Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127428.D
Acq On : 22 Mar 2022 01:49
Operator : CG\JU
Sample : N1958-16MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 05:28:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	97549	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	361905	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	210867	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	367296	20.000	ng	0.00
76) Chrysene-d12	14.027	240	236987	20.000	ng	0.00
86) Perylene-d12	15.504	264	189315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	744324	121.796	ng	0.03
7) Phenol-d6	6.492	99	968659	115.957	ng	0.00
23) Nitrobenzene-d5	7.422	82	762214	90.028	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	299506	133.335	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1268738	87.859	ng	0.00
79) Terphenyl-d14	12.968	244	1424580	98.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	118435	44.124	ng	# 80
3) Pyridine	3.551	79	268720	35.471	ng	98
4) n-Nitrosodimethylamine	3.504	42	200521	48.208	ng	99
6) Aniline	6.522	93	208190	20.884	ng	# 85
8) 2-Chlorophenol	6.639	128	310330	49.692	ng	94
9) Benzaldehyde	6.410	77	136593	30.290	ng	97
10) Phenol	6.510	94	384676	42.284	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	358424	53.844	ng	98
12) 1,3-Dichlorobenzene	6.792	146	308551	43.927	ng	95
13) 1,4-Dichlorobenzene	6.869	146	315861	44.705	ng	99
14) 1,2-Dichlorobenzene	7.016	146	303977	44.173	ng	98
15) Benzyl Alcohol	6.998	79	254486	41.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	563410	47.034	ng	80
17) 2-Methylphenol	7.110	107	272514	51.706	ng	94
18) Hexachloroethane	7.357	117	118252	45.716	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	247277	49.383	ng	99
20) 3+4-Methylphenols	7.263	107	314402	48.364	ng	93
22) Acetophenone	7.263	105	434920	47.012	ng	99
24) Nitrobenzene	7.439	77	391776	48.522	ng	98
25) Isophorone	7.675	82	716311	53.121	ng	99
26) 2-Nitrophenol	7.751	139	163314	48.227	ng	99
27) 2,4-Dimethylphenol	7.792	122	290494	57.028	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	415678	47.454	ng	99
29) 2,4-Dichlorophenol	7.998	162	281089	48.608	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	304492	45.187	ng	98
31) Naphthalene	8.157	128	897666	46.719	ng	99
32) Benzoic acid	7.951	122	160490m	53.962	ng	
33) 4-Chloroaniline	8.210	127	78833	10.588	ng	99
34) Hexachlorobutadiene	8.263	225	189767	44.348	ng	99
35) Caprolactam	8.604	113	65643m	36.821	ng	
36) 4-Chloro-3-methylphenol	8.704	107	310976	49.565	ng	99
37) 2-Methylnaphthalene	8.845	142	595661	48.213	ng	100
38) 1-Methylnaphthalene	8.945	142	567706	46.470	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	312039	46.541	ng	99
41) Hexachlorocyclopentadiene	8.992	237	258079	99.330	ng	95
43) 2,4,6-Trichlorophenol	9.128	196	194672	48.034	ng	96

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QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	217325	52.093	ng	94
46) 1,1'-Biphenyl	9.310	154	734120	46.096	ng	99
47) 2-Chloronaphthalene	9.339	162	582992	46.486	ng	99
48) 2-Nitroaniline	9.445	65	229632	47.775	ng	98
49) Acenaphthylene	9.757	152	917951	48.416	ng	99
50) Dimethylphthalate	9.616	163	705573	48.097	ng	99
51) 2,6-Dinitrotoluene	9.686	165	152764	49.609	ng	95
52) Acenaphthene	9.927	154	528671	47.791	ng	98
53) 3-Nitroaniline	9.857	138	88957	26.335	ng	97
54) 2,4-Dinitrophenol	9.975	184	166468	104.164	ng	99
55) Dibenzofuran	10.098	168	778463	49.070	ng	98
56) 4-Nitrophenol	10.033	139	162318	94.414	ng	98
57) 2,4-Dinitrotoluene	10.092	165	192585	48.588	ng	97
58) Fluorene	10.445	166	629902	49.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	176485	47.848	ng	98
60) Diethylphthalate	10.316	149	625190	46.660	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	329689	43.484	ng	97
62) 4-Nitroaniline	10.486	138	140022	44.255	ng	93
63) Azobenzene	10.592	77	715865	45.280	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	111310	49.251	ng	95
66) n-Nitrosodiphenylamine	10.557	169	541272	48.411	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	207366	48.357	ng	94
68) Hexachlorobenzene	10.986	284	234152	50.023	ng	96
69) Atrazine	11.080	200	192751	51.785	ng	98
70) Pentachlorophenol	11.192	266	209359	112.822	ng	98
71) Phenanthrene	11.410	178	911759	47.615	ng	100
72) Anthracene	11.463	178	926995	48.783	ng	99
73) Carbazole	11.621	167	837165	46.067	ng	99
74) Di-n-butylphthalate	11.933	149	932935	49.596	ng	99
75) Fluoranthene	12.598	202	1018825	48.374	ng	99
77) Benzidine	12.721	184	142826	25.276	ng	97
78) Pyrene	12.827	202	1021653	50.232	ng	100
80) Butylbenzylphthalate	13.433	149	356402	53.242	ng	99
81) Benzo(a)anthracene	14.015	228	788949	49.781	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	129201	27.738	ng	97
83) Chrysene	14.057	228	725035	48.312	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	436331	56.388	ng	99
85) Di-n-octyl phthalate	14.598	149	572679	55.616	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	643505	50.234	ng	99
88) Benzo(b)fluoranthene	15.074	252	601842	50.419	ng	98
89) Benzo(k)fluoranthene	15.104	252	578085	46.716	ng	99
90) Benzo(a)pyrene	15.445	252	566387	57.816	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	558111	52.770	ng	97
92) Benzo(g,h,i)perylene	17.462	276	568242	51.981	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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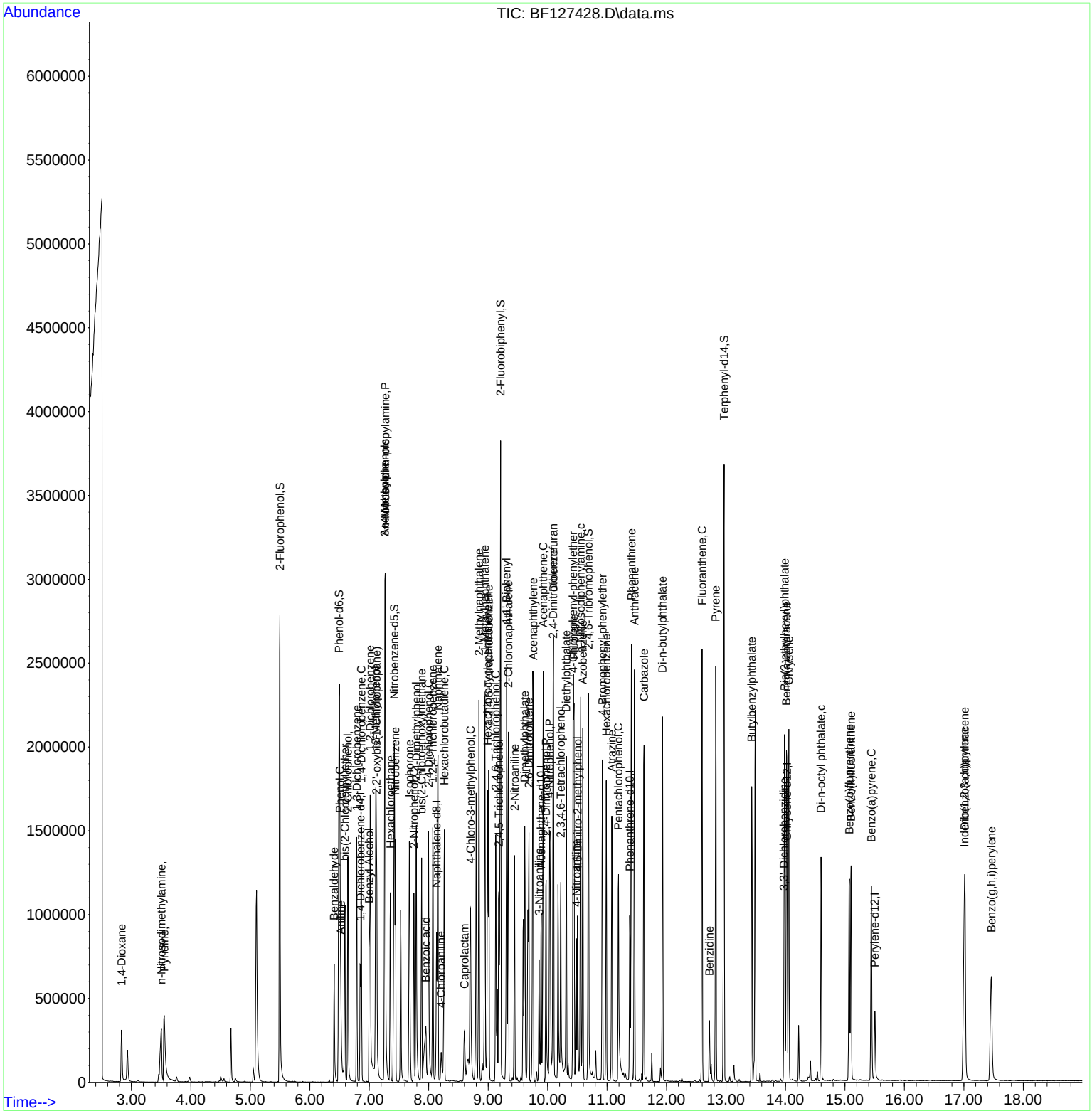
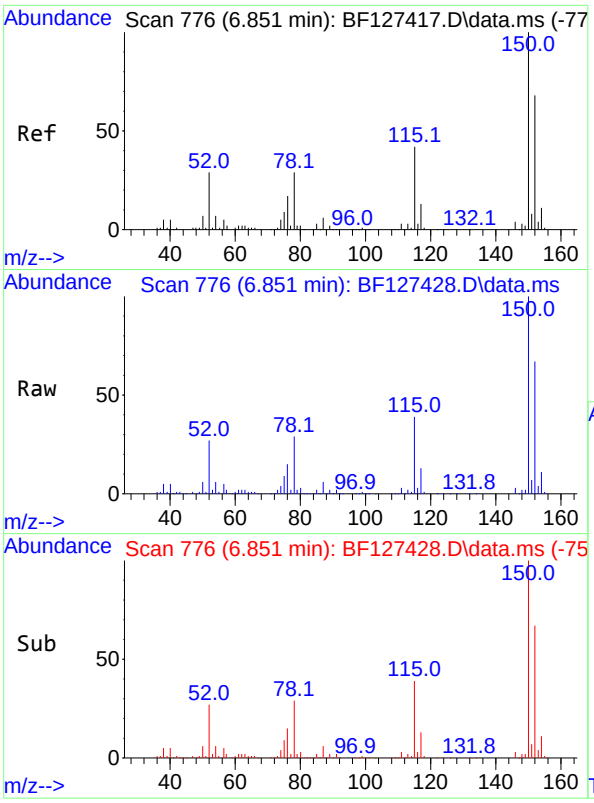
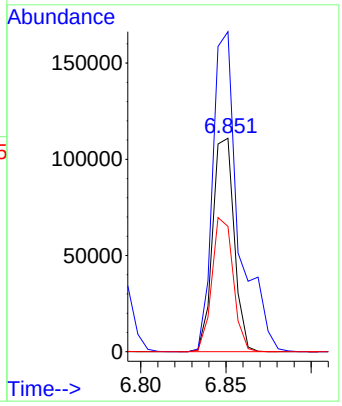




