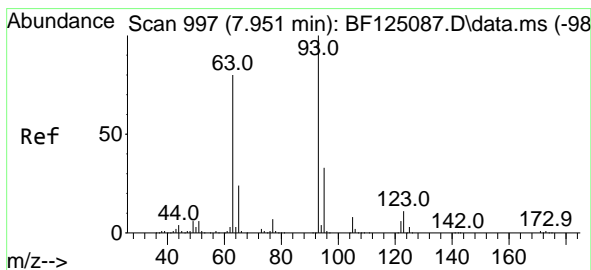
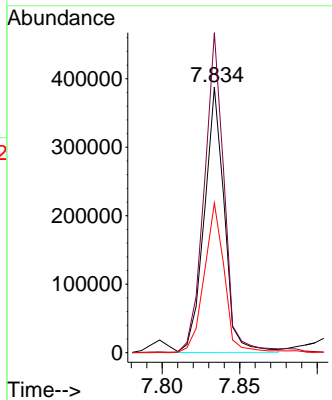
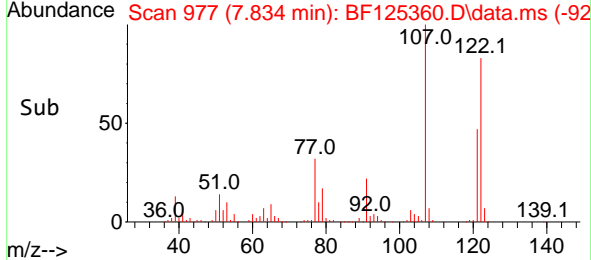
#27  
 2,4-Dimethylphenol  
 Concen: 35.330 ng  
 RT: 7.834 min Scan# 977  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

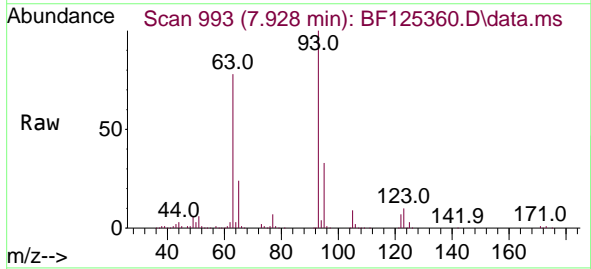


Tgt Ion:122 Resp: 349082  
 Ion Ratio Lower Upper  
 122 100  
 107 120.5 85.0 127.6  
 121 56.4 43.3 64.9

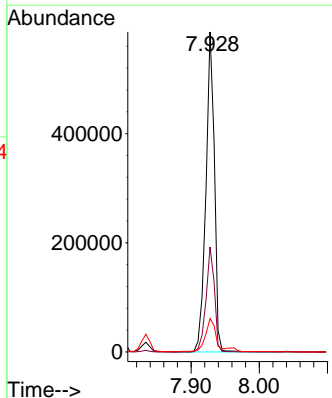
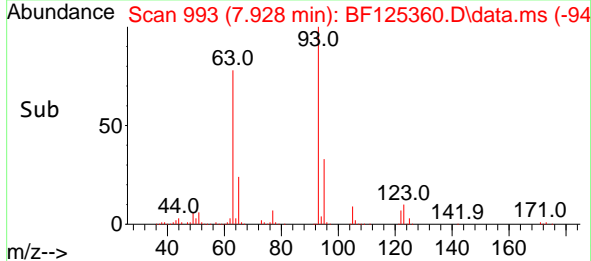
**Manual Integrations**  
**APPROVED**  
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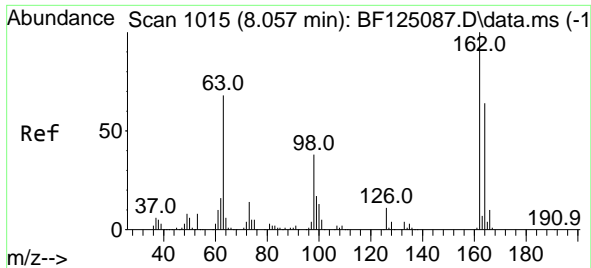


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.864 ng  
 RT: 7.928 min Scan# 993  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



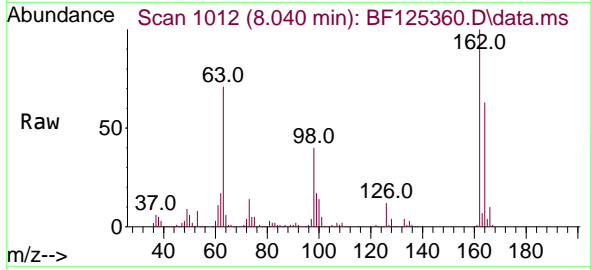
Tgt Ion: 93 Resp: 510774  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 26.1 39.1  
 123 10.5 11.7 17.5#





#29  
 2,4-Dichlorophenol  
 Concen: 38.800 ng  
 RT: 8.040 min Scan# 1012  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

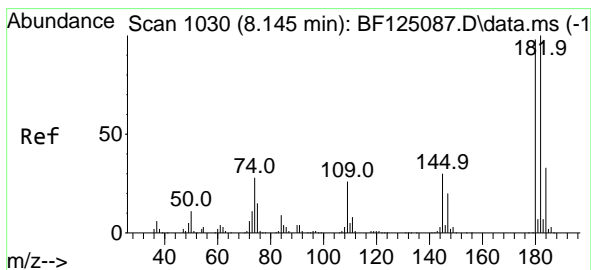
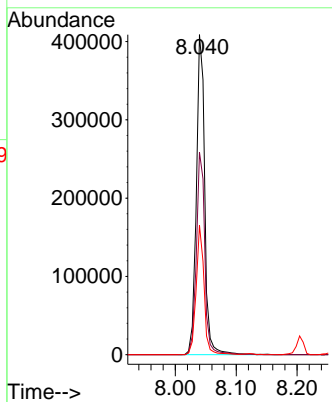
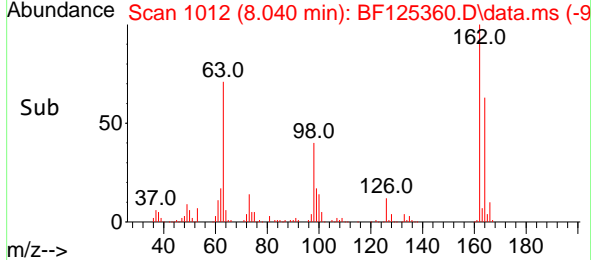
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



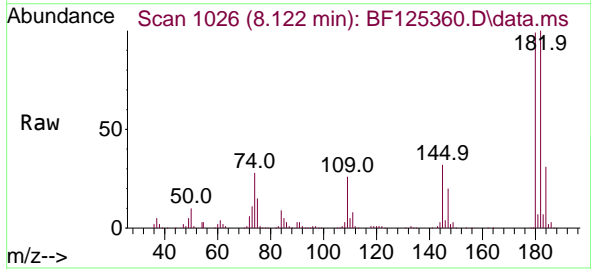
Tgt Ion:162 Resp: 390969  
 Ion Ratio Lower Upper  
 162 100  
 164 63.2 44.5 84.5  
 98 40.4 13.0 53.0

**Manual Integrations**  
**APPROVED**

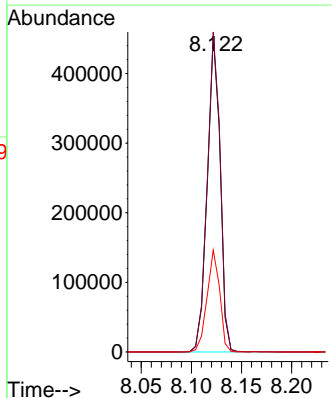
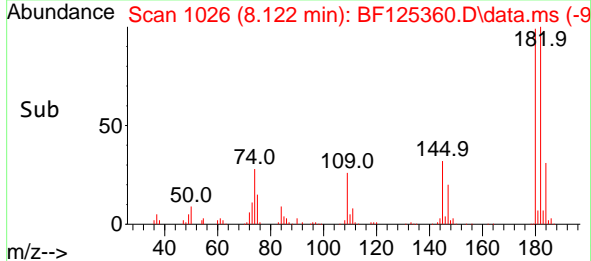
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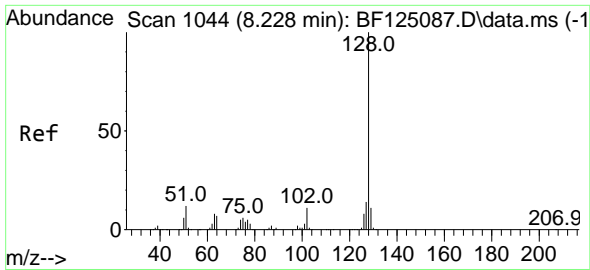


#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.042 ng  
 RT: 8.122 min Scan# 1026  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



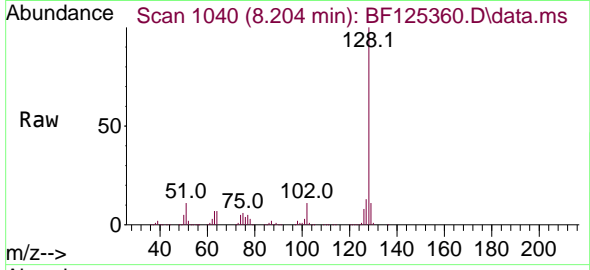
Tgt Ion:180 Resp: 407027  
 Ion Ratio Lower Upper  
 180 100  
 182 101.2 76.8 115.2  
 145 32.2 26.7 40.1





#31  
 Naphthalene  
 Concen: 35.943 ng  
 RT: 8.204 min Scan# 1040  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

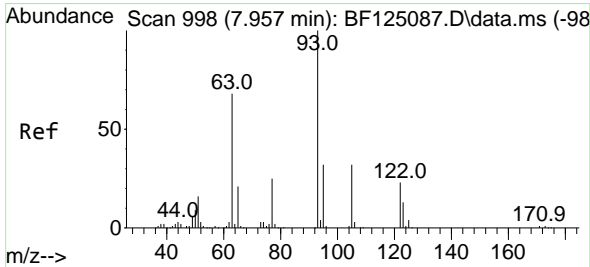
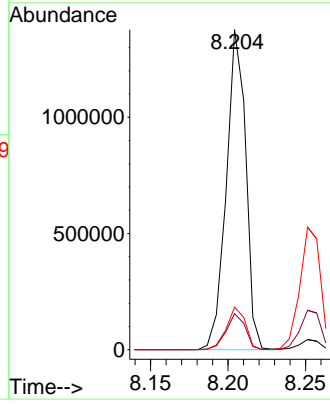
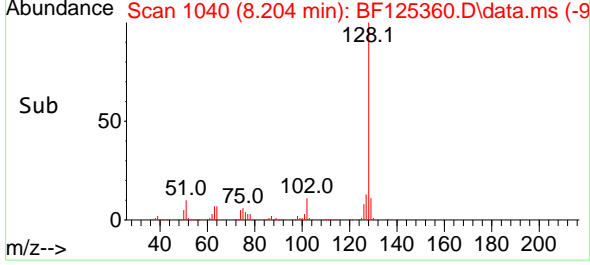
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



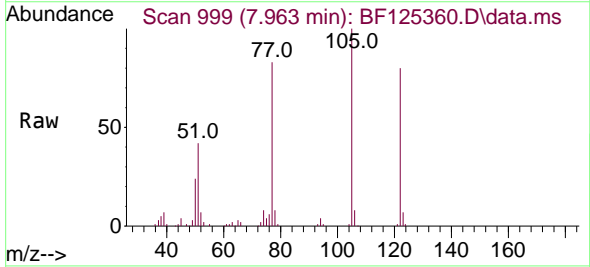
Tgt Ion:128 Resp: 1202097  
 Ion Ratio Lower Upper  
 128 100  
 129 11.3 9.4 14.0  
 127 13.3 10.9 16.3

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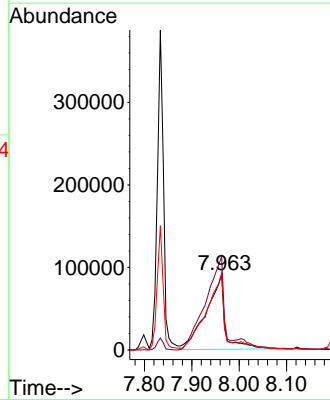
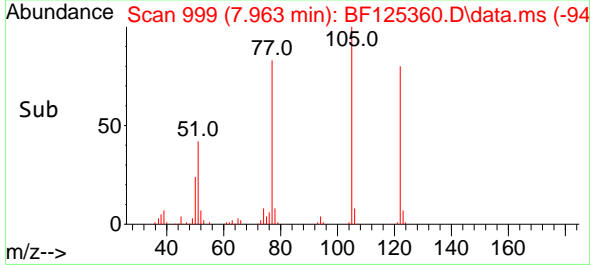
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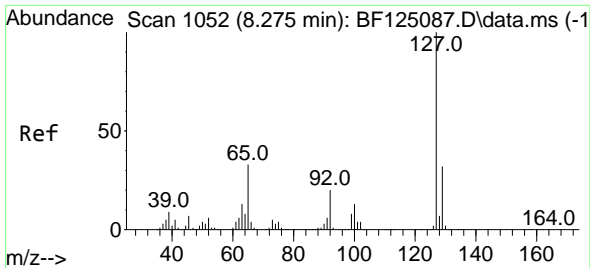


#32  
 Benzoic acid  
 Concen: 37.809 ng  
 RT: 7.963 min Scan# 999  
 Delta R.T. 0.012 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



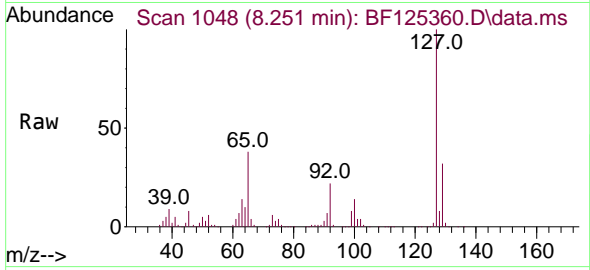
Tgt Ion:122 Resp: 253554  
 Ion Ratio Lower Upper  
 122 100  
 105 124.6 97.6 137.6  
 77 103.0 59.6 99.6#





#33  
 4-Chloroaniline  
 Concen: 38.126 ng  
 RT: 8.251 min Scan# 1048  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

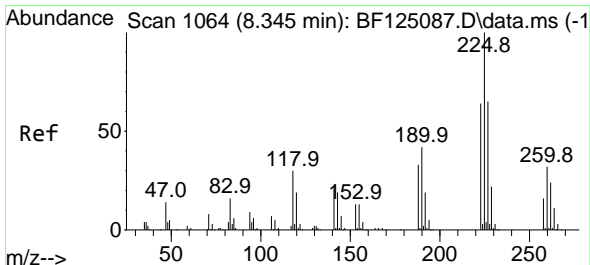
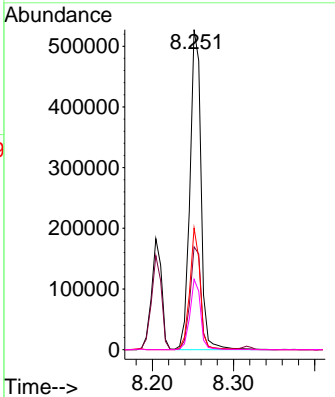
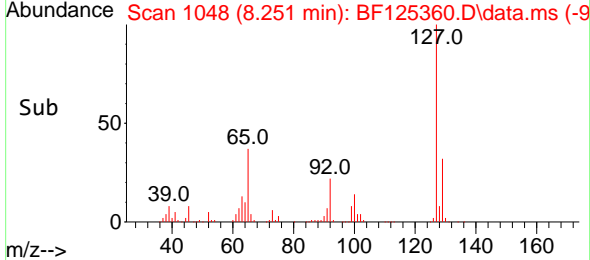


Tgt Ion:127 Resp: 502680

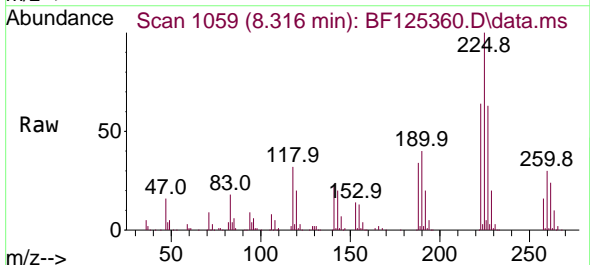
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	38.0	21.2	31.8#
92	22.0	14.0	21.0#

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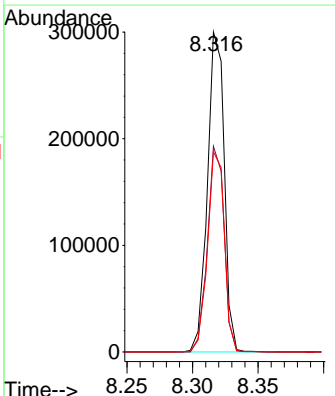
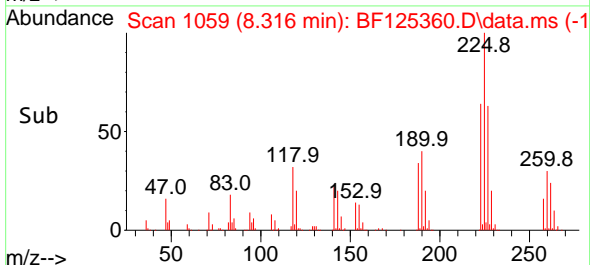


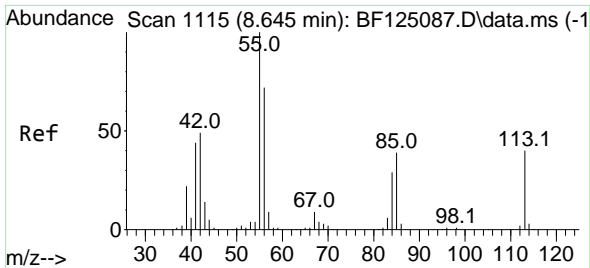
#34  
 Hexachlorobutadiene  
 Concen: 38.144 ng  
 RT: 8.316 min Scan# 1059  
 Delta R.T. -0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:225 Resp: 267257

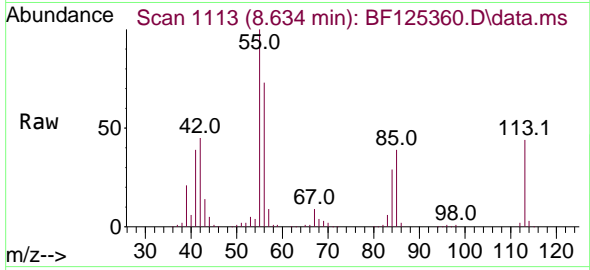
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	62.6	50.6	75.8





#35  
 Caprolactam  
 Concen: 47.110 ng  
 RT: 8.634 min Scan# 1113  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