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:152 Resp: 9754

Ion	Ratio	Lower	Upper
152	100		
150	149.9	117.2	175.8
115	58.7	49.8	74.6



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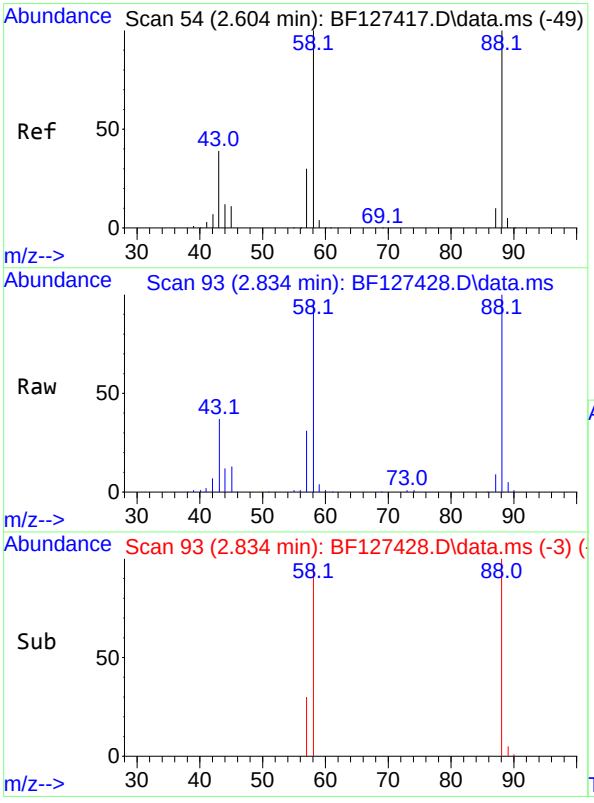
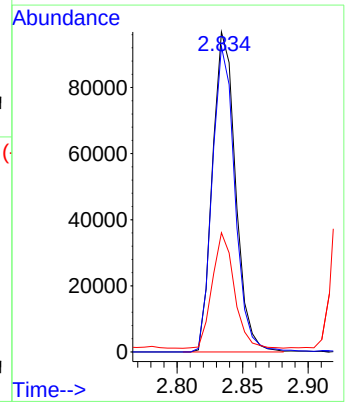
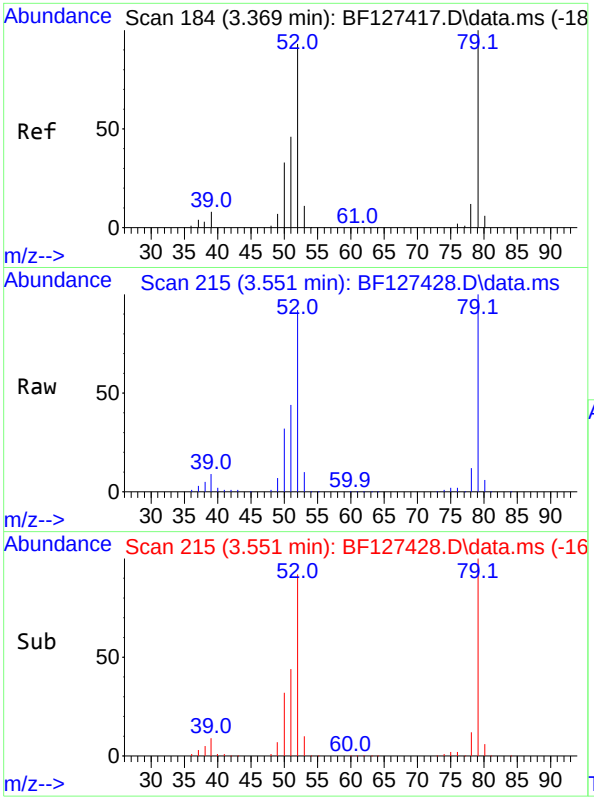


#2
1,4-Dioxane
Concen: 44.124 ng
RT: 2.834 min Scan# 93
Delta R.T. 0.229 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 88 Resp: 118435

Ion	Ratio	Lower	Upper
88	100		
58	93.9	77.0	115.4
43	0.0	31.3	46.9#

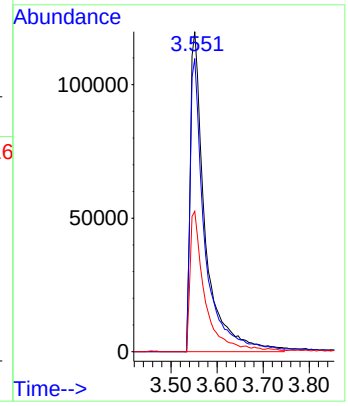




#3
Pyridine
Concen: 35.471 ng
RT: 3.551 min Scan# 21
Delta R.T. 0.182 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 79 Resp: 26872

Ion	Ratio	Lower	Upper
79	100		
52	91.6	74.2	111.4
51	43.9	36.7	55.1



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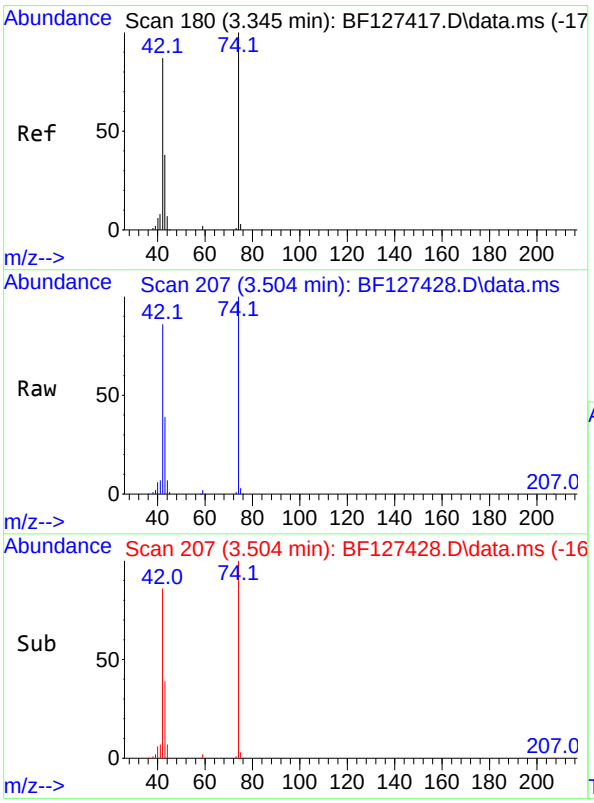
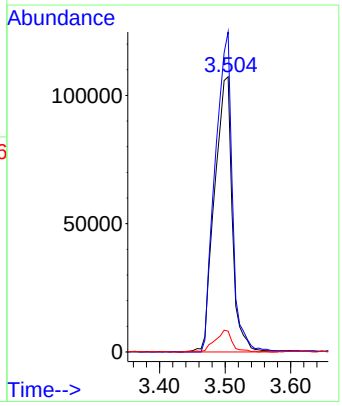
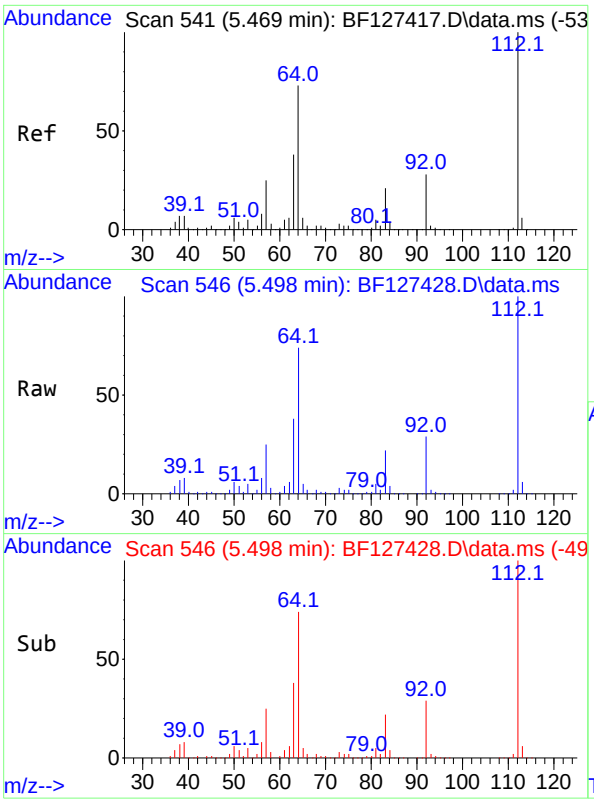