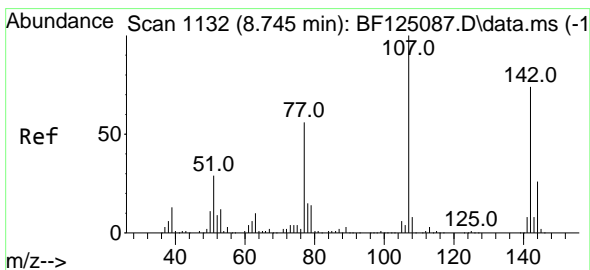
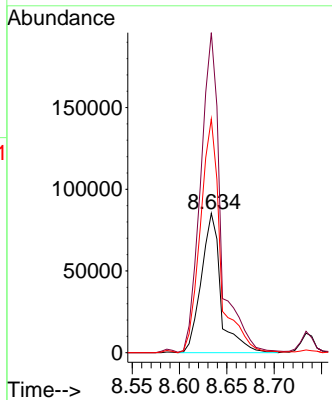
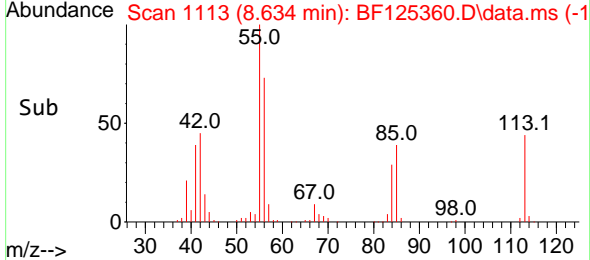
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



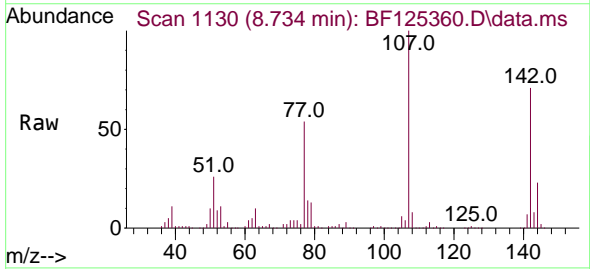
Tgt Ion:113 Resp: 122956  
 Ion Ratio Lower Upper  
 113 100  
 55 229.7 154.1 194.1#  
 56 167.8 108.7 148.7#

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**APPROVED**

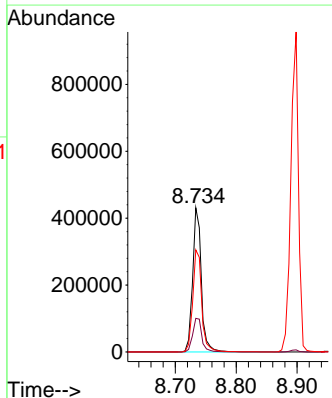
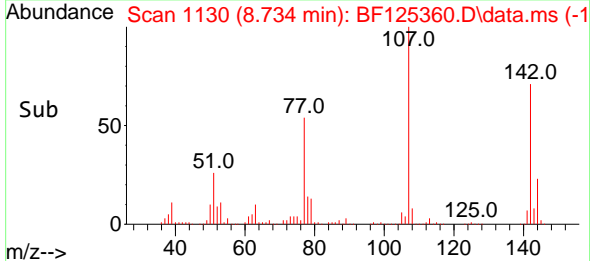
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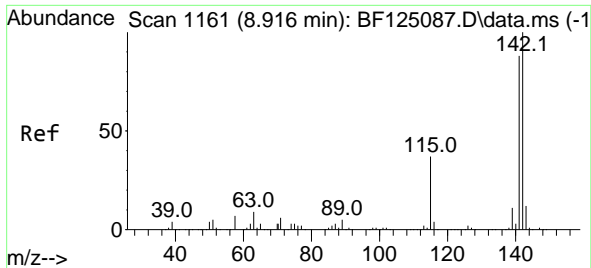


#36  
 4-Chloro-3-methylphenol  
 Concen: 41.550 ng  
 RT: 8.734 min Scan# 1130  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



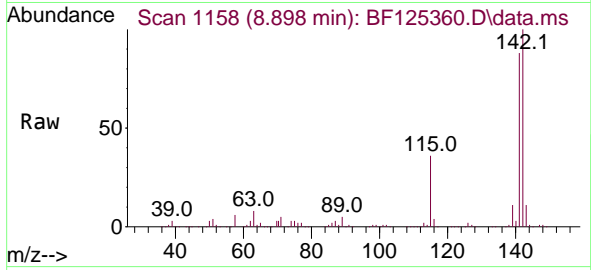
Tgt Ion:107 Resp: 427419  
 Ion Ratio Lower Upper  
 107 100  
 144 23.3 21.9 32.9  
 142 70.8 67.1 100.7





#37  
 2-Methylnaphthalene  
 Concen: 37.602 ng  
 RT: 8.898 min Scan# 1158  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

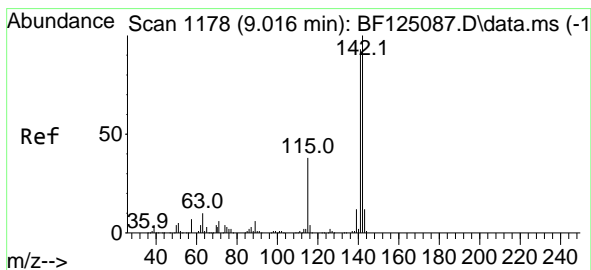
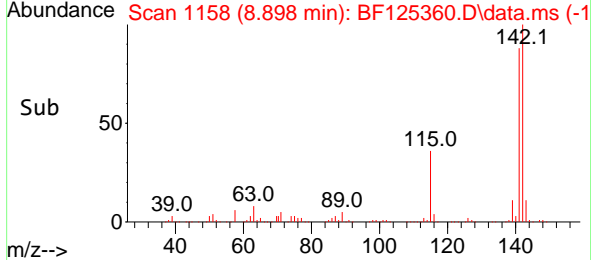
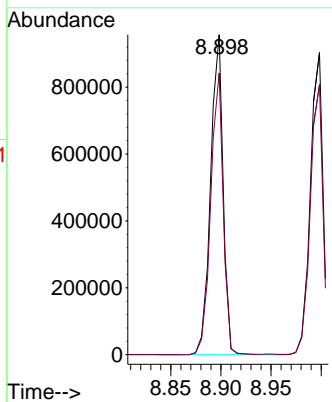
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



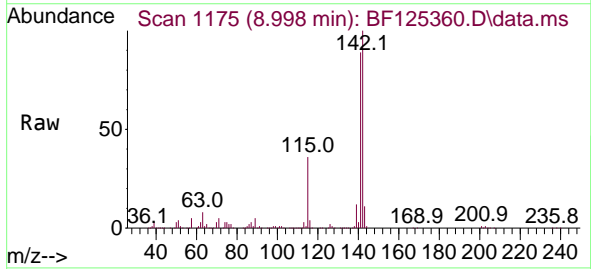
Tgt Ion:142 Resp: 831027  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 71.2 106.8

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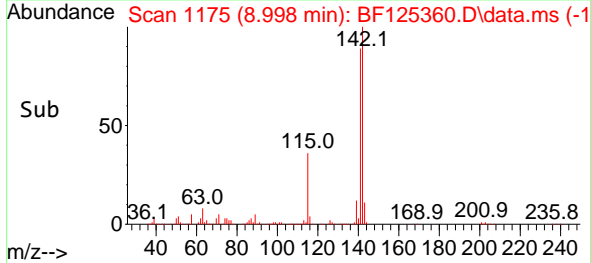
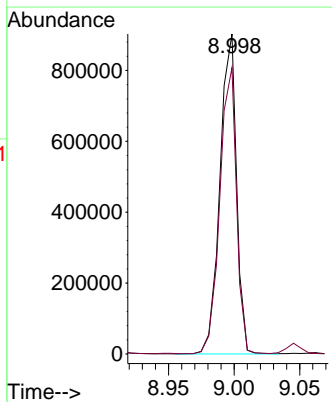
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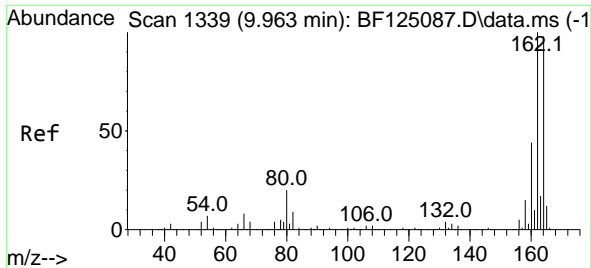


#38  
 1-Methylnaphthalene  
 Concen: 38.366 ng  
 RT: 8.998 min Scan# 1175  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



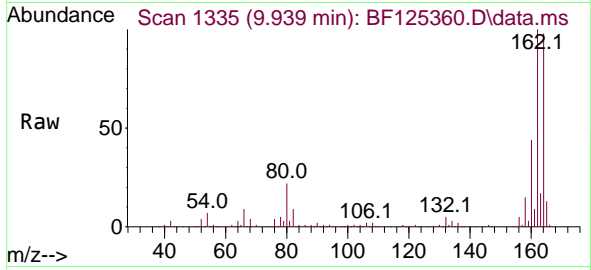
Tgt Ion:142 Resp: 791805  
 Ion Ratio Lower Upper  
 142 100  
 141 89.4 76.0 114.0





#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.939 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

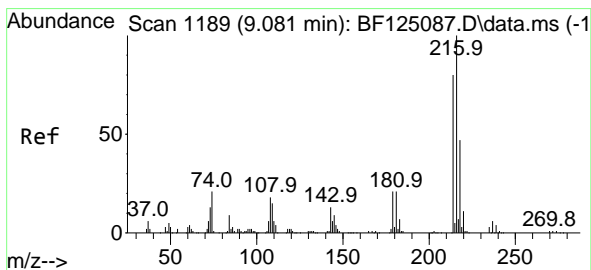
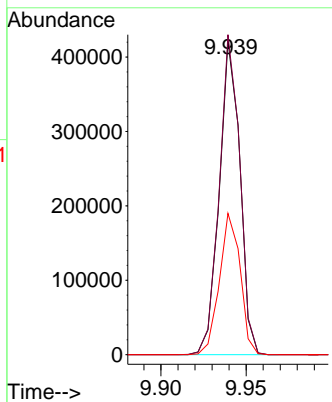
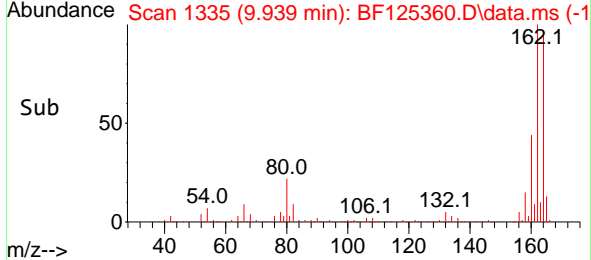
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



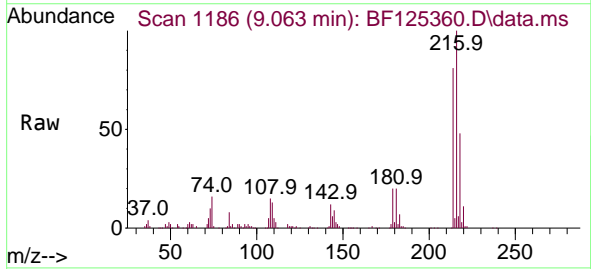
Tgt Ion:164 Resp: 354973  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 81.3 121.9  
 160 45.1 38.0 57.0

**Manual Integrations**  
**APPROVED**

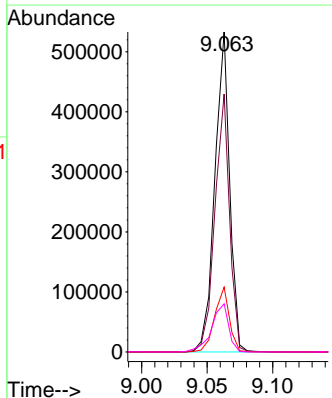
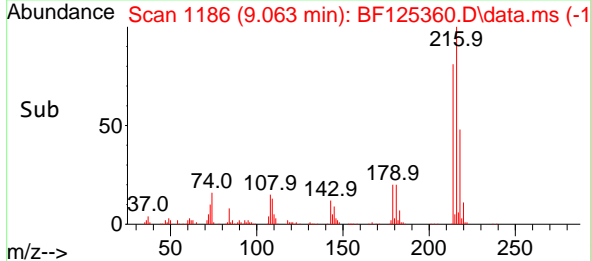
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 9/7/2021 11:39:34 AM

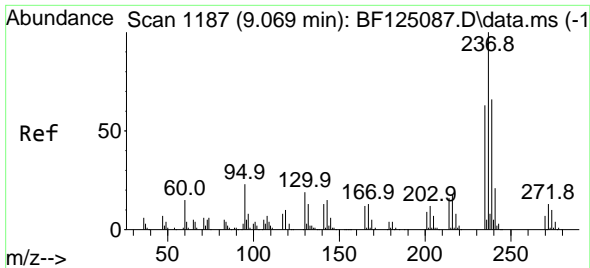


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.070 ng  
 RT: 9.063 min Scan# 1186  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



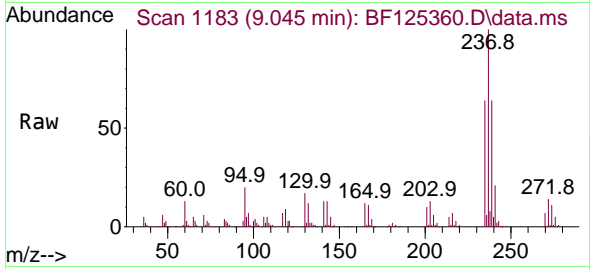
Tgt Ion:216 Resp: 418321  
 Ion Ratio Lower Upper  
 216 100  
 214 79.7 64.9 97.3  
 179 20.1 17.4 26.2  
 108 17.3 16.5 24.7





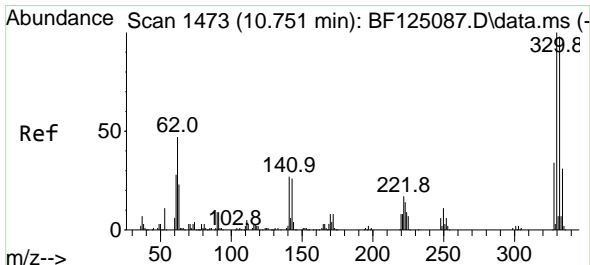
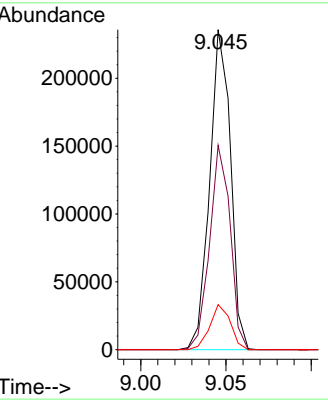
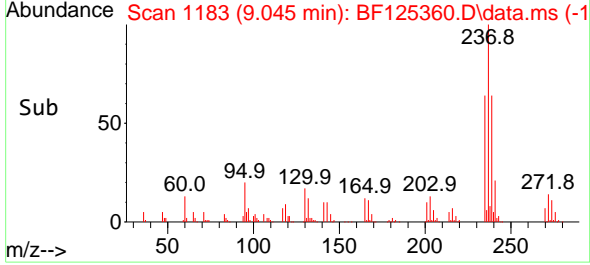
#41  
 Hexachlorocyclopentadiene  
 Concen: 32.879 ng  
 RT: 9.045 min Scan# 1183  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

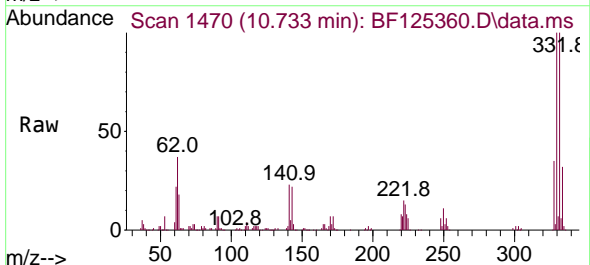


Tgt Ion:237 Resp: 200338  
 Ion Ratio Lower Upper  
 237 100  
 235 63.9 44.7 84.7  
 272 14.1 0.0 31.6

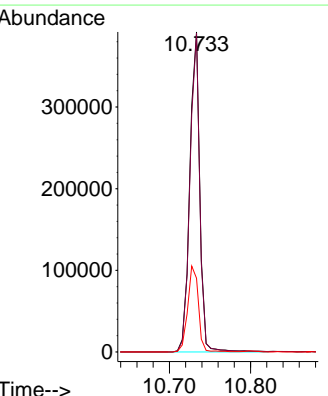
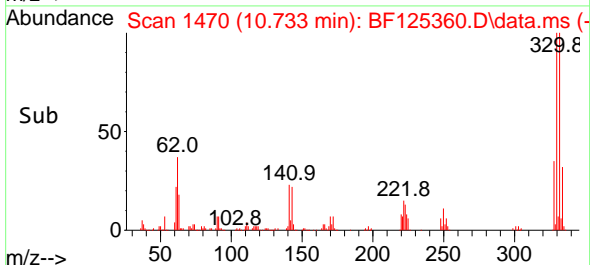
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/7/2021 11:39:34 AM



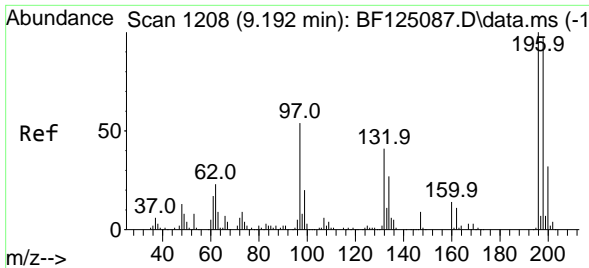
#42  
 2,4,6-Tribromophenol  
 Concen: 94.726 ng  
 RT: 10.733 min Scan# 1470  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:330 Resp: 335652  
 Ion Ratio Lower Upper  
 330 100  
 332 98.2 76.2 114.4  
 141 28.8 44.6 66.8#

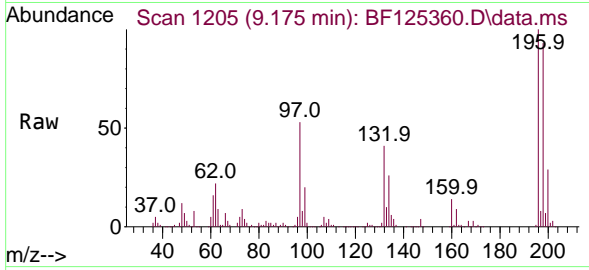






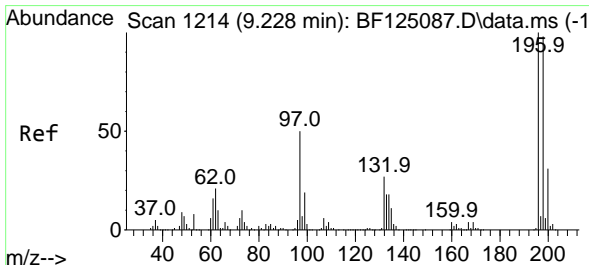
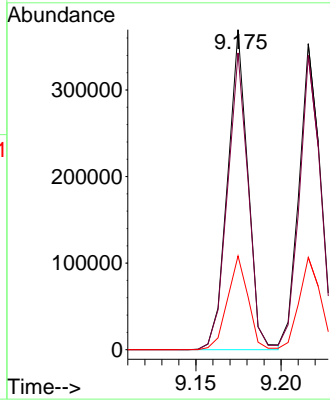
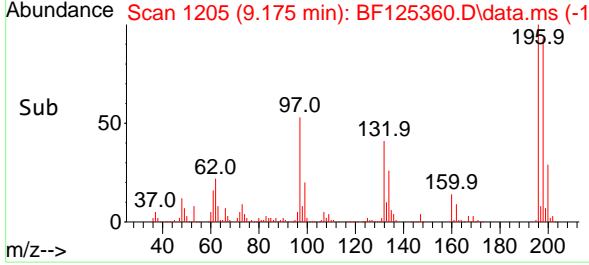
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.513 ng  
 RT: 9.175 min Scan# 1205  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

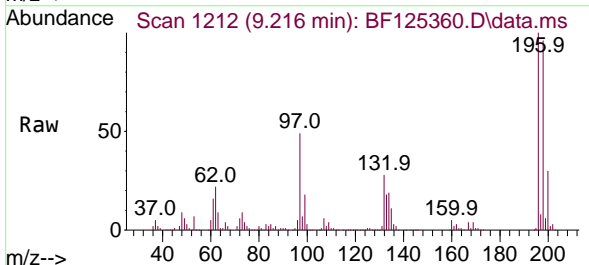


Tgt Ion:196 Resp: 306334  
 Ion Ratio Lower Upper  
 196 100  
 198 92.7 74.9 112.3  
 200 29.3 27.0 40.4

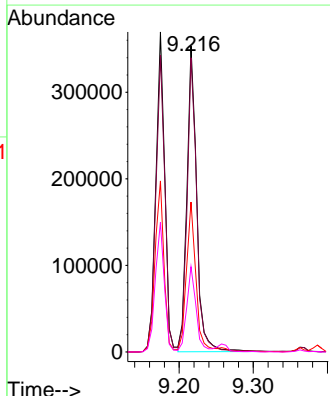
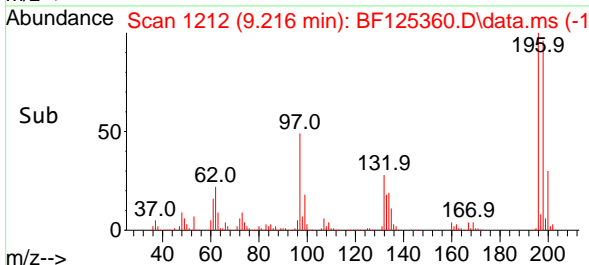
**Manual Integrations**  
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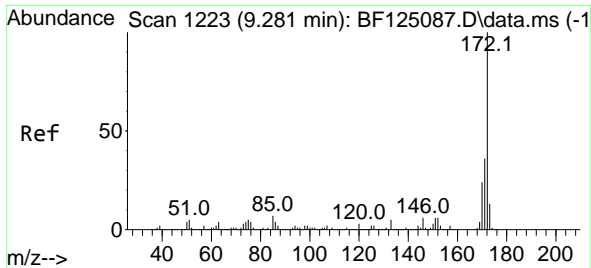


#44  
 2,4,5-Trichlorophenol  
 Concen: 37.986 ng  
 RT: 9.216 min Scan# 1212  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



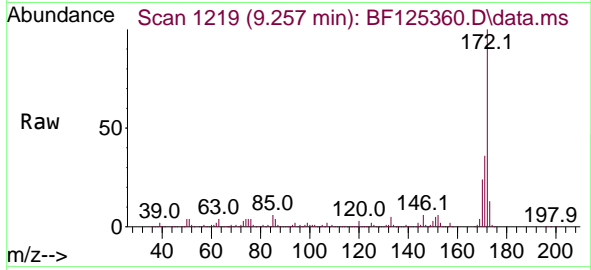
Tgt Ion:196 Resp: 326349  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 80.2 120.2  
 97 49.0 44.0 66.0  
 132 27.9 25.4 38.0





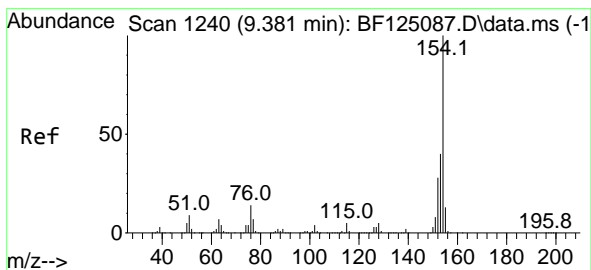
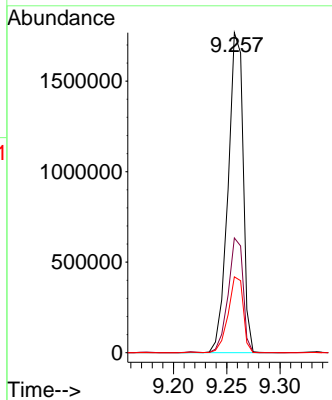
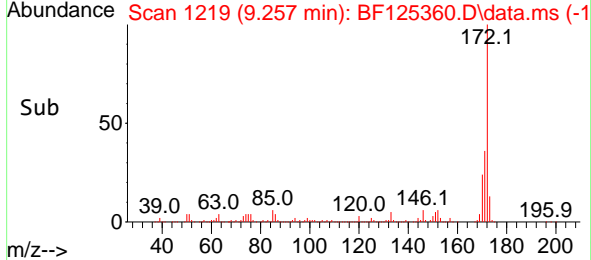
#45  
 2-Fluorobiphenyl  
 Concen: 68.313 ng  
 RT: 9.257 min Scan# 1219  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

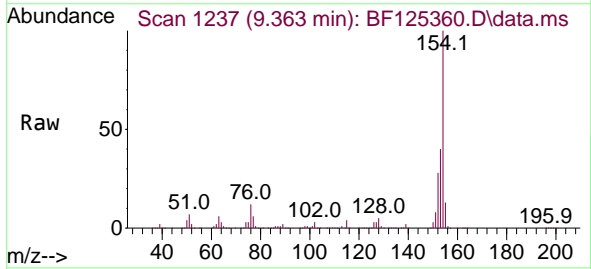


Tgt Ion:172 Resp: 1739873  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 26.5 39.7  
 170 23.7 18.8 28.2

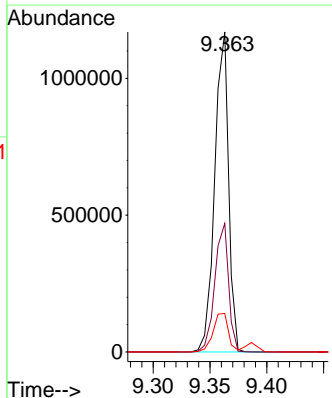
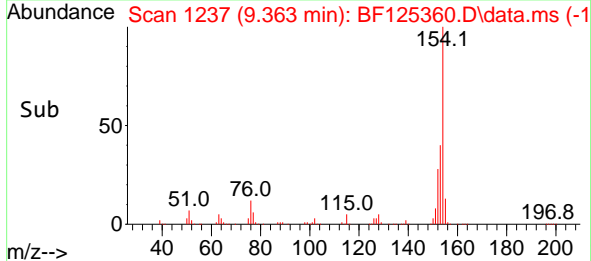
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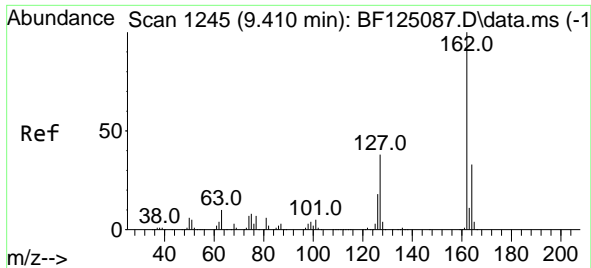


#46  
 1,1'-Biphenyl  
 Concen: 34.600 ng  
 RT: 9.363 min Scan# 1237  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



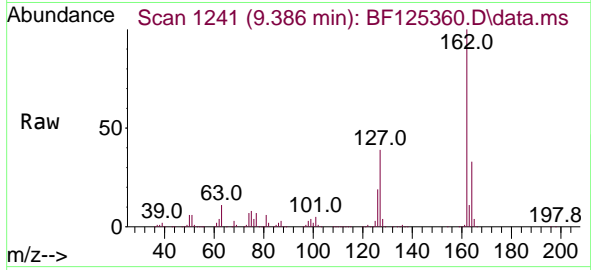
Tgt Ion:154 Resp: 990183  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 20.0 60.0  
 76 12.0 0.0 30.3





#47  
 2-Chloronaphthalene  
 Concen: 35.079 ng  
 RT: 9.386 min Scan# 1241  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

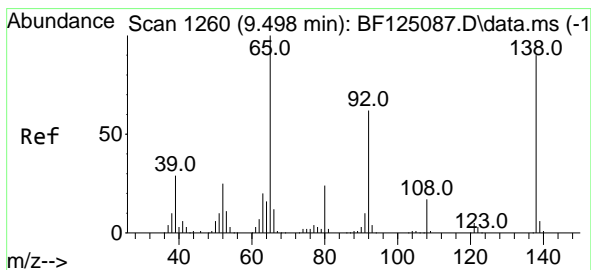
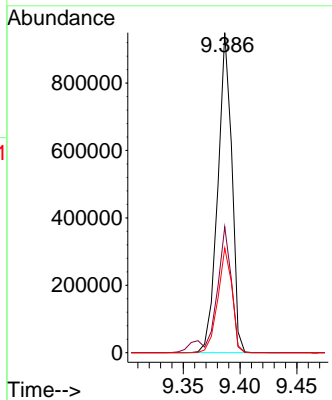
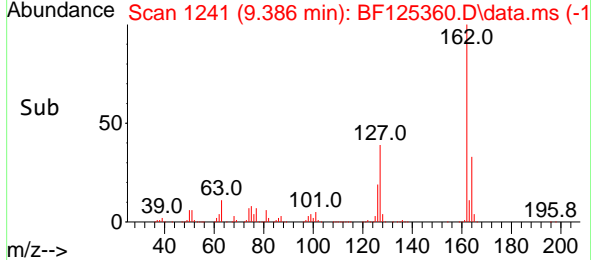


Tgt Ion:162 Resp: 815797

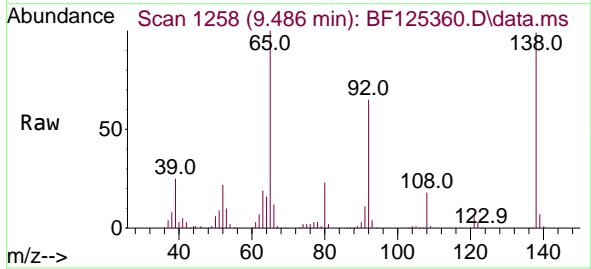
Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.0	49.4
164	32.7	25.8	38.8

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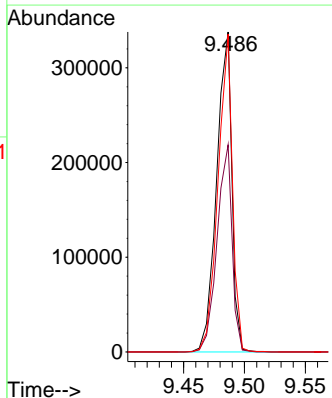
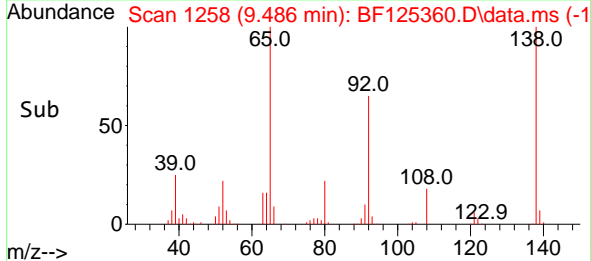


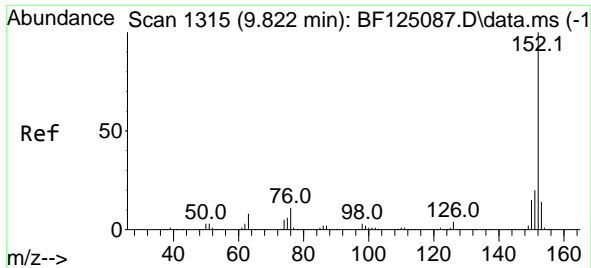
#48  
 2-Nitroaniline  
 Concen: 40.670 ng  
 RT: 9.486 min Scan# 1258  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion: 65 Resp: 293187

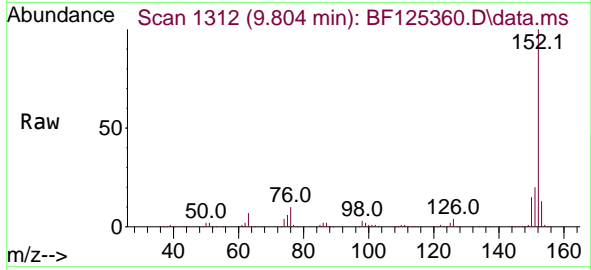
Ion	Ratio	Lower	Upper
65	100		
92	64.8	55.5	83.3
138	99.3	93.5	140.3





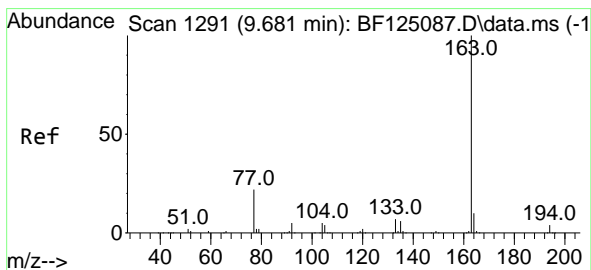
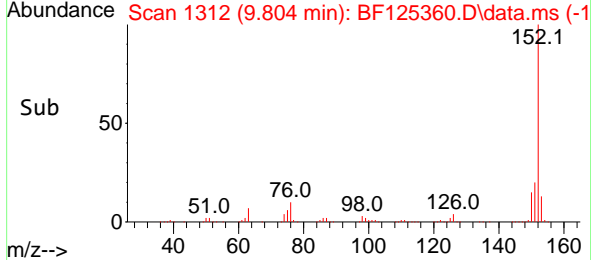
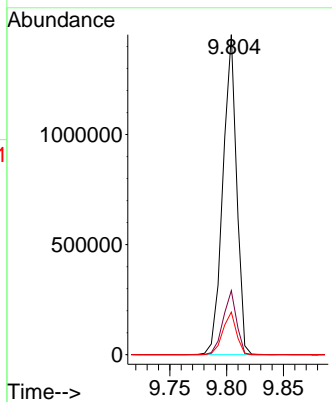
#49  
 Acenaphthylene  
 Concen: 36.247 ng  
 RT: 9.804 min Scan# 1312  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
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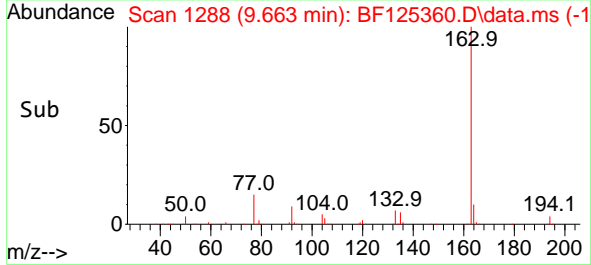
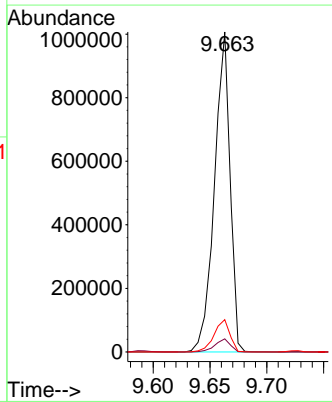
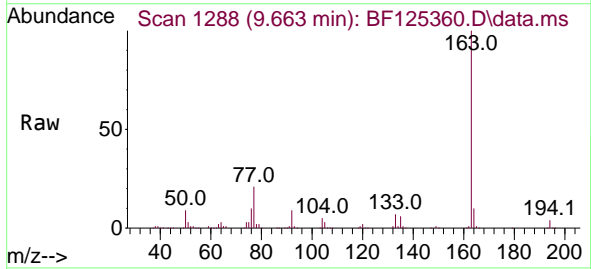
Tgt Ion:152 Resp: 1228376  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 15.7 23.5  
 153 13.3 9.8 14.8

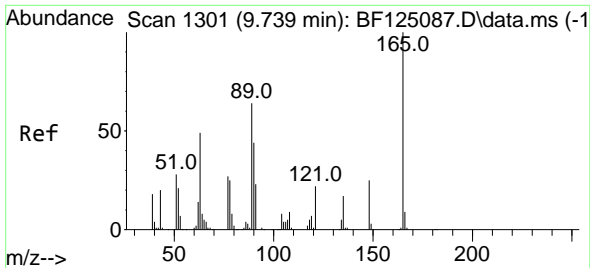
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#50  
 Dimethylphthalate  
 Concen: 39.100 ng  
 RT: 9.663 min Scan# 1288  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

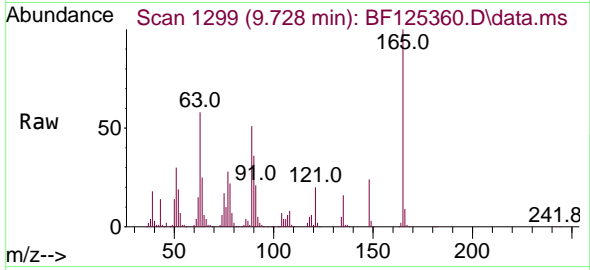
Tgt Ion:163 Resp: 961833  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 2.6 3.8#  
 164 10.1 7.4 11.0





#51  
 2,6-Dinitrotoluene  
 Concen: 41.374 ng  
 RT: 9.728 min Scan# 1299  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