#4
n-Nitrosodimethylamine
Concen: 48.208 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.159 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 42 Resp: 200521

Ion	Ratio	Lower	Upper
42	100		
74	116.2	92.4	138.6
44	7.6	6.0	9.0





#5
2-Fluorophenol
Concen: 121.796 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.029 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:112 Resp: 74432

Ion	Ratio	Lower	Upper
112	100		
64	74.2	58.4	87.6
63	38.3	30.1	45.1

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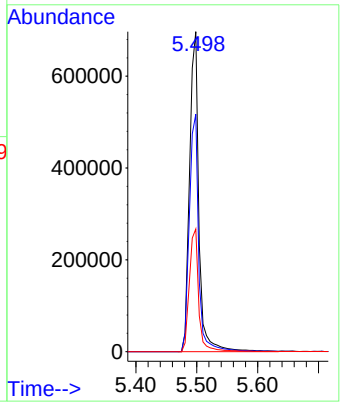
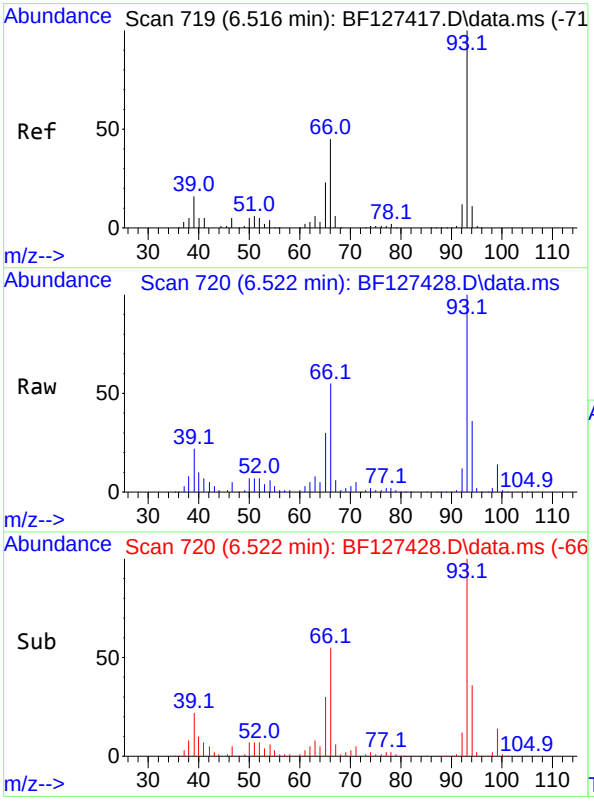
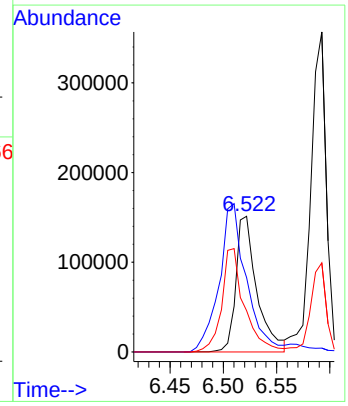


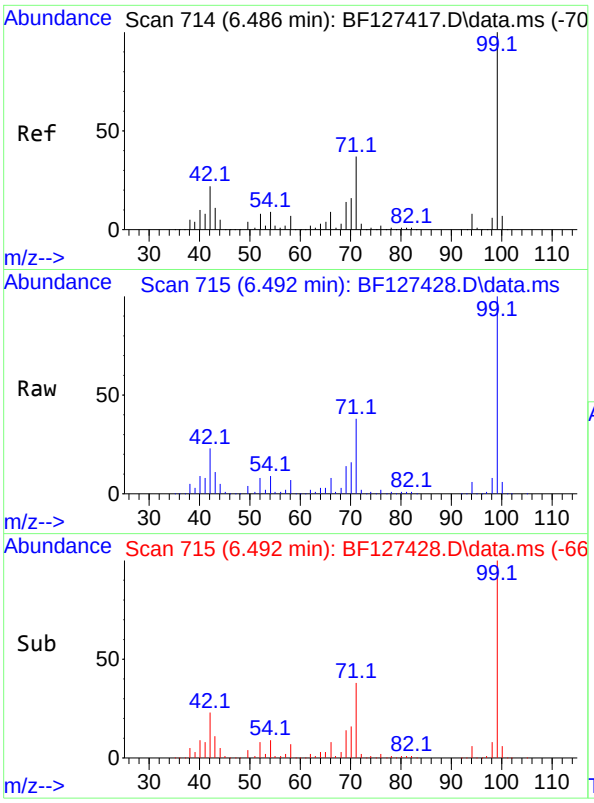


#6
Aniline
Concen: 20.884 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 93 Resp: 208190

Ion	Ratio	Lower	Upper
93	100		
66	54.8	36.2	54.4#
65	30.5	18.4	27.6#

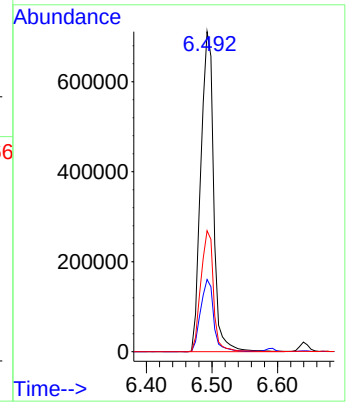




#7
Phenol-d6
Concen: 115.957 ng
RT: 6.492 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 99 Resp: 96865

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	37.8	29.6	44.4



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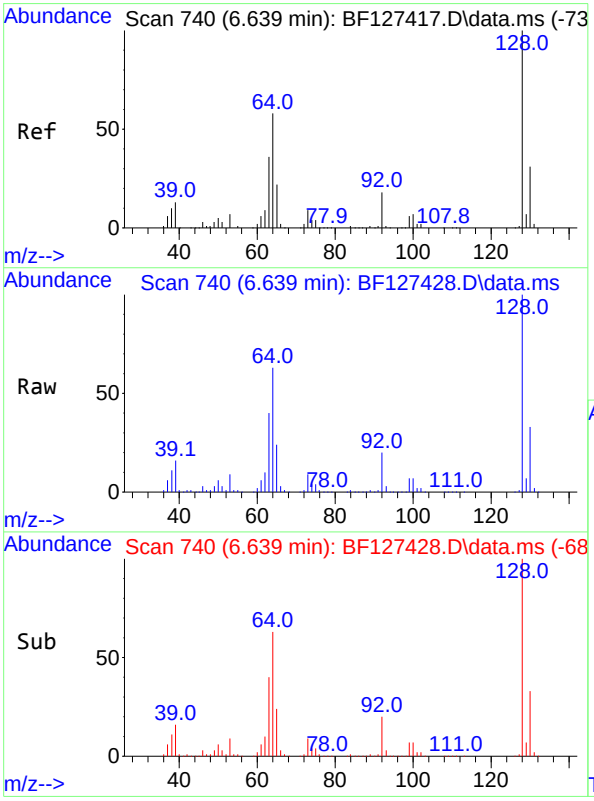
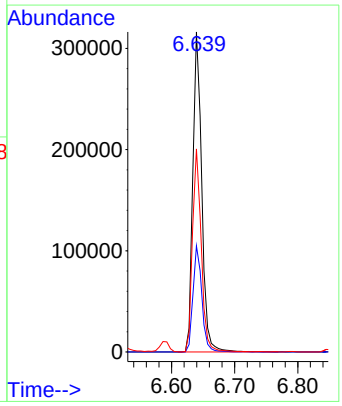
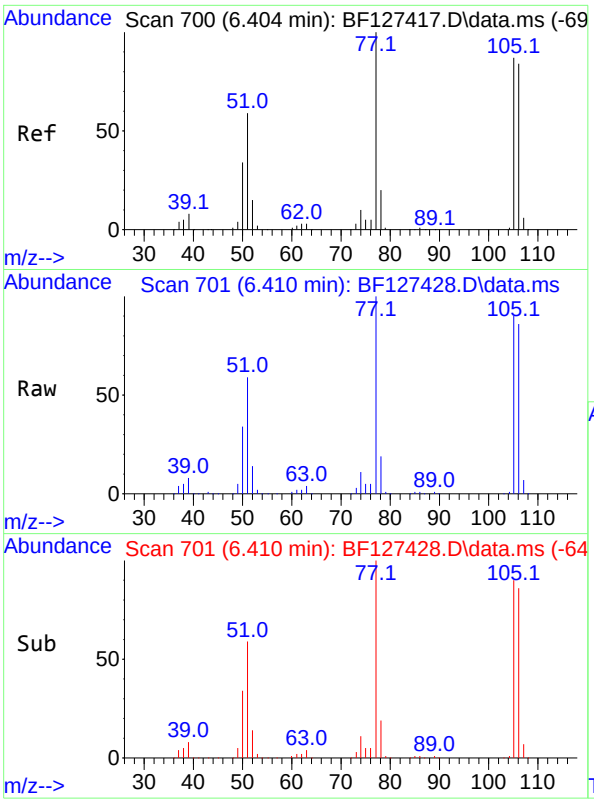