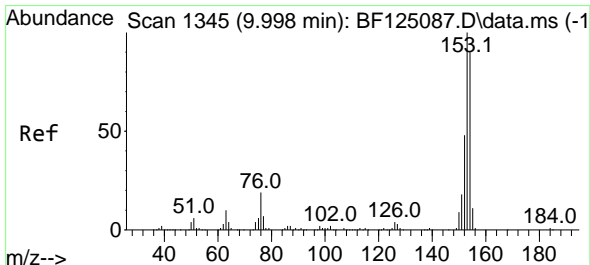
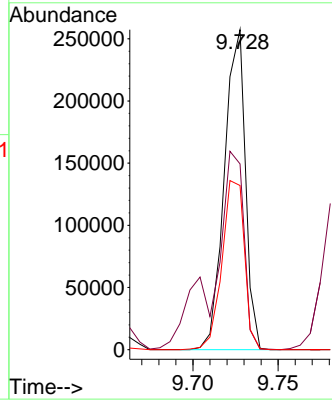
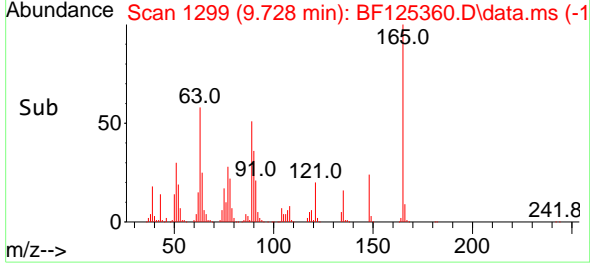


Tgt Ion:165 Resp: 220691

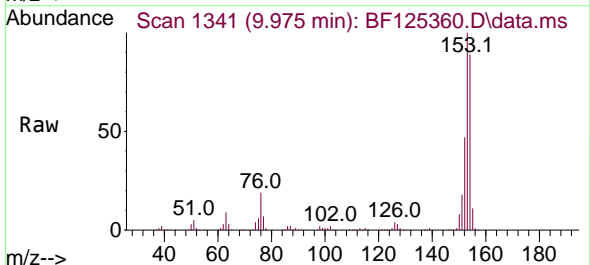
Ion	Ratio	Lower	Upper
165	100		
63	58.0	42.6	63.8
89	51.3	40.6	60.8

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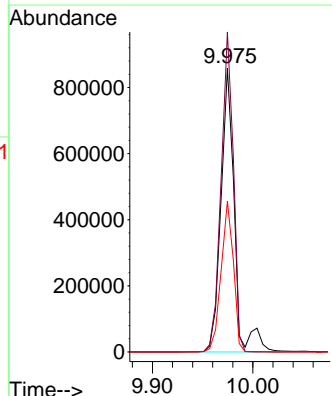
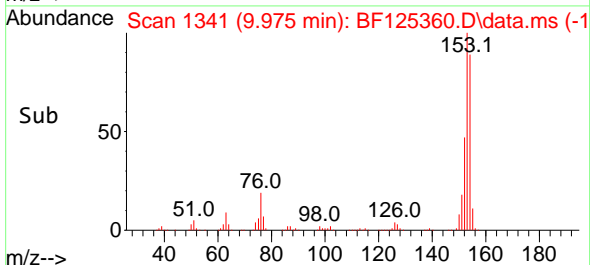


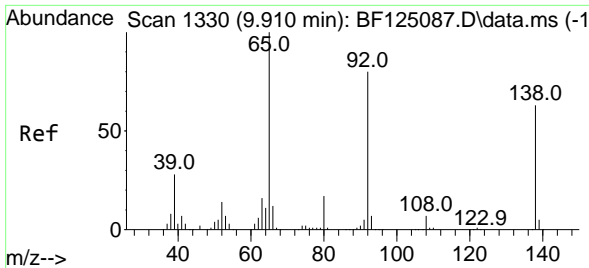
#52  
 Acenaphthene  
 Concen: 37.975 ng m  
 RT: 9.975 min Scan# 1341  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:154 Resp: 797802

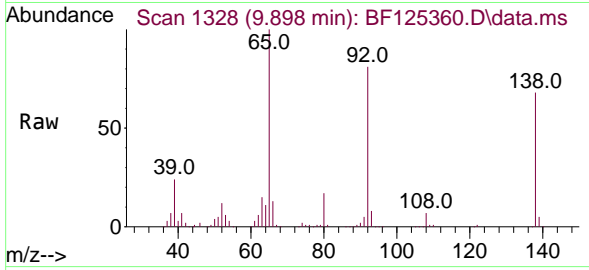
Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.4	134.2
152	53.2	40.5	60.7





#53  
 3-Nitroaniline  
 Concen: 40.337 ng  
 RT: 9.898 min Scan# 1328  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

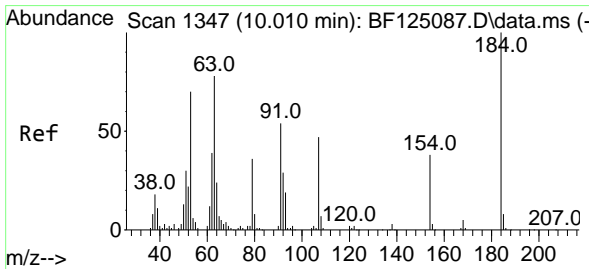
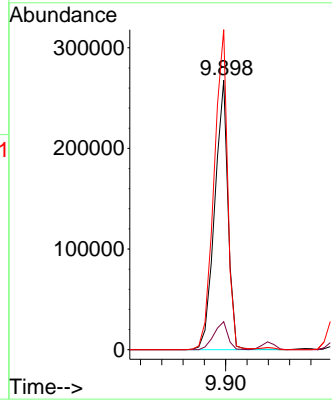
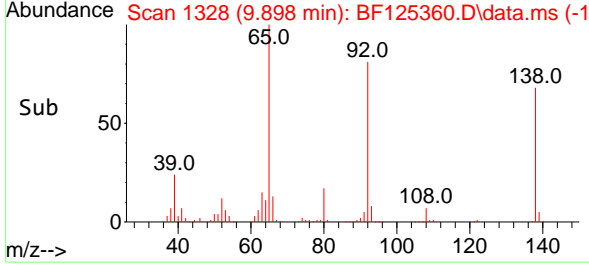
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



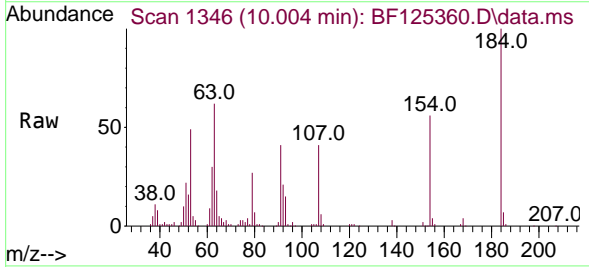
Tgt Ion:138 Resp: 232029  
 Ion Ratio Lower Upper  
 138 100  
 108 10.4 9.3 13.9  
 92 118.8 76.5 114.7#

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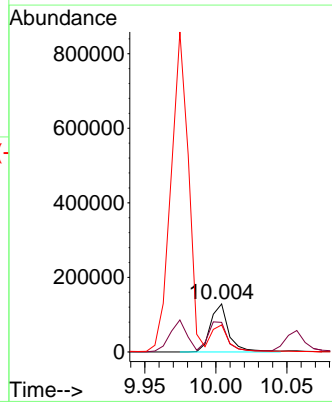
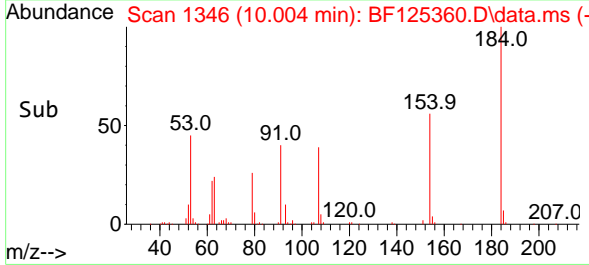
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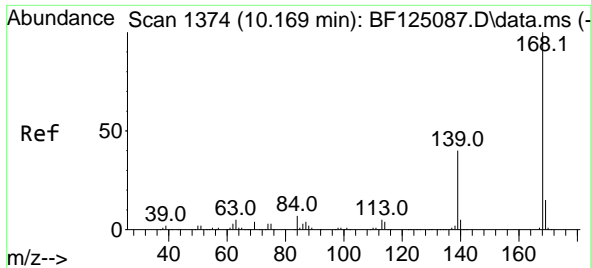


#54  
 2,4-Dinitrophenol  
 Concen: 54.832 ng  
 RT: 10.004 min Scan# 1346  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



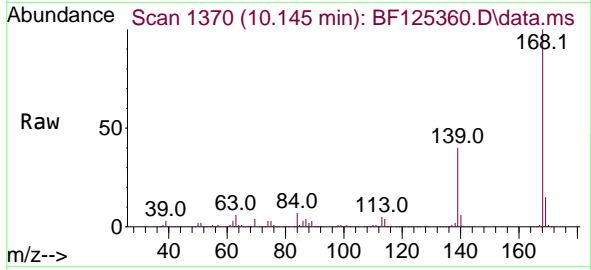
Tgt Ion:184 Resp: 115528  
 Ion Ratio Lower Upper  
 184 100  
 63 61.6 59.3 88.9  
 154 56.2 68.6 102.8#





#55  
 Dibenzofuran  
 Concen: 36.469 ng  
 RT: 10.145 min Scan# 1370  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

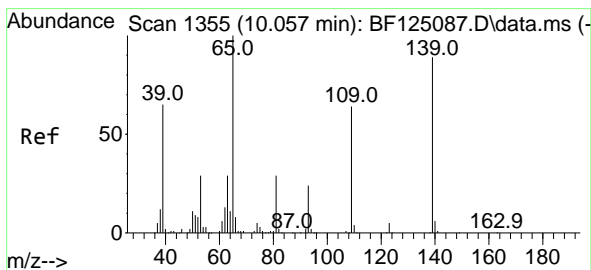
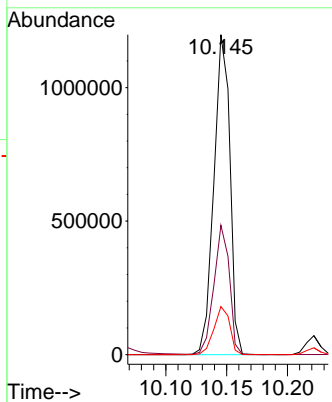
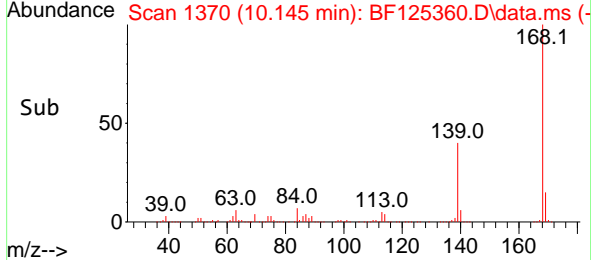
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



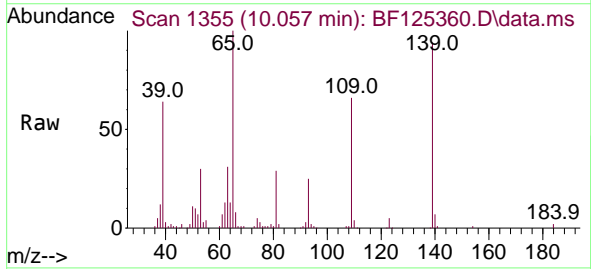
Tgt Ion:168 Resp: 1102624  
 Ion Ratio Lower Upper  
 168 100  
 139 40.4 32.7 49.1  
 169 15.1 11.2 16.8

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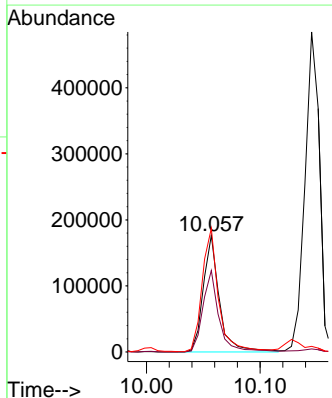
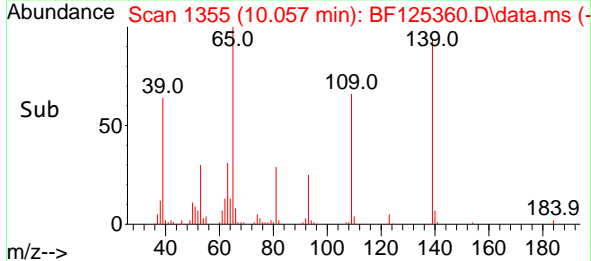
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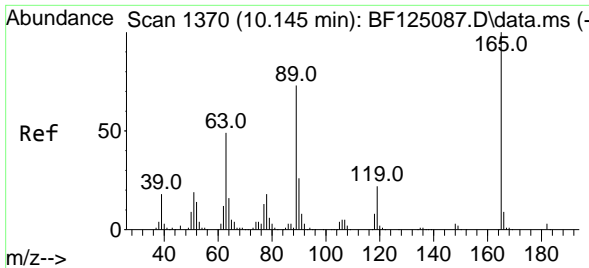


#56  
 4-Nitrophenol  
 Concen: 38.151 ng  
 RT: 10.057 min Scan# 1355  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



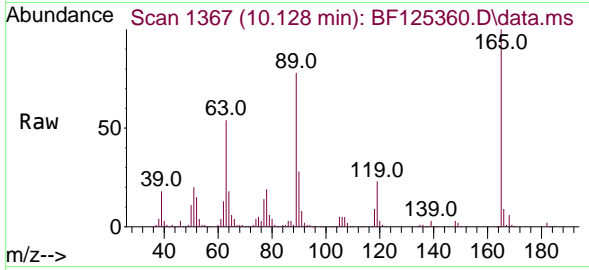
Tgt Ion:139 Resp: 173783  
 Ion Ratio Lower Upper  
 139 100  
 109 69.8 60.4 100.4  
 65 106.1 58.4 98.4#





#57  
 2,4-Dinitrotoluene  
 Concen: 45.674 ng  
 RT: 10.128 min Scan# 1367  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

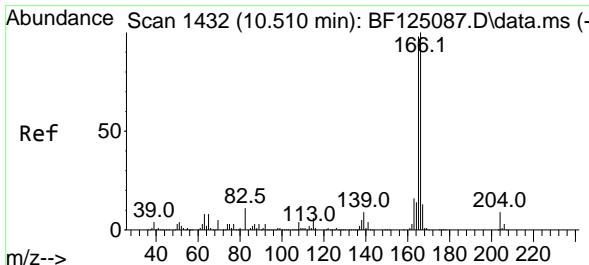
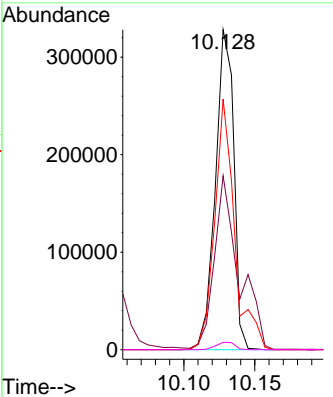
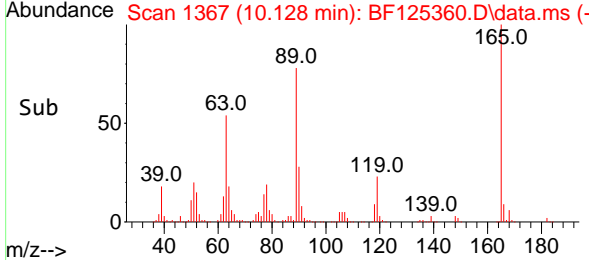


Tgt Ion:165 Resp: 294856

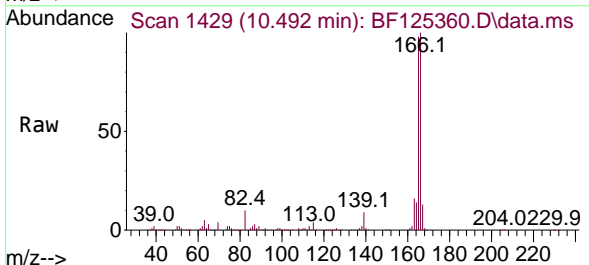
Ion	Ratio	Lower	Upper
165	100		
63	54.3	40.9	61.3
89	78.3	59.7	89.5
182	2.3	0.0	0.0#

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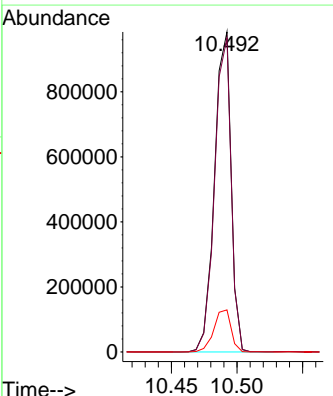
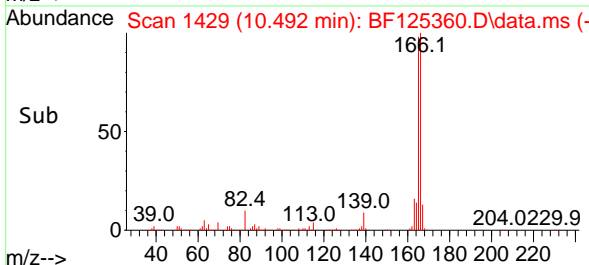


#58  
 Fluorene  
 Concen: 38.574 ng  
 RT: 10.492 min Scan# 1429  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

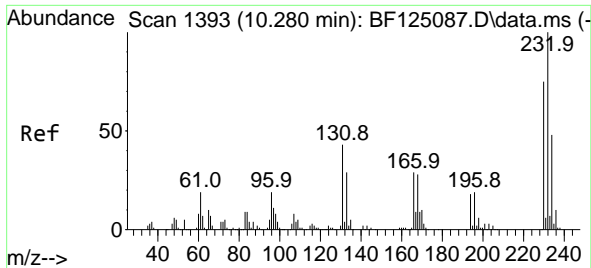


Tgt Ion:166 Resp: 862233

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.1	117.1
167	13.2	11.1	16.7

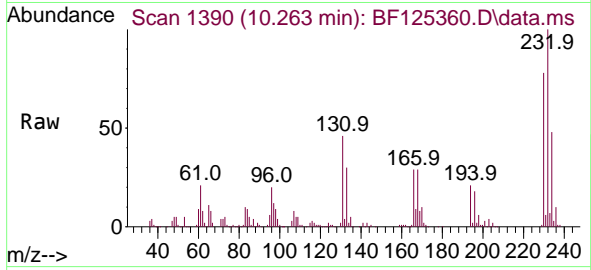






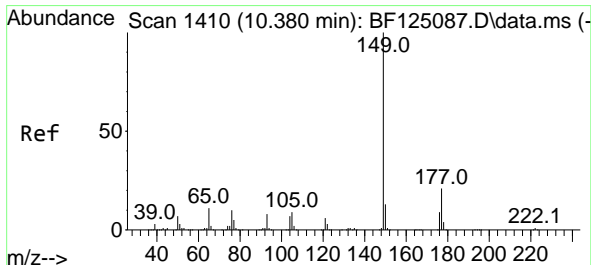
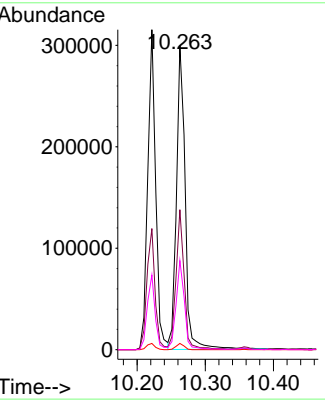
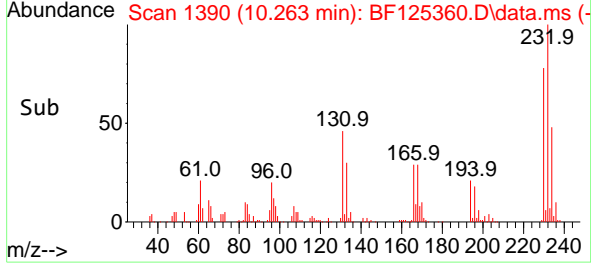
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.197 ng  
 RT: 10.263 min Scan# 1390  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

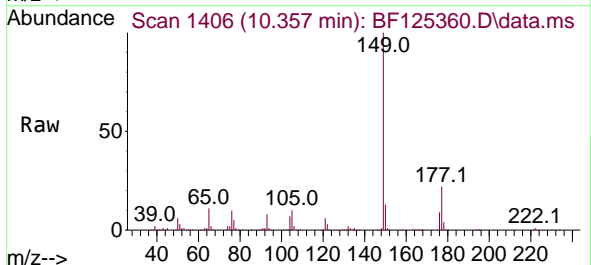


Tgt Ion:232 Resp: 262660  
 Ion Ratio Lower Upper  
 232 100  
 131 42.8 45.4 68.0#  
 130 1.9 0.0 0.0#  
 166 27.8 28.5 42.7#

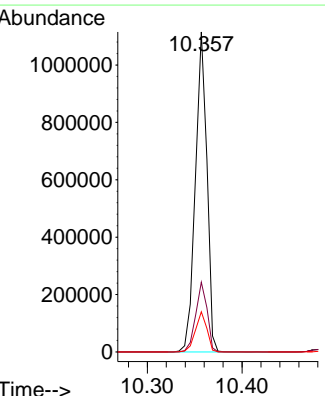
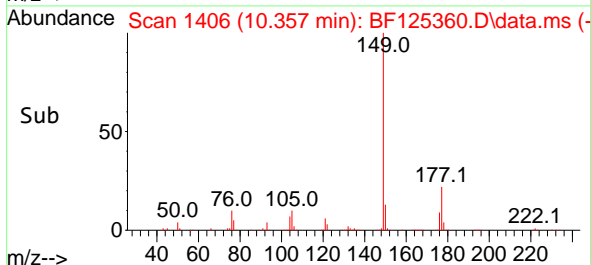
**Manual Integrations**  
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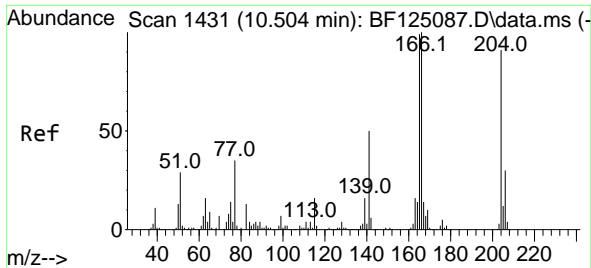


#60  
 Diethylphthalate  
 Concen: 39.321 ng  
 RT: 10.357 min Scan# 1406  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



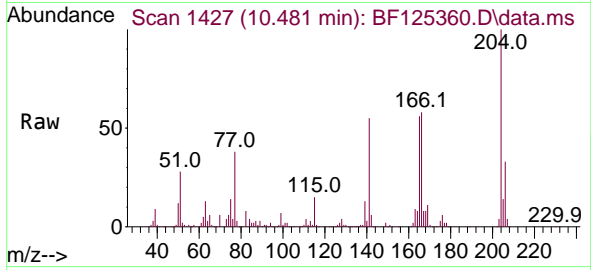
Tgt Ion:149 Resp: 942969  
 Ion Ratio Lower Upper  
 149 100  
 177 21.8 16.5 24.7  
 150 12.6 10.1 15.1





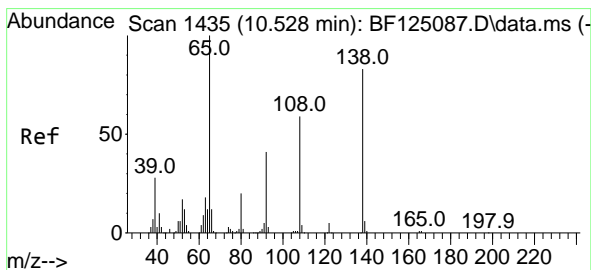
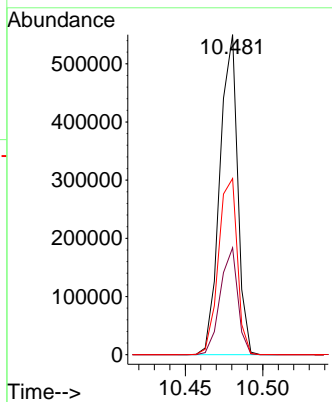
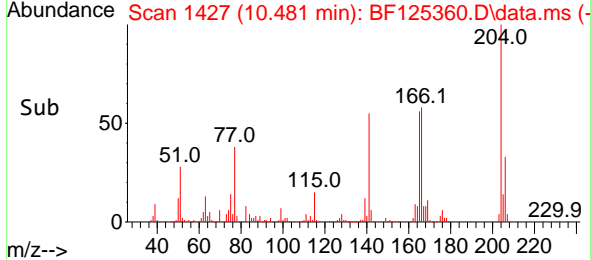
#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.914 ng  
 RT: 10.481 min Scan# 1427  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

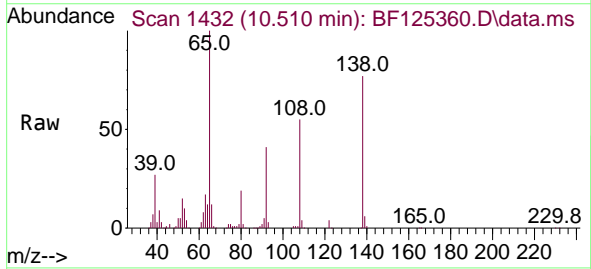


Tgt Ion: 204 Resp: 439799  
 Ion Ratio Lower Upper  
 204 100  
 206 33.4 27.6 41.4  
 141 55.1 58.6 88.0#

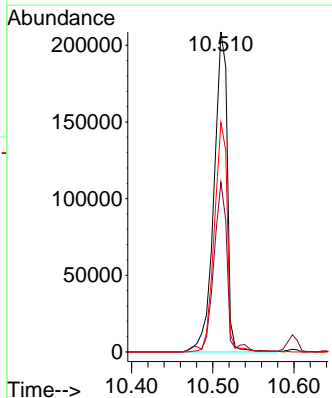
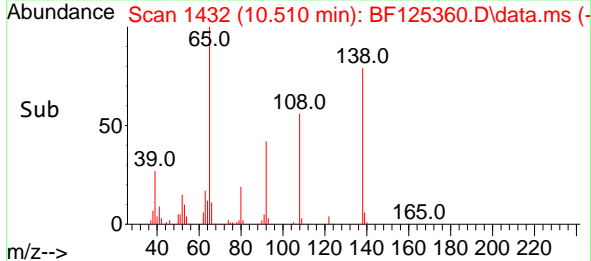
**Manual Integrations**  
**APPROVED**  
 mohammad  
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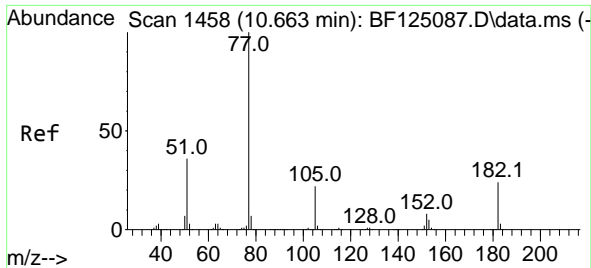


#62  
 4-Nitroaniline  
 Concen: 46.164 ng  
 RT: 10.510 min Scan# 1432  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



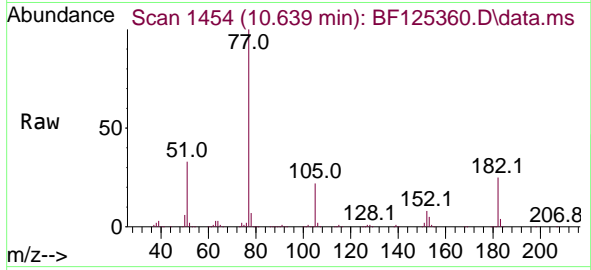
Tgt Ion: 138 Resp: 238787  
 Ion Ratio Lower Upper  
 138 100  
 92 53.0 29.6 69.6  
 108 71.7 78.1 118.1#





#63  
 Azobenzene  
 Concen: 37.161 ng  
 RT: 10.639 min Scan# 1454  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

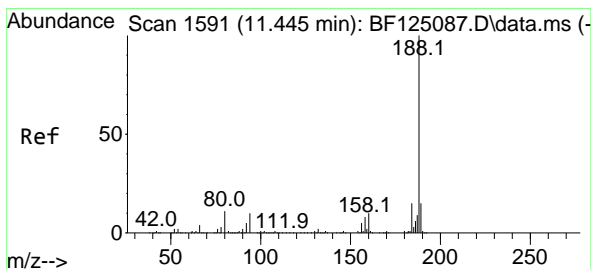
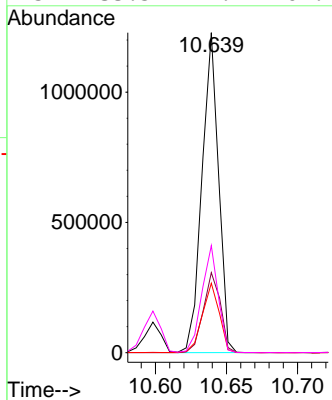
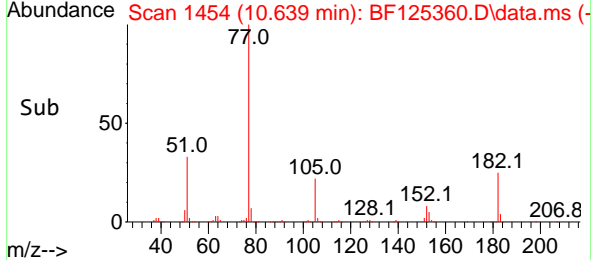


Tgt Ion: 77 Resp: 999595

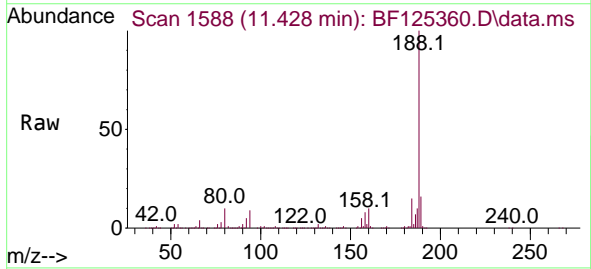
Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.3	46.3
105	21.7	2.9	42.9
51	33.5	24.1	64.1

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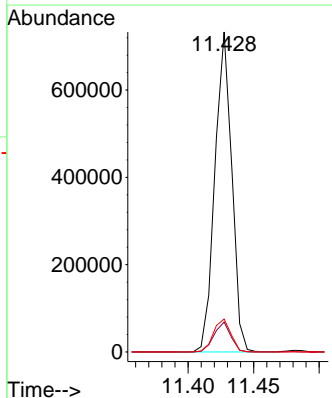
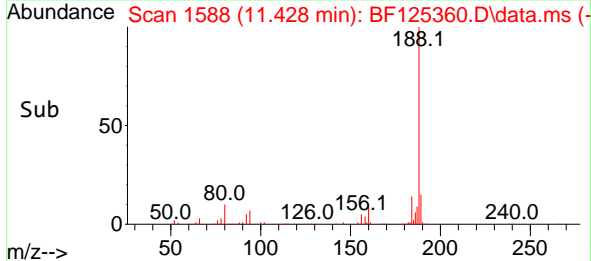


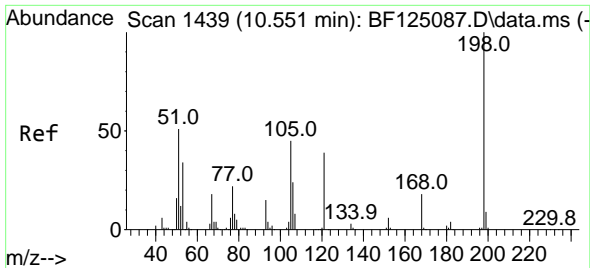
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.428 min Scan# 1588  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion: 188 Resp: 656112

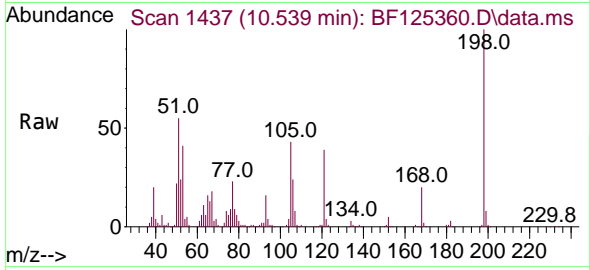
Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.7	10.1
80	10.3	7.5	11.3





#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.289 ng  
 RT: 10.539 min Scan# 1437  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

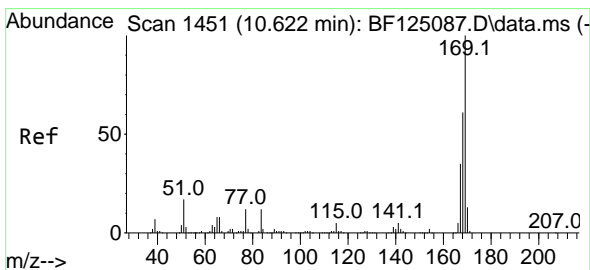
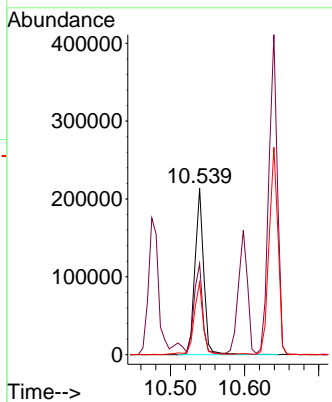
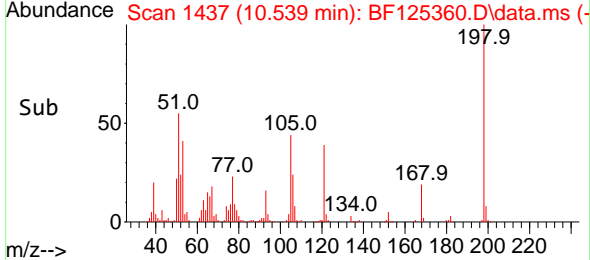


Tgt Ion:198 Resp: 174631

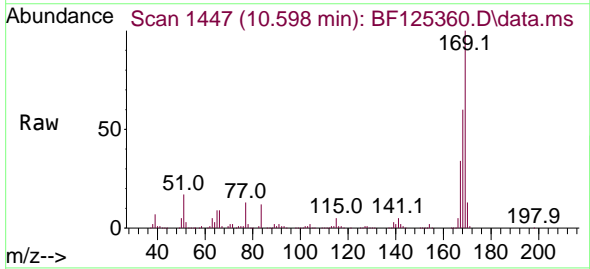
Ion	Ratio	Lower	Upper
198	100		
51	54.7	45.3	85.3
105	43.4	30.6	70.6

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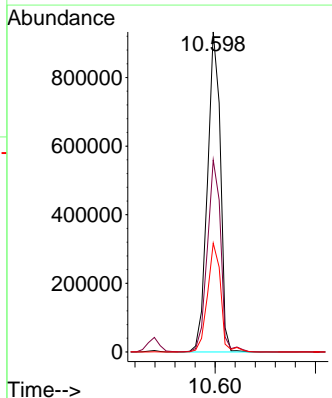
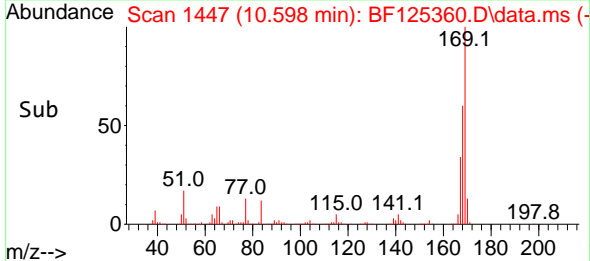


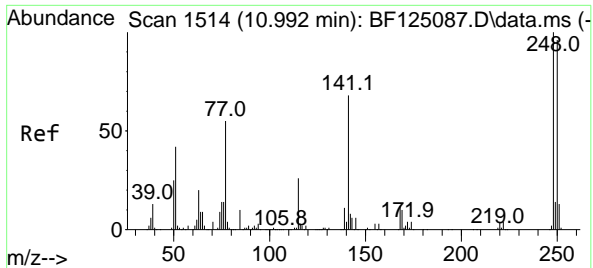
#66  
 n-Nitrosodiphenylamine  
 Concen: 35.626 ng  
 RT: 10.598 min Scan# 1447  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:169 Resp: 836956

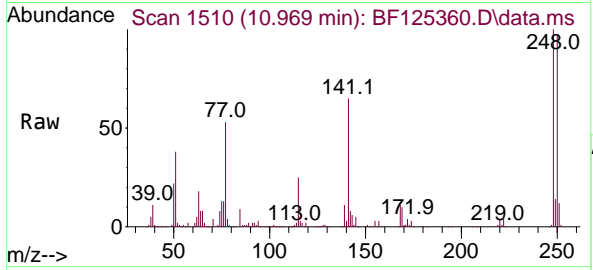
Ion	Ratio	Lower	Upper
169	100		
168	60.0	50.8	76.2
167	34.0	28.8	43.2





#67  
 4-Bromophenyl-phenylether  
 Concen: 39.165 ng  
 RT: 10.969 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

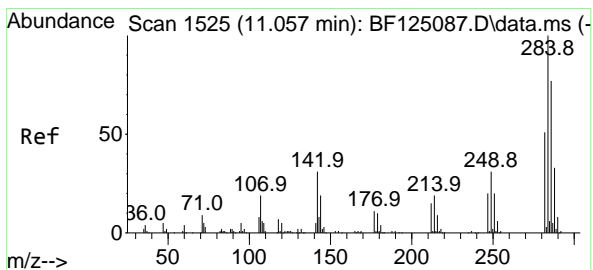
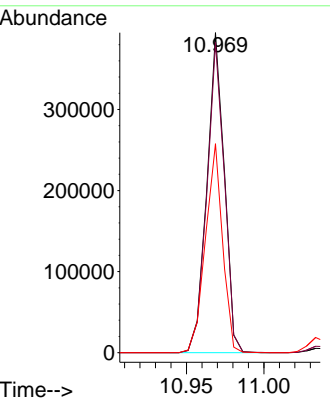
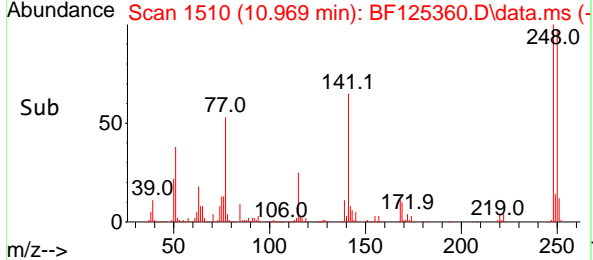
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