#8
2-Chlorophenol
Concen: 49.692 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:128 Resp: 310330

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.3	51.3
64	63.4	38.4	78.4

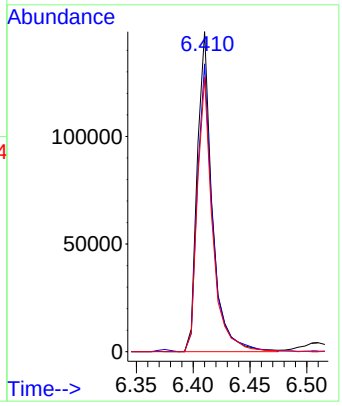




#9
Benzaldehyde
Concen: 30.290 ng
RT: 6.410 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 77 Resp: 13659

Ion	Ratio	Lower	Upper
77	100		
105	90.0	66.8	106.8
106	85.7	64.3	104.3



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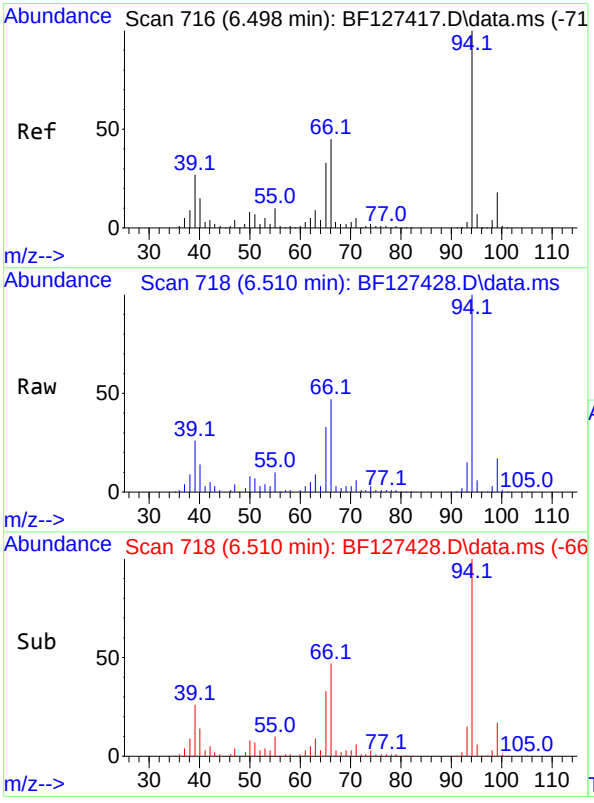
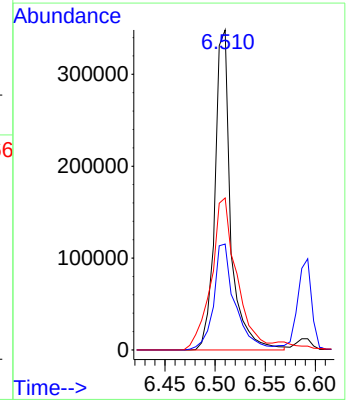
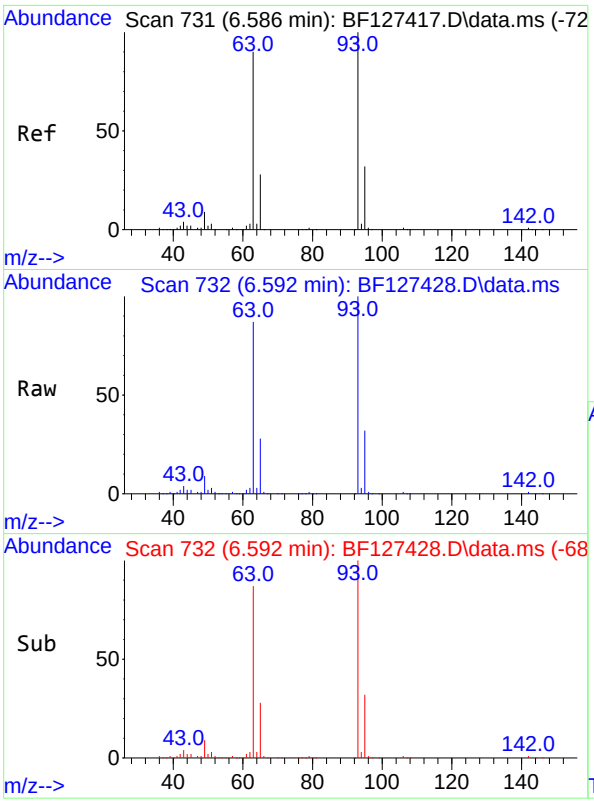


#10
Phenol
Concen: 42.284 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.012 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 94 Resp: 384676

Ion	Ratio	Lower	Upper
94	100		
65	33.1	13.1	53.1
66	47.5	24.9	64.9

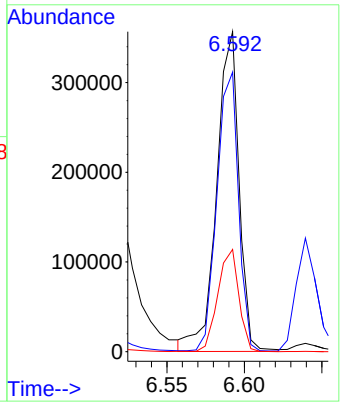




#11
bis(2-Chloroethyl)ether
Concen: 53.844 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 93 Resp: 35842

Ion	Ratio	Lower	Upper
93	100		
63	87.4	69.6	109.6
95	31.9	11.6	51.6



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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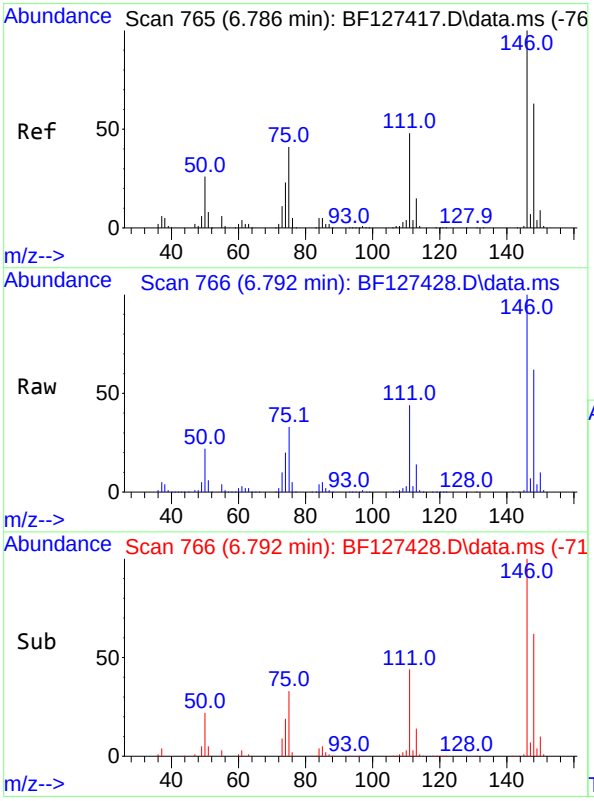
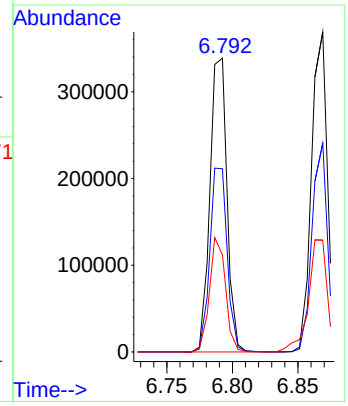
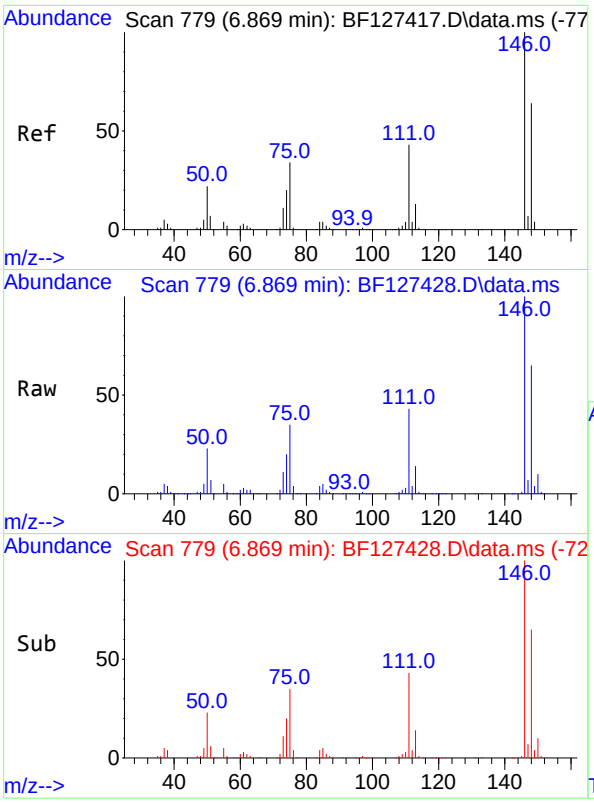