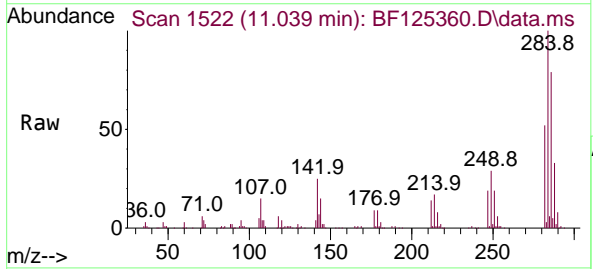
Tgt Ion:248 Resp: 308569  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 74.2 111.4  
 141 65.3 60.4 90.6

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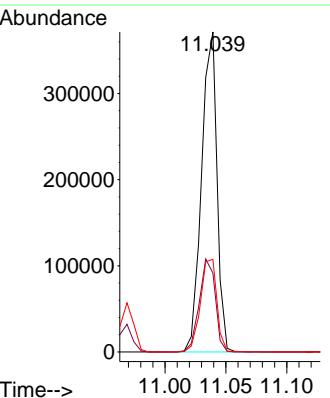
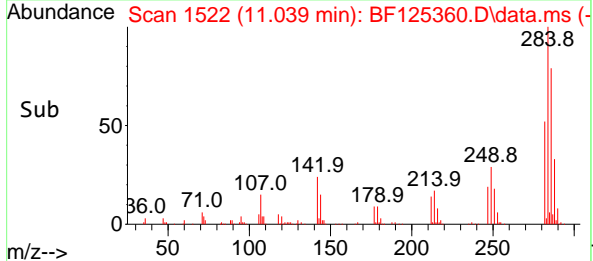
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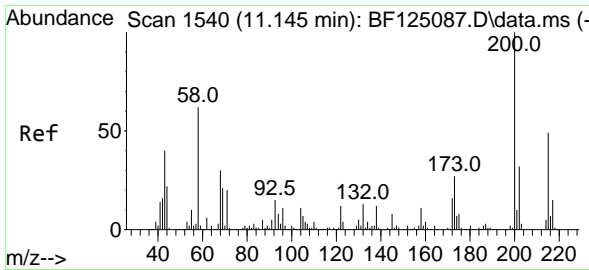


#68  
 Hexachlorobenzene  
 Concen: 40.225 ng  
 RT: 11.039 min Scan# 1522  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



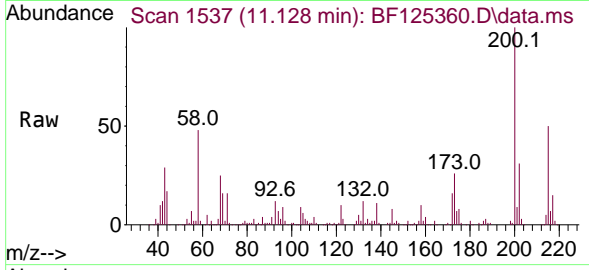
Tgt Ion:284 Resp: 326033  
 Ion Ratio Lower Upper  
 284 100  
 142 24.7 36.4 54.6#  
 249 28.9 25.6 38.4





#69  
 Atrazine  
 Concen: 40.665 ng  
 RT: 11.128 min Scan# 1537  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

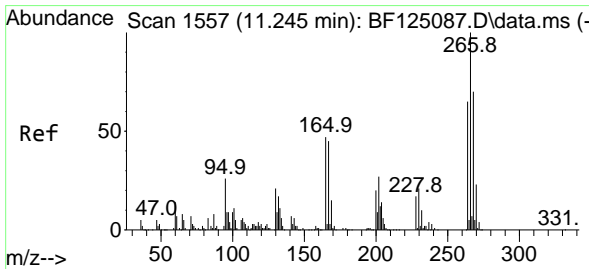
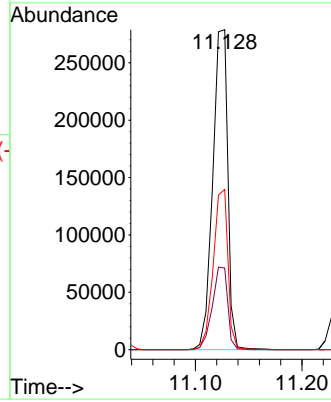
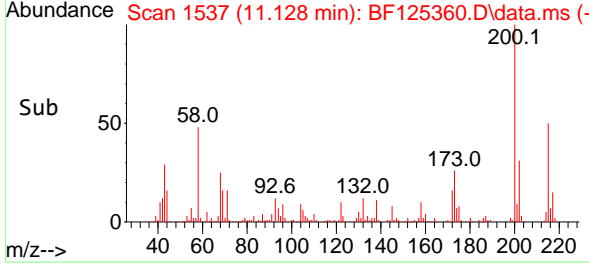
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040



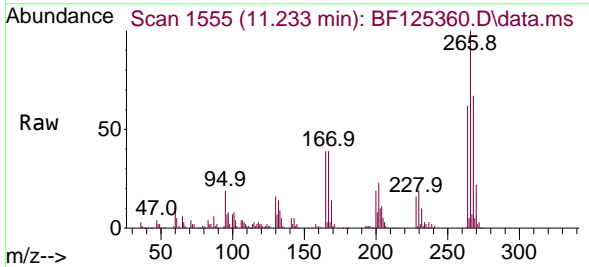
Tgt Ion:200 Resp: 274142  
 Ion Ratio Lower Upper  
 200 100  
 173 25.5 11.1 51.1  
 215 50.1 22.7 62.7

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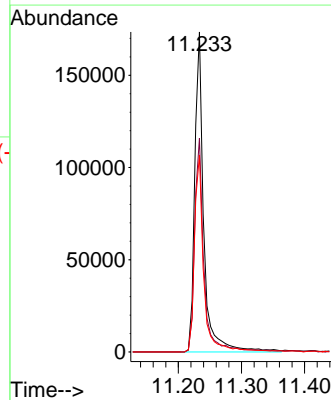
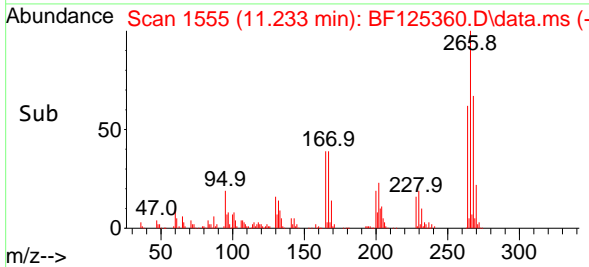
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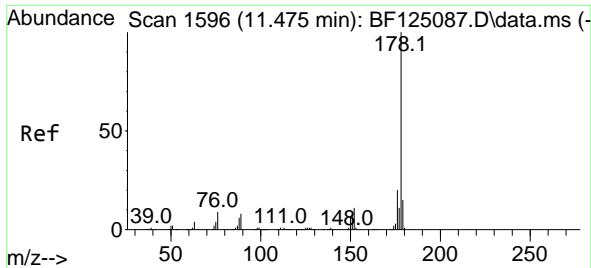


#70  
 Pentachlorophenol  
 Concen: 36.657 ng  
 RT: 11.233 min Scan# 1555  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



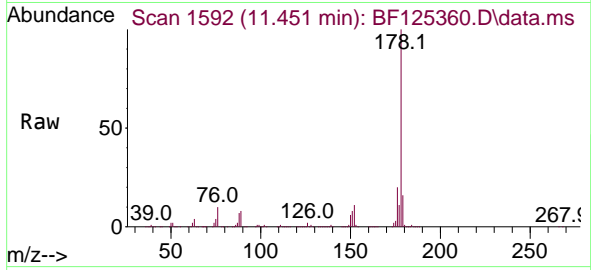
Tgt Ion:266 Resp: 173483  
 Ion Ratio Lower Upper  
 266 100  
 268 66.8 48.9 73.3  
 264 61.5 55.9 83.9





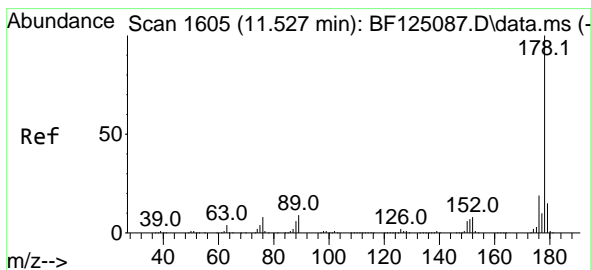
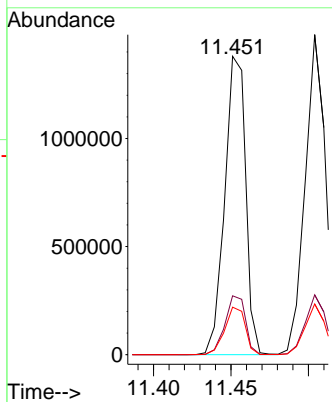
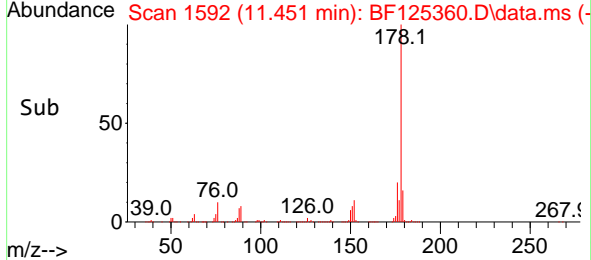
#71  
 Phenanthrene  
 Concen: 35.898 ng  
 RT: 11.451 min Scan# 1592  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

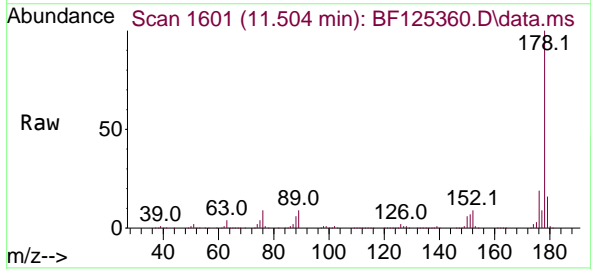


Tgt Ion:178 Resp: 1297791  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 14.7 22.1  
 179 16.0 11.5 17.3

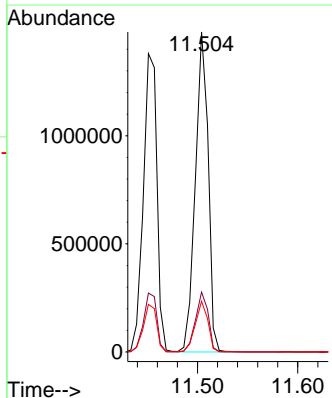
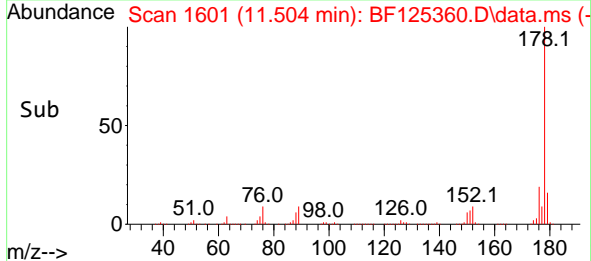
**Manual Integrations**  
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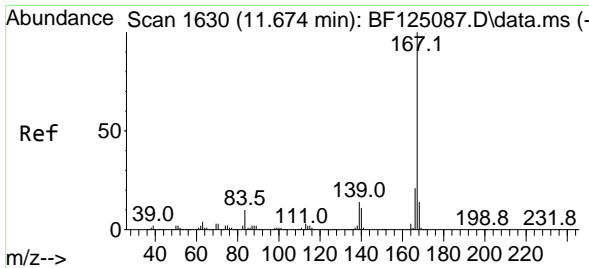


#72  
 Anthracene  
 Concen: 37.001 ng  
 RT: 11.504 min Scan# 1601  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



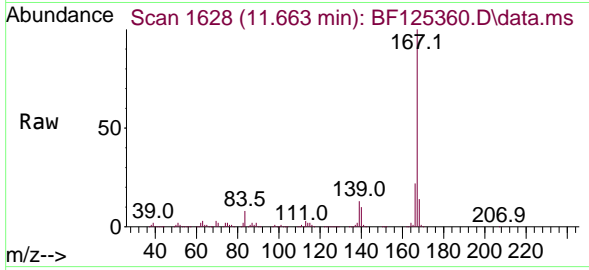
Tgt Ion:178 Resp: 1318475  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.3 21.5  
 179 15.9 12.2 18.4





#73  
 Carbazole  
 Concen: 36.547 ng  
 RT: 11.663 min Scan# 1628  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

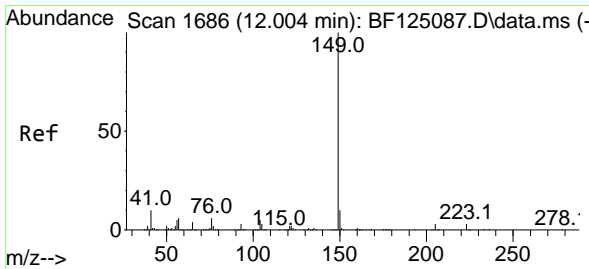
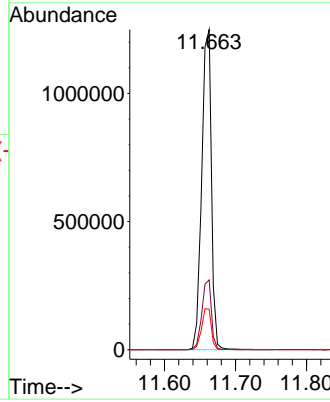
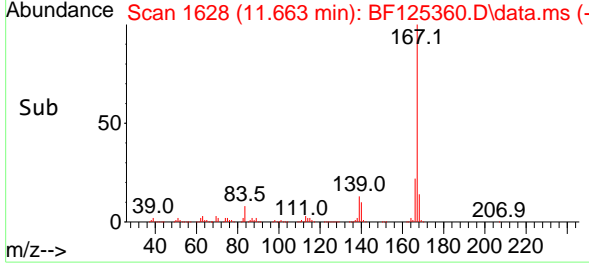
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



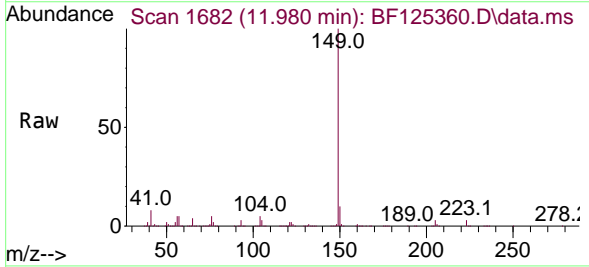
Tgt Ion:167 Resp: 1190059  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.0  
 139 12.6 11.0 16.4

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**APPROVED**

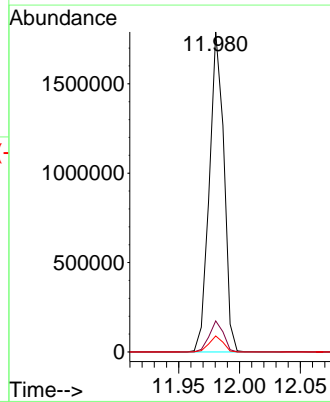
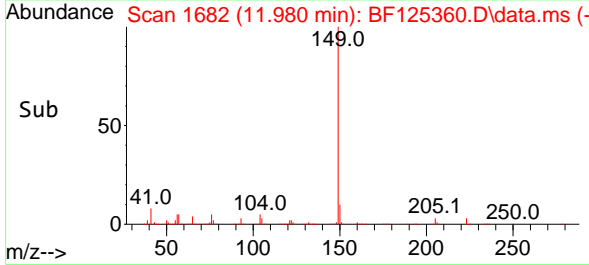
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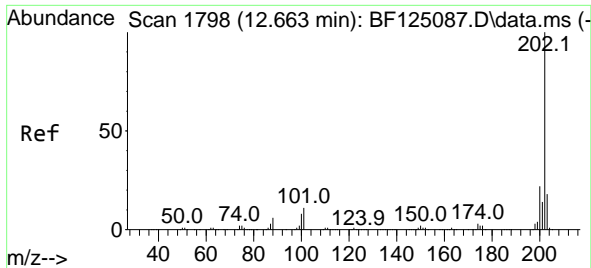
#74  
 Di-n-butylphthalate  
 Concen: 38.455 ng  
 RT: 11.980 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:149 Resp: 1485965  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.4 11.2  
 104 5.0 4.1 6.1

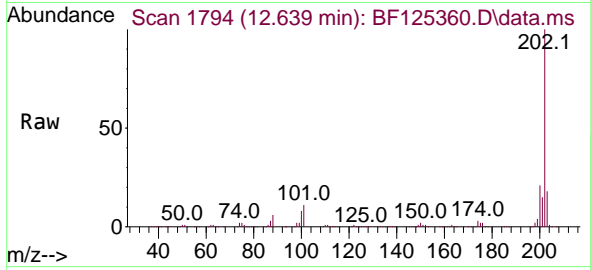






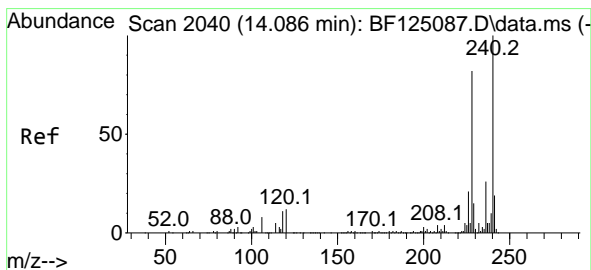
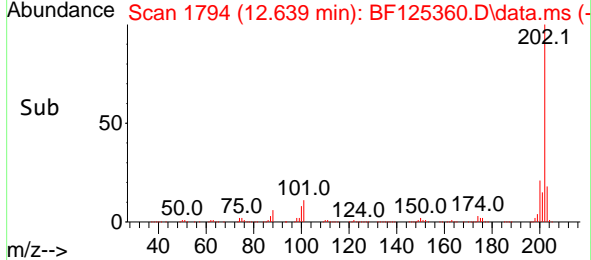
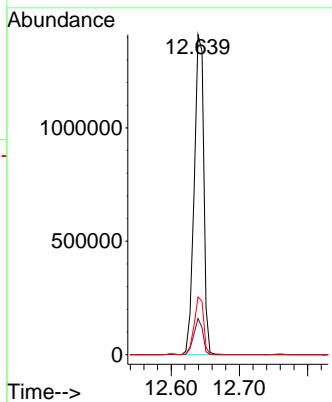
#75  
 Fluoranthene  
 Concen: 38.272 ng  
 RT: 12.639 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

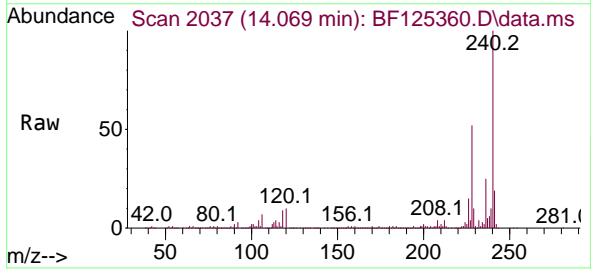


Tgt Ion:202 Resp: 1372874  
 Ion Ratio Lower Upper  
 202 100  
 101 11.3 0.0 30.7  
 203 18.1 0.0 36.3

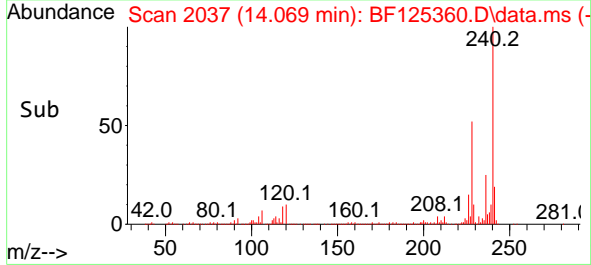
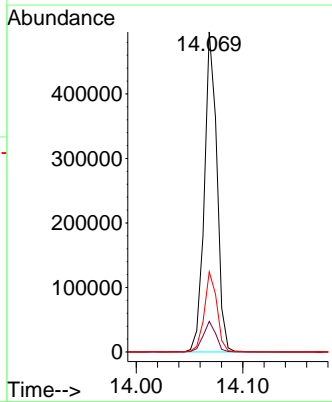
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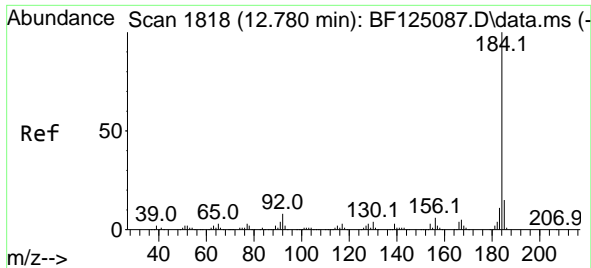


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.069 min Scan# 2037  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



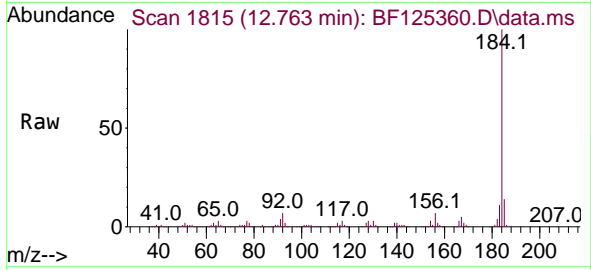
Tgt Ion:240 Resp: 407542  
 Ion Ratio Lower Upper  
 240 100  
 120 9.6 10.8 16.2#  
 236 25.1 21.6 32.4





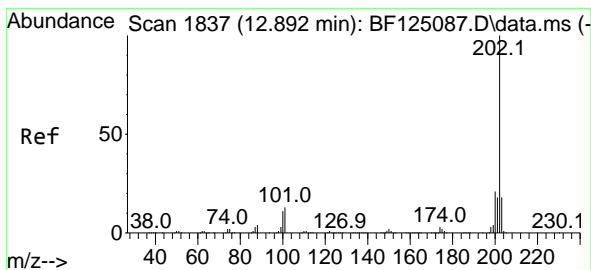
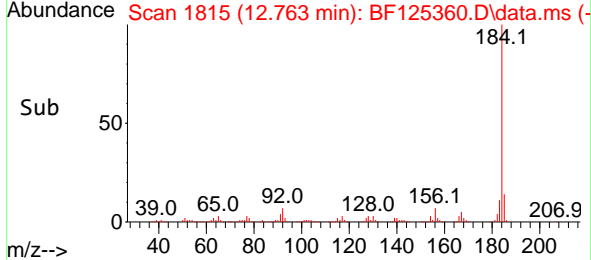
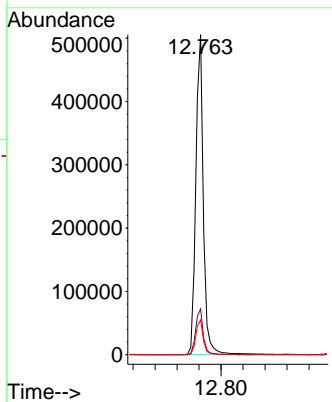
#77  
 Benzidine  
 Concen: 33.783 ng  
 RT: 12.763 min Scan# 1815  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



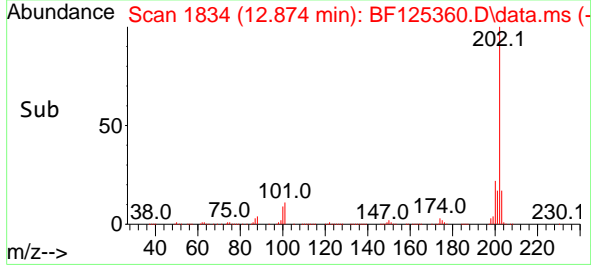
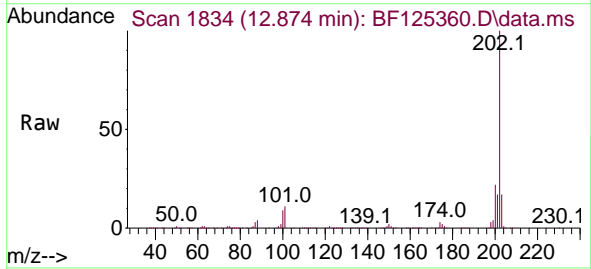
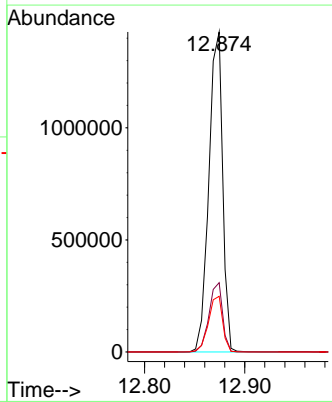
Tgt Ion:184 Resp: 480848  
 Ion Ratio Lower Upper  
 184 100  
 185 14.3 10.8 16.2  
 183 10.8 8.1 12.1

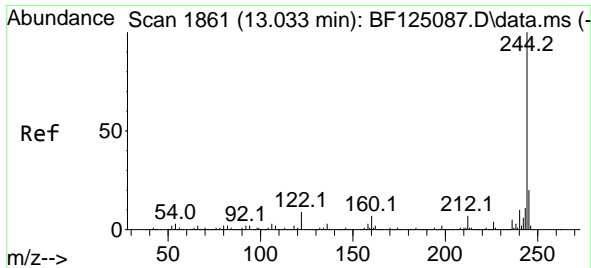
**Manual Integrations**  
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#78  
 Pyrene  
 Concen: 39.217 ng  
 RT: 12.874 min Scan# 1834  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

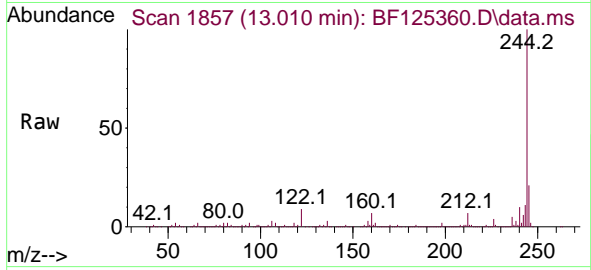
Tgt Ion:202 Resp: 1370986  
 Ion Ratio Lower Upper  
 202 100  
 200 21.6 15.3 22.9  
 203 17.4 13.4 20.0





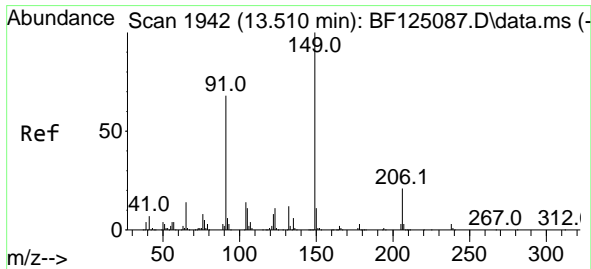
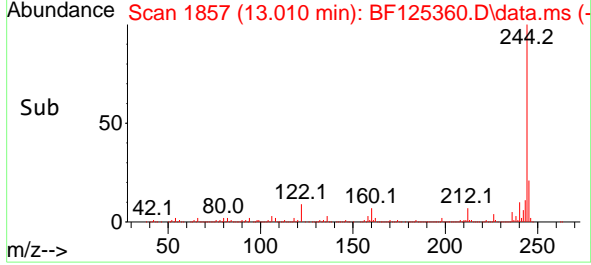
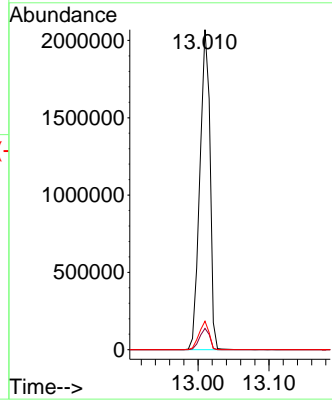
#79  
 Terphenyl-d14  
 Concen: 80.452 ng  
 RT: 13.010 min Scan# 1857  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



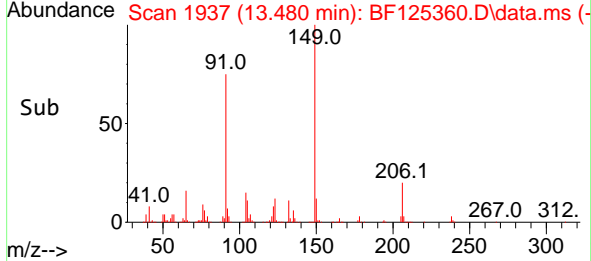
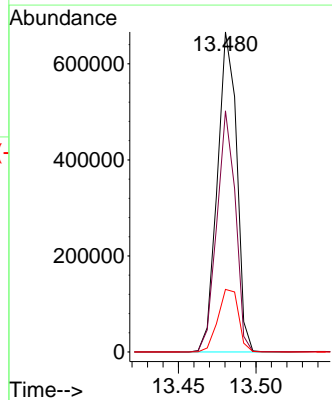
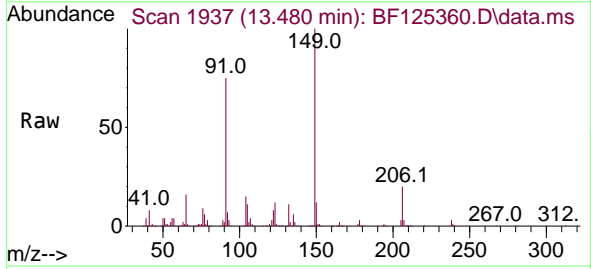
Tgt Ion:244 Resp: 2058101  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.9 8.9  
 122 8.9 9.0 13.4#

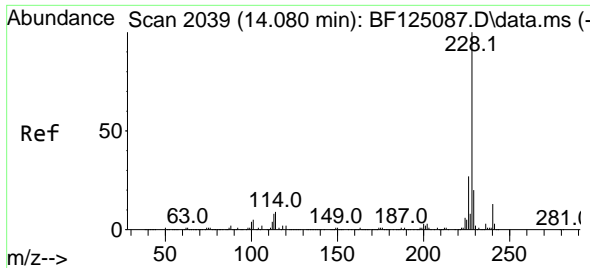
**Manual Integrations**  
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#80  
 Butylbenzylphthalate  
 Concen: 42.151 ng  
 RT: 13.480 min Scan# 1937  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

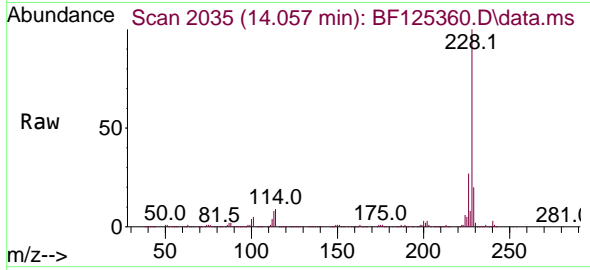
Tgt Ion:149 Resp: 579017  
 Ion Ratio Lower Upper  
 149 100  
 91 75.3 51.8 77.8  
 206 19.6 14.5 21.7





#81  
 Benzo(a)anthracene  
 Concen: 37.103 ng  
 RT: 14.057 min Scan# 2035  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

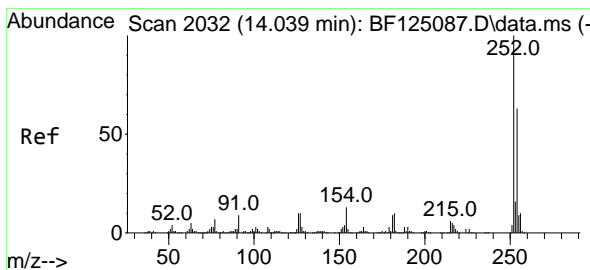
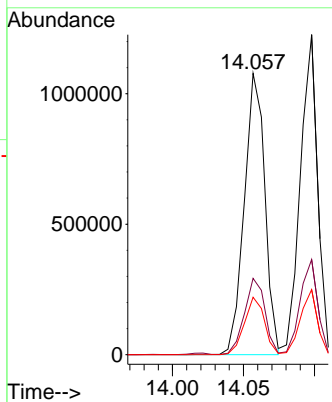
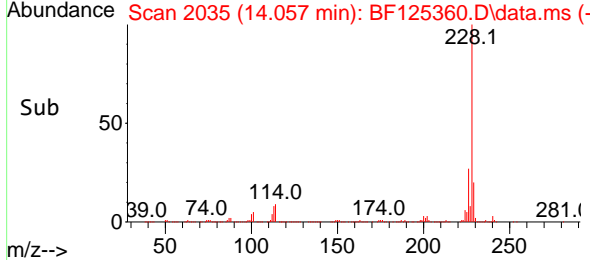
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



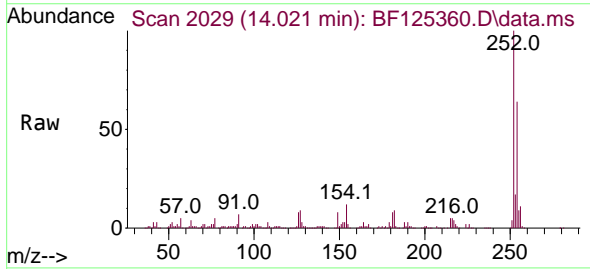
Tgt Ion:228 Resp: 1089500  
 Ion Ratio Lower Upper  
 228 100  
 226 27.1 21.6 32.4  
 229 20.4 15.6 23.4

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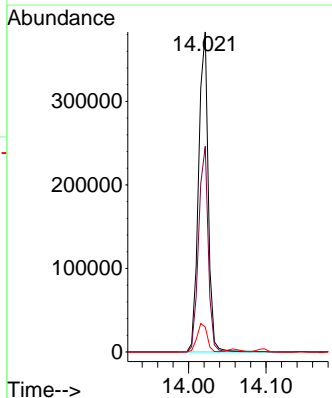
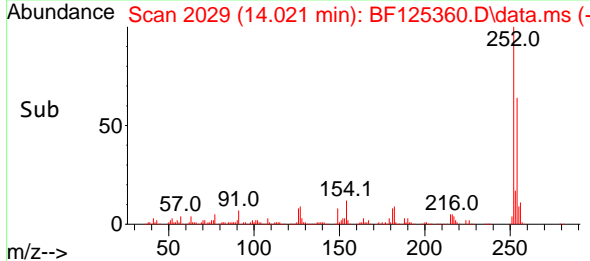
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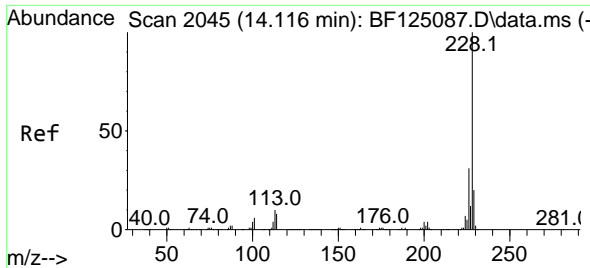


#82  
 3,3'-Dichlorobenzidine  
 Concen: 36.324 ng  
 RT: 14.021 min Scan# 2029  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



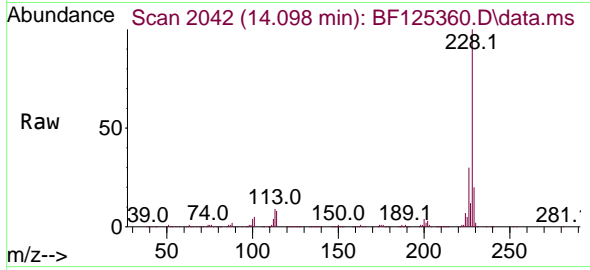
Tgt Ion:252 Resp: 330630  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 51.4 77.0  
 126 7.8 9.5 14.3#





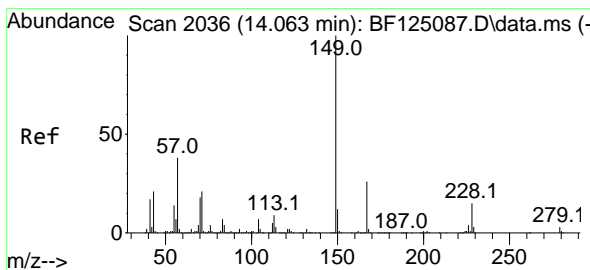
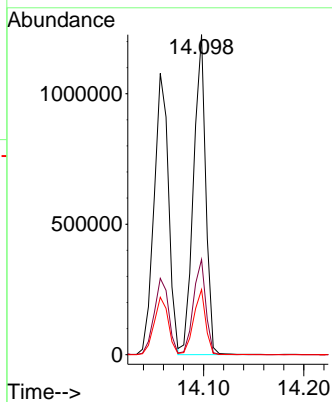
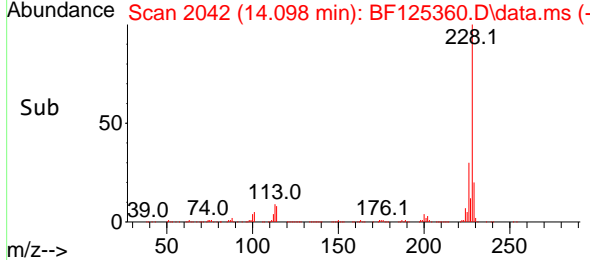
#83  
 Chrysene  
 Concen: 35.729 ng  
 RT: 14.098 min Scan# 2042  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