#12
1,3-Dichlorobenzene
Concen: 43.927 ng
RT: 6.792 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:146 Resp: 308551

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	76.0
75	33.1	32.4	48.6

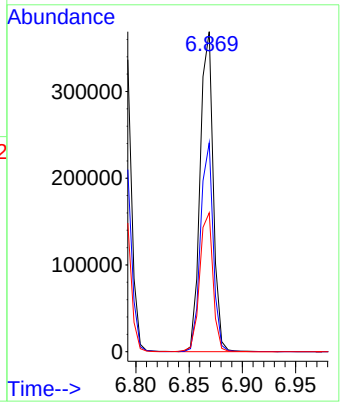




#13
1,4-Dichlorobenzene
Concen: 44.705 ng
RT: 6.869 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:146 Resp: 31586

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	43.4	34.2	51.4



Instrument :
BNA_F
ClientSampleId :
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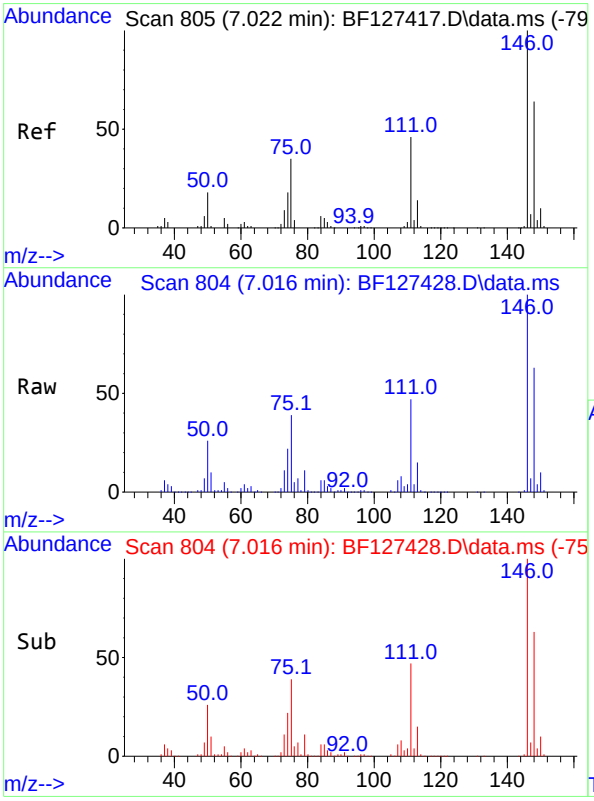
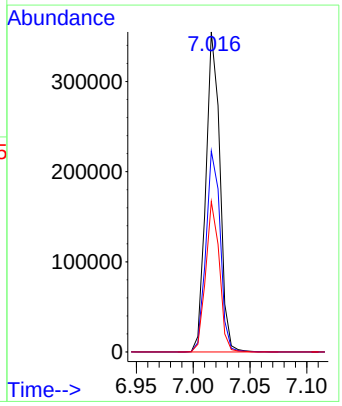
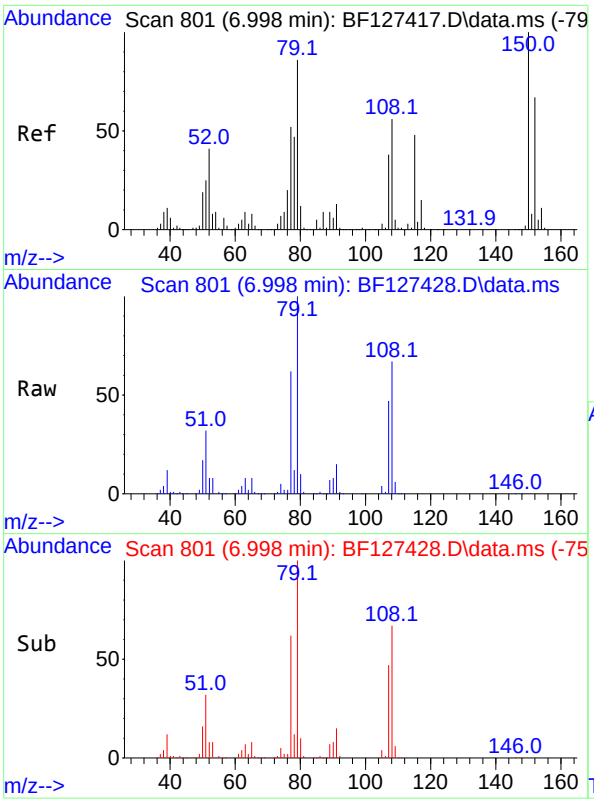


#14
1,2-Dichlorobenzene
Concen: 44.173 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:146 Resp: 303977

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
111	47.0	36.4	54.6





#15
Benzyl Alcohol
Concen: 41.919 ng
RT: 6.998 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 79 Resp: 25448

Ion	Ratio	Lower	Upper
79	100		
108	66.7	52.2	78.2
77	61.8	48.3	72.5

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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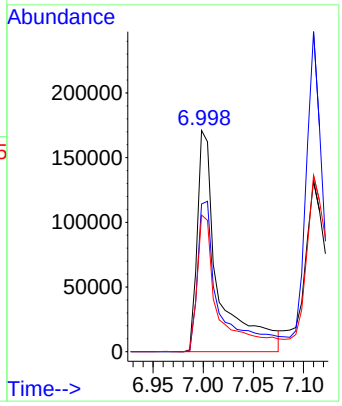
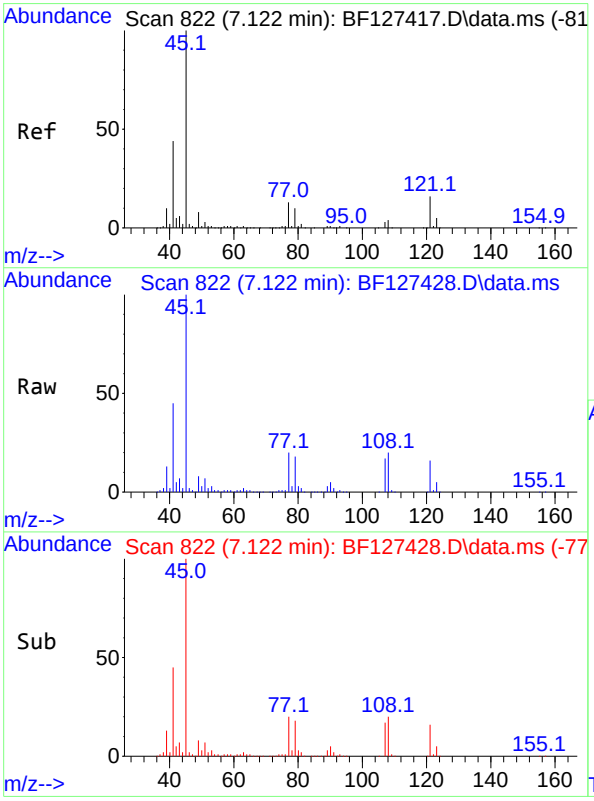
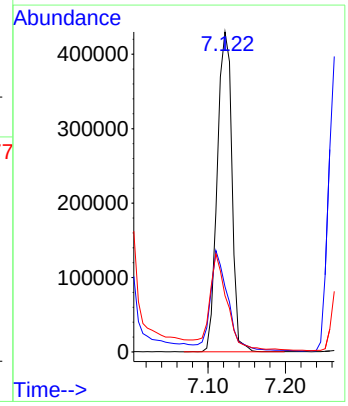


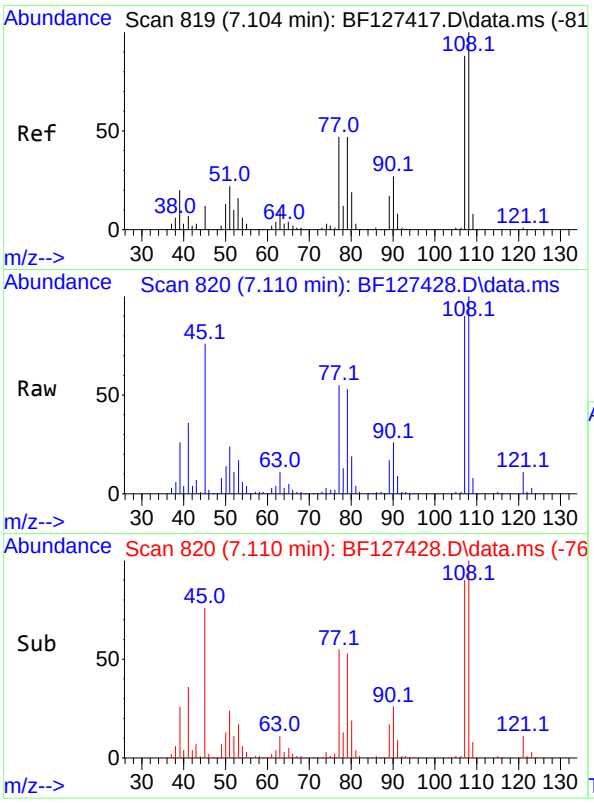


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.034 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 45 Resp: 563410

Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	32.9
79	17.6	0.0	29.9

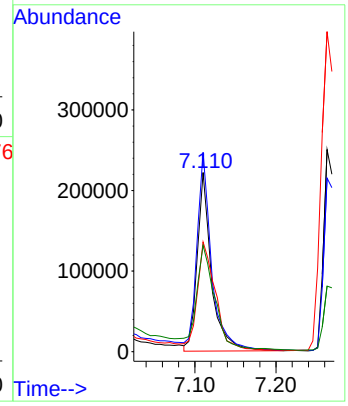




#17
2-Methylphenol
Concen: 51.706 ng
RT: 7.110 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:107 Resp: 27251

Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.7	136.1
77	61.3	42.9	64.3
79	59.3	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
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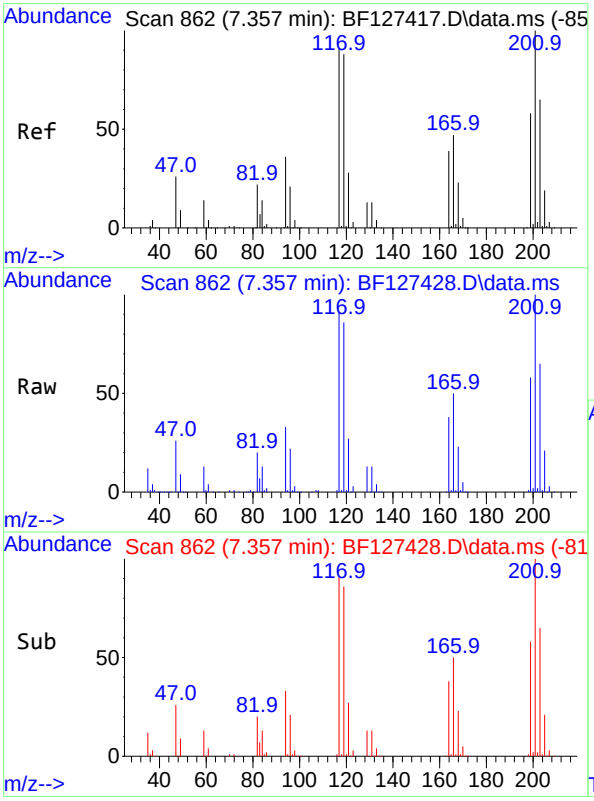
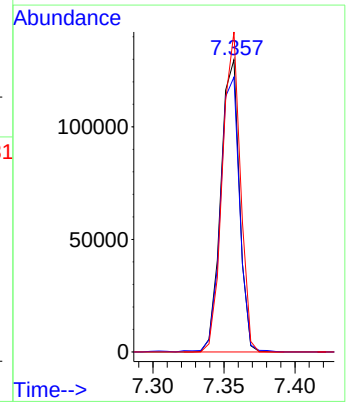
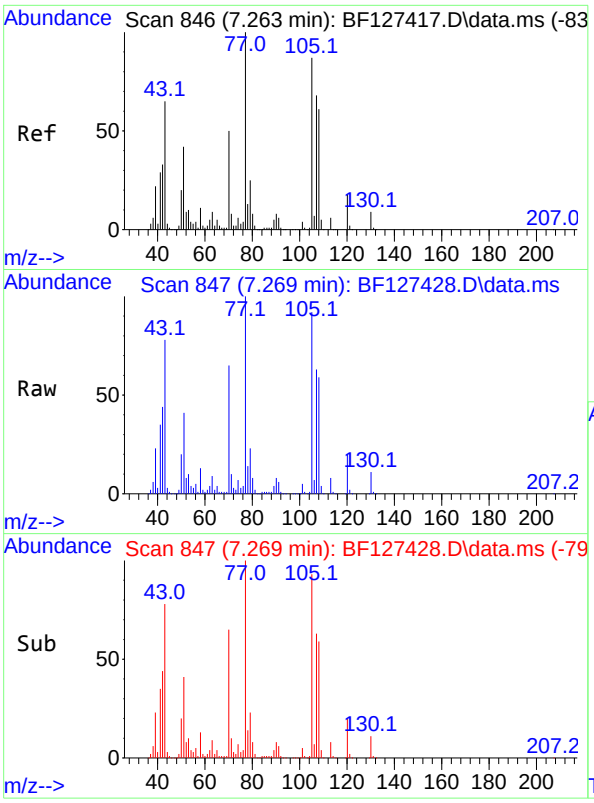


#18
Hexachloroethane
Concen: 45.716 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:117 Resp: 118252

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.6	116.4
201	109.5	88.2	132.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.383 ng
RT: 7.269 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

Tgt Ion: 70 Resp: 24727

Ion	Ratio	Lower	Upper
70	100		
42	67.4	53.0	79.6
101	8.2	6.8	10.2
130	17.7	13.8	20.6

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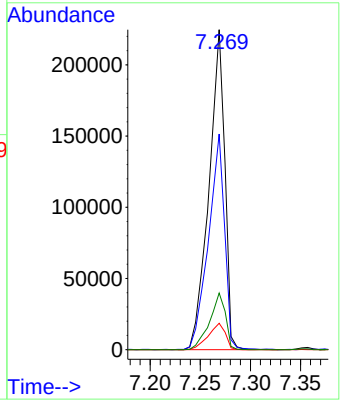
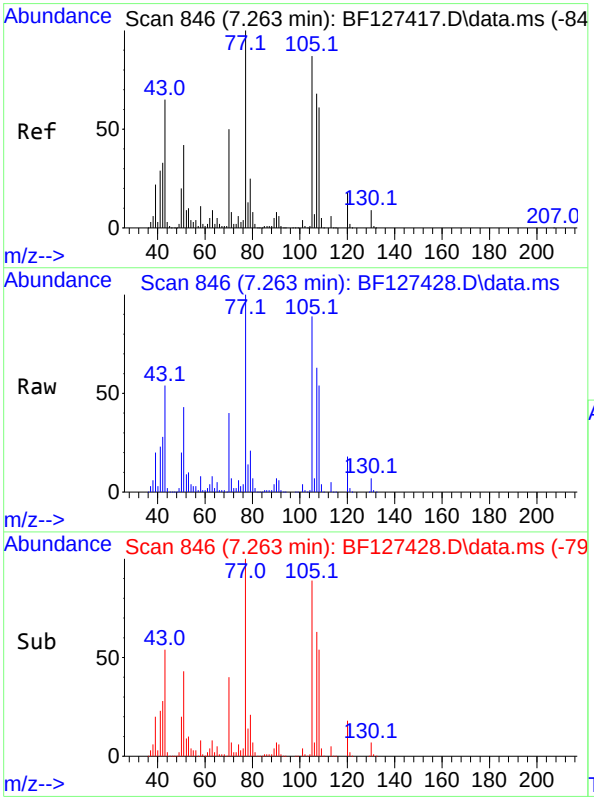
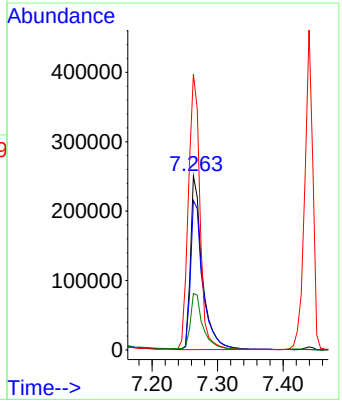


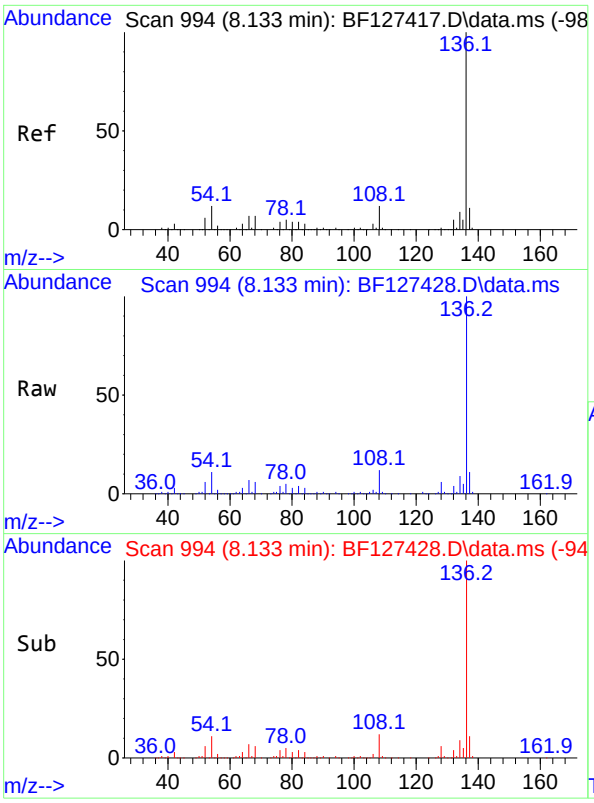


#20
3+4-Methylphenols
Concen: 48.364 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:107 Resp: 314402

Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.7	110.7
77	158.3	127.9	167.9
79	32.5	16.8	56.8

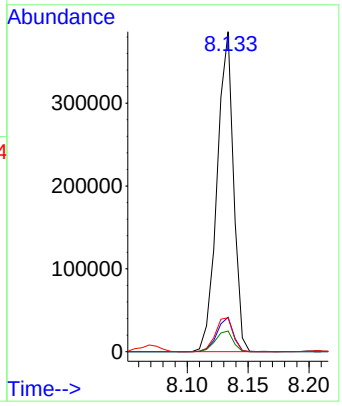




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:136 Resp: 36190

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.6	9.2	13.8
68	6.4	5.4	8.0



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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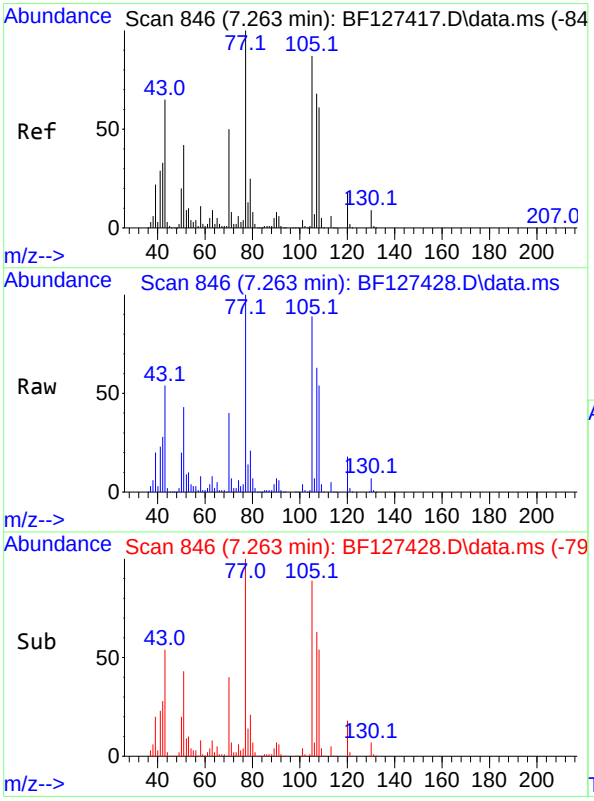
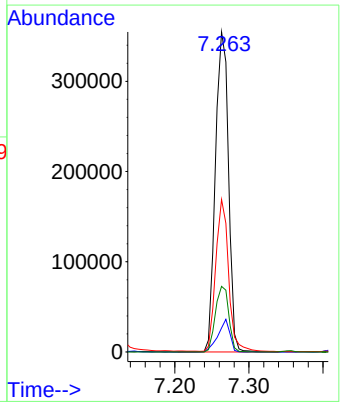
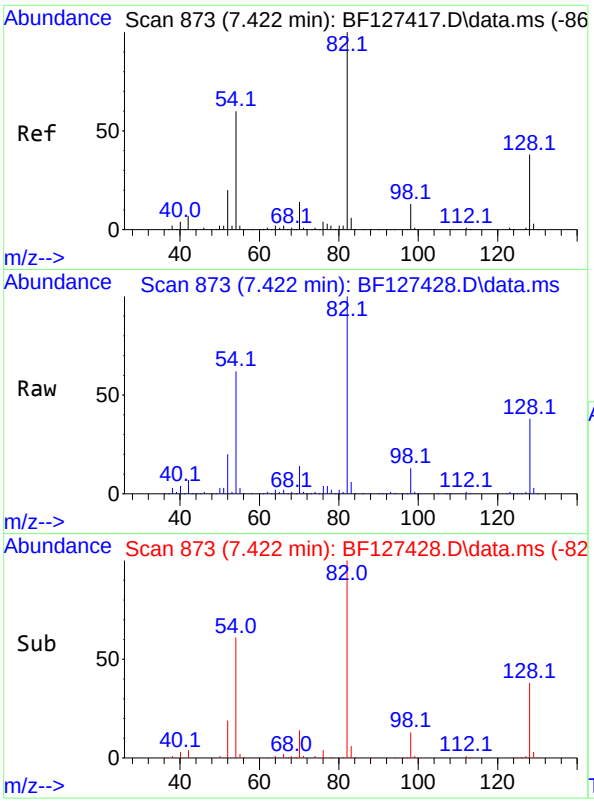


#22
Acetophenone
Concen: 47.012 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:105 Resp: 434920

Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.3	10.9
51	47.7	38.8	58.2
120	20.5	16.5	24.7





#23
Nitrobenzene-d5
Concen: 90.028 ng
RT: 7.422 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 82 Resp: 76221

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	61.9	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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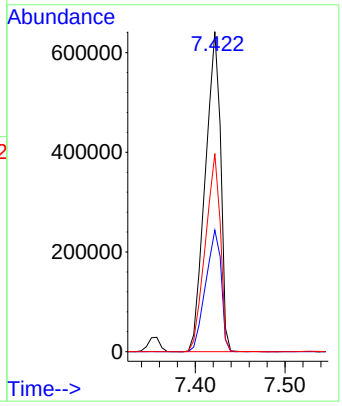
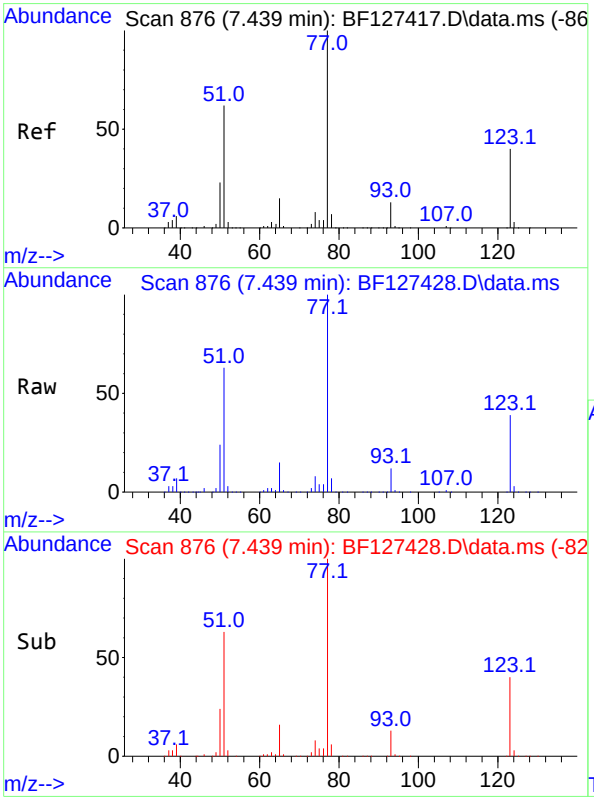
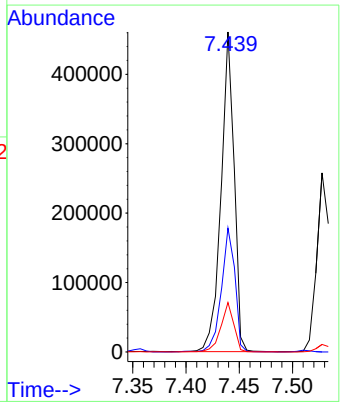


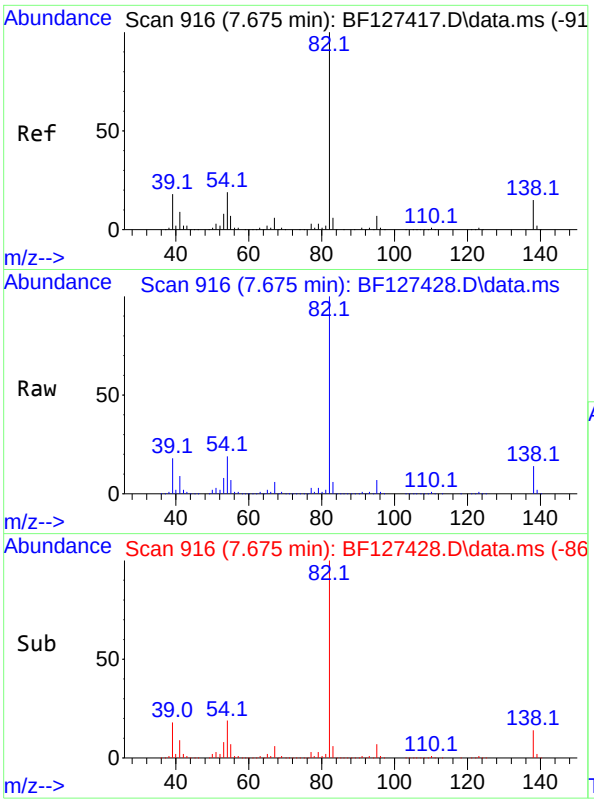


#24
Nitrobenzene
Concen: 48.522 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 77 Resp: 391776

Ion	Ratio	Lower	Upper
77	100		
123	38.7	32.0	48.0
65	15.5	12.2	18.2

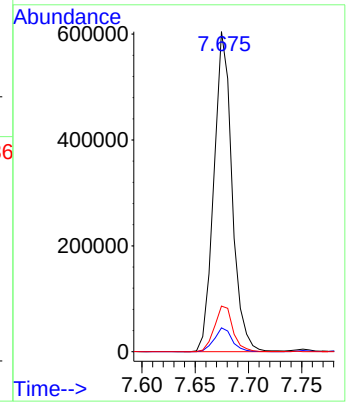




#25
Isophorone
Concen: 53.121 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 82 Resp: 71631