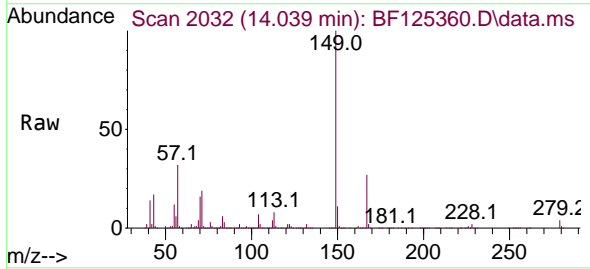


Tgt Ion:228 Resp: 1037531  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 22.6 34.0  
 229 20.3 15.9 23.9

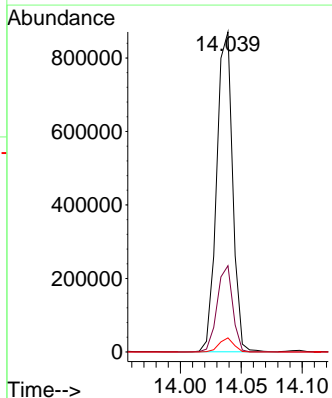
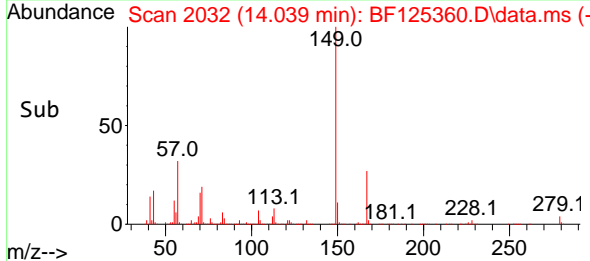
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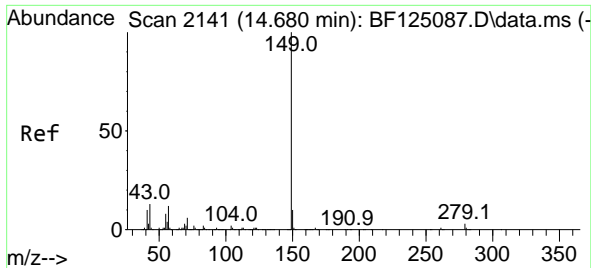


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.142 ng  
 RT: 14.039 min Scan# 2032  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



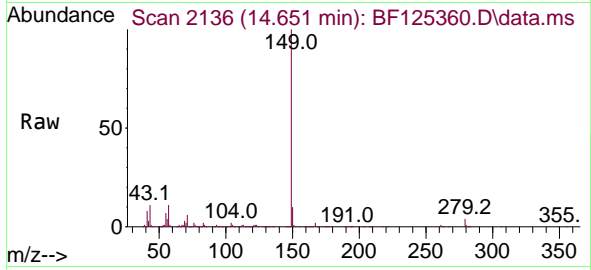
Tgt Ion:149 Resp: 795628  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 21.4 32.0  
 279 4.4 2.6 4.0#





#85  
 Di-n-octyl phthalate  
 Concen: 37.639 ng  
 RT: 14.651 min Scan# 2136  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

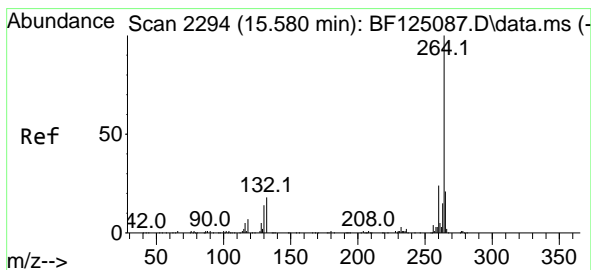
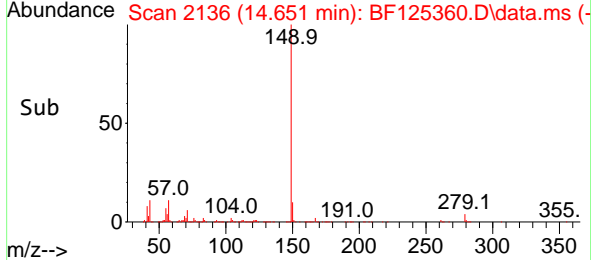
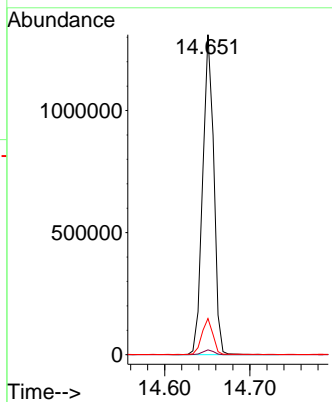


Tgt Ion:149 Resp: 1181902

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	11.3	9.9	14.9

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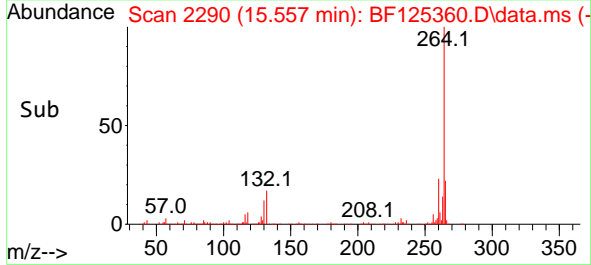
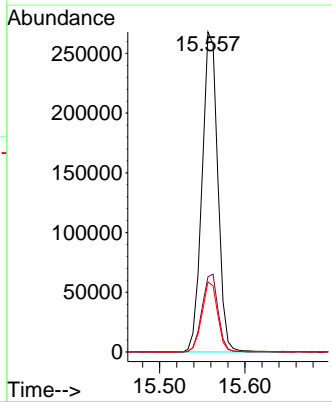
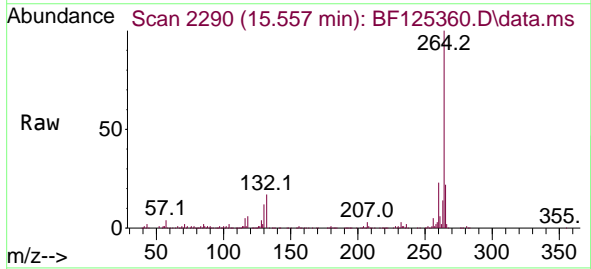
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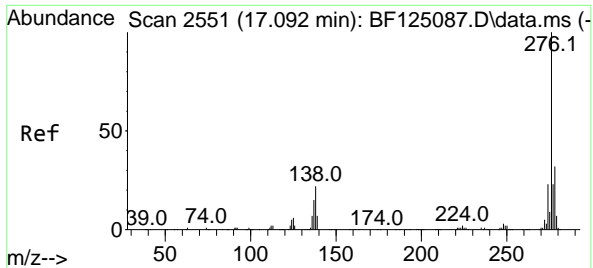


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2290  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

Tgt Ion:264 Resp: 343394

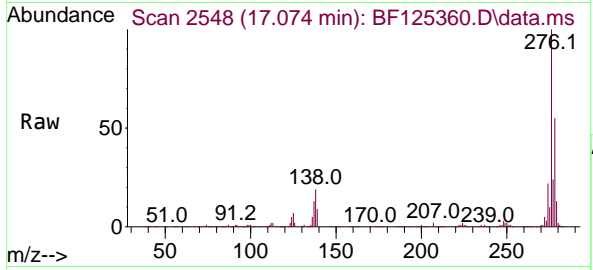
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.9	17.2	25.8





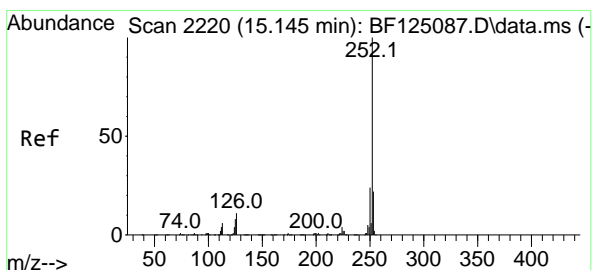
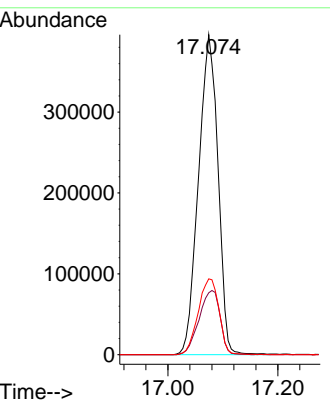
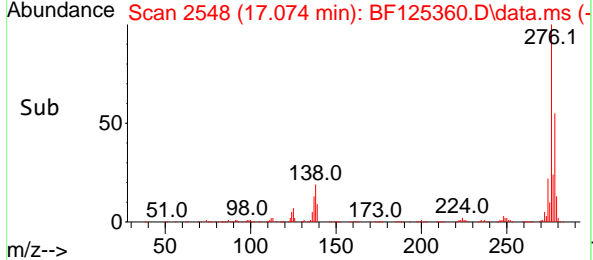
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.403 ng  
 RT: 17.074 min Scan# 2548  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040

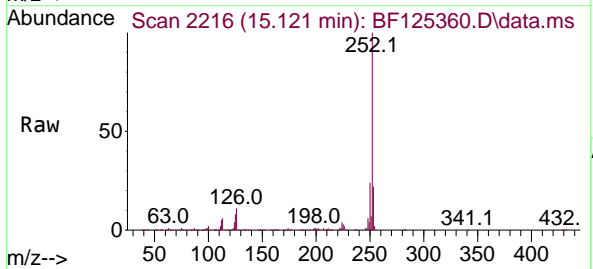


Tgt Ion:276 Resp: 974778  
 Ion Ratio Lower Upper  
 276 100  
 138 21.7 24.1 36.1#  
 277 25.2 18.8 28.2

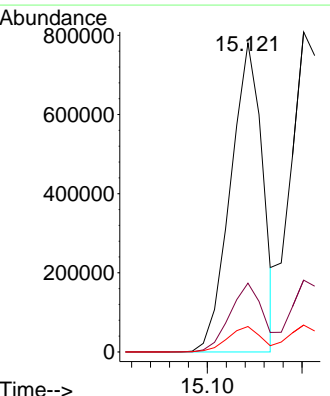
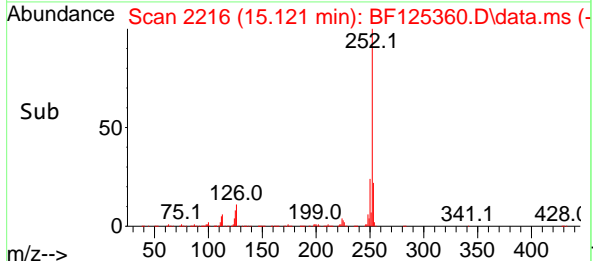
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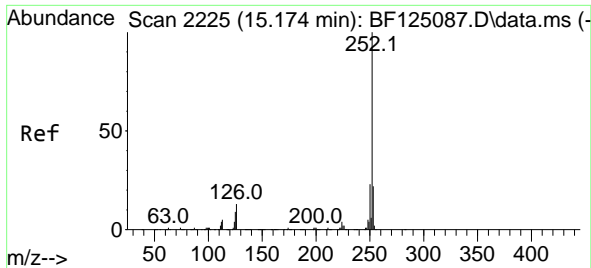


#88  
 Benzo(b)fluoranthene  
 Concen: 36.700 ng  
 RT: 15.121 min Scan# 2216  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



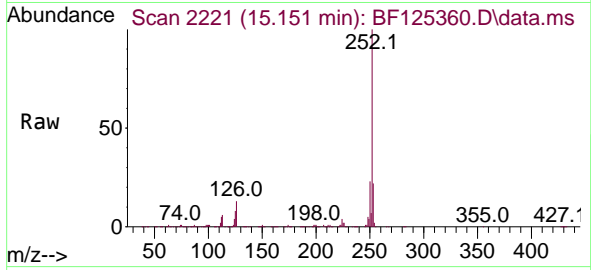
Tgt Ion:252 Resp: 920726  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 16.8 25.2  
 125 8.3 9.8 14.8#





#89  
 Benzo(k)fluoranthene  
 Concen: 38.847 ng  
 RT: 15.151 min Scan# 2221  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

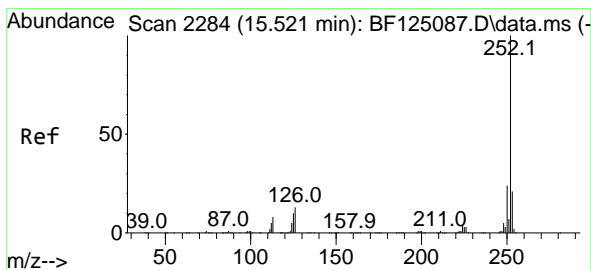
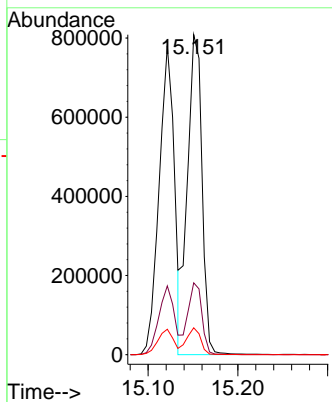
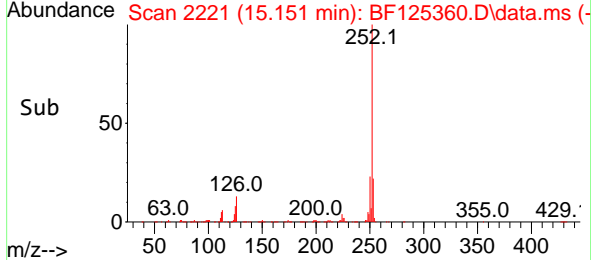
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



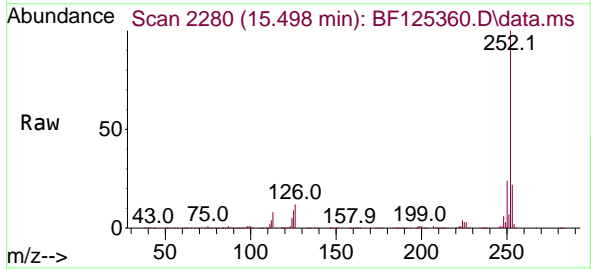
Tgt Ion:252 Resp: 909436  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.8  
 125 8.4 7.2 10.8

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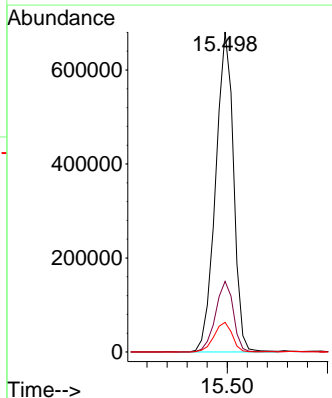
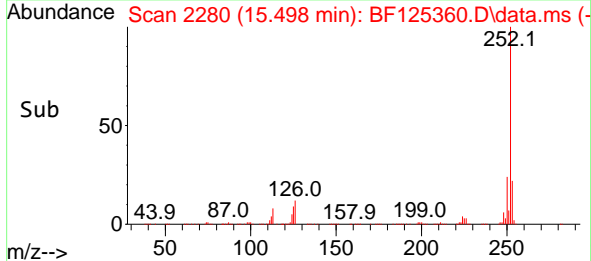
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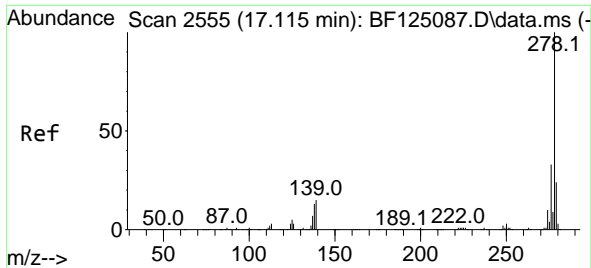
#90  
 Benzo(a)pyrene  
 Concen: 37.954 ng  
 RT: 15.498 min Scan# 2280  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07



Tgt Ion:252 Resp: 841089  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 18.4 27.6  
 125 9.2 9.9 14.9#

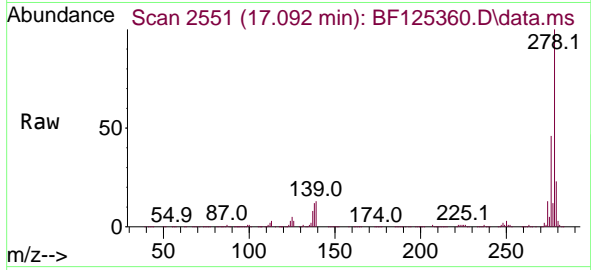






#91  
 Dibenzo(a,h)anthracene  
 Concen: 38.791 ng  
 RT: 17.092 min Scan# 2551  
 Delta R.T. 0.006 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

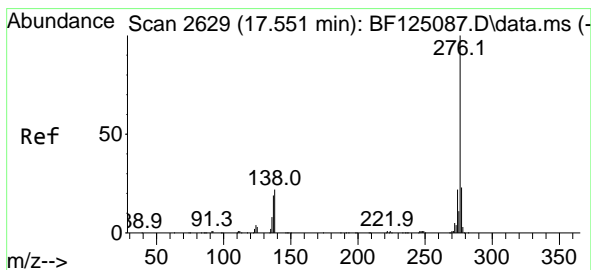
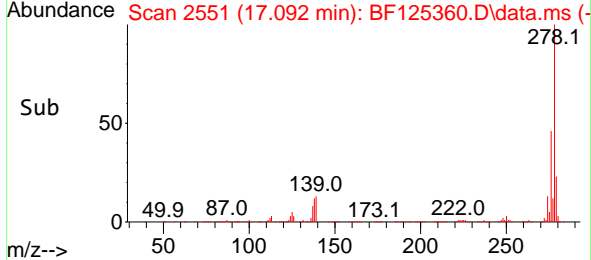
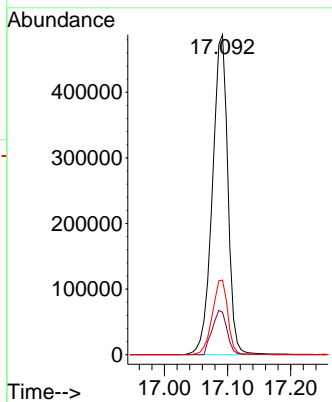
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SSTDCCC040



Tgt Ion:278 Resp: 829509  
 Ion Ratio Lower Upper  
 278 100  
 139 13.3 14.9 22.3#  
 279 23.3 19.7 29.5

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#92  
 Benzo(g,h,i)perylene  
 Concen: 40.646 ng  
 RT: 17.533 min Scan# 2626  
 Delta R.T. 0.000 min  
 Lab File: BF125360.D  
 Acq: 4 Sep 2021 10:07

Tgt Ion:276 Resp: 838068  
 Ion Ratio Lower Upper  
 276 100  
 277 23.6 22.0 33.0  
 138 18.8 22.2 33.4#