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	14.2	11.6	17.4



Instrument :
BNA_F
ClientSampleId :
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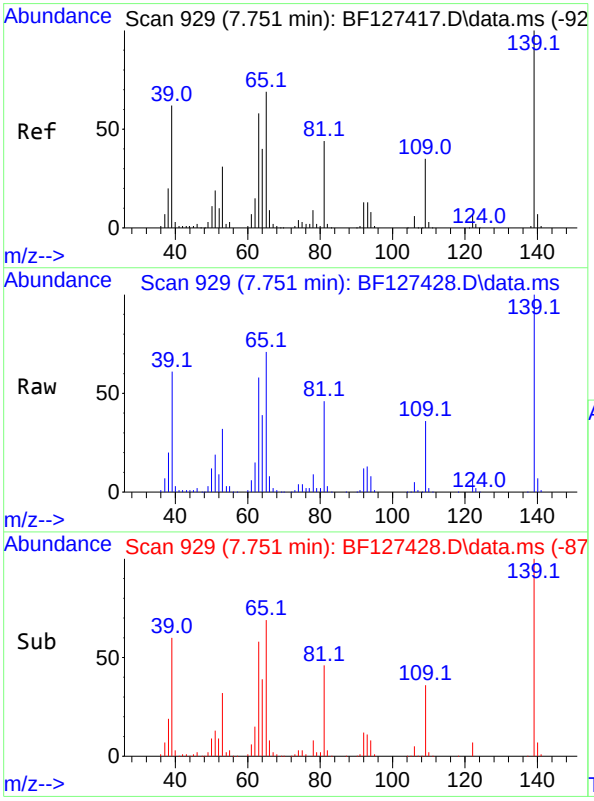
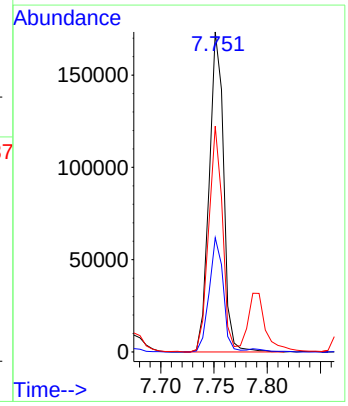
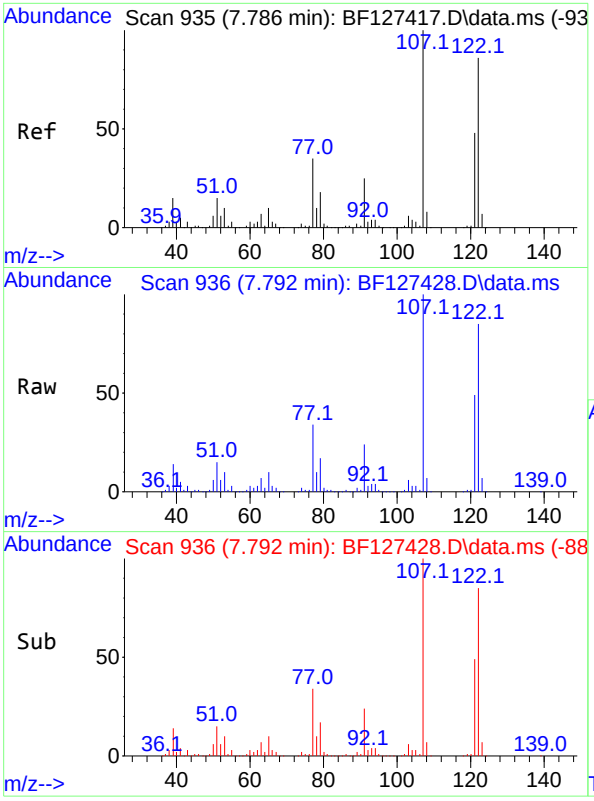


#26
2-Nitrophenol
Concen: 48.227 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:139 Resp: 163314

Ion	Ratio	Lower	Upper
139	100		
109	35.7	28.2	42.2
65	70.6	55.3	82.9

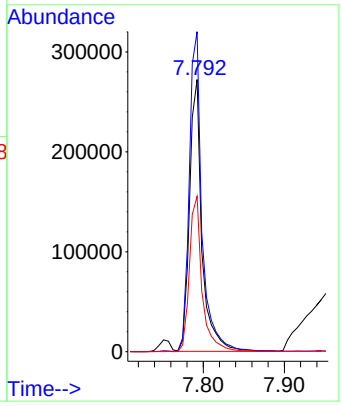




#27
2,4-Dimethylphenol
Concen: 57.028 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:122 Resp: 29049

Ion	Ratio	Lower	Upper
122	100		
107	117.6	93.0	139.4
121	57.1	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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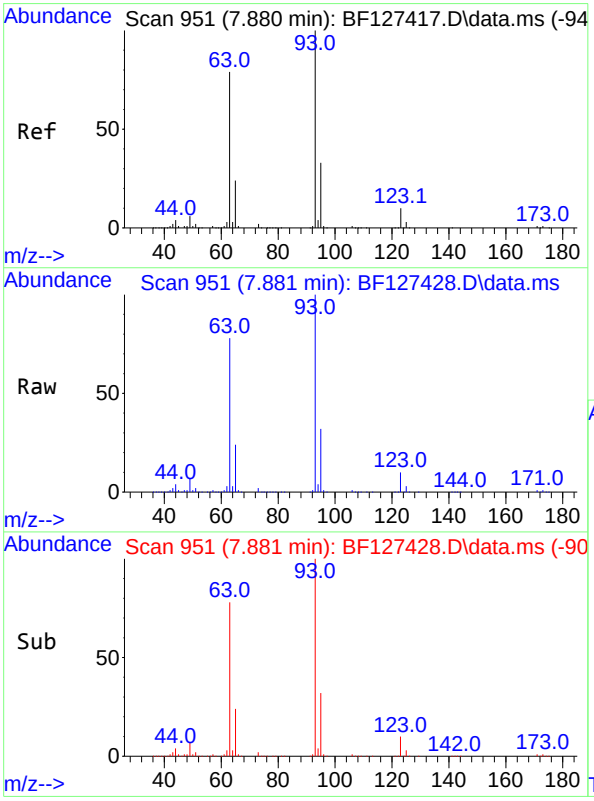
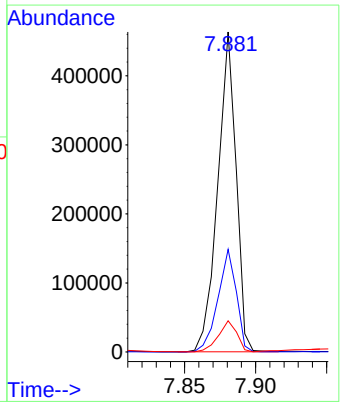
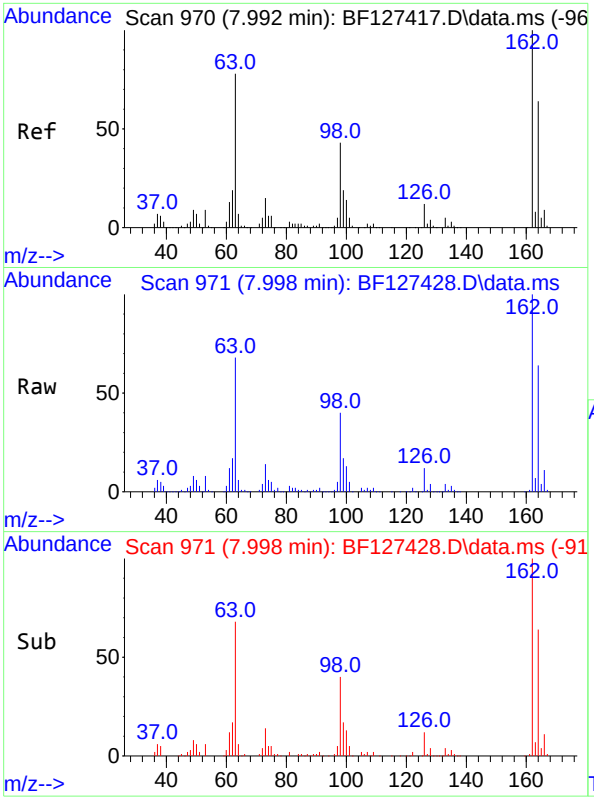


#28
bis(2-Chloroethoxy)methane
Concen: 47.454 ng
RT: 7.881 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 93 Resp: 415678

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	9.8	8.0	12.0

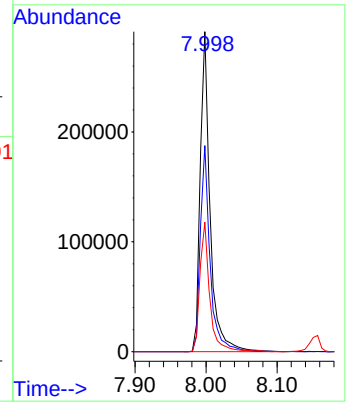




#29
2,4-Dichlorophenol
Concen: 48.608 ng
RT: 7.998 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:162 Resp: 28108

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	40.5	23.5	63.5



Instrument :
BNA_F
ClientSampleId :
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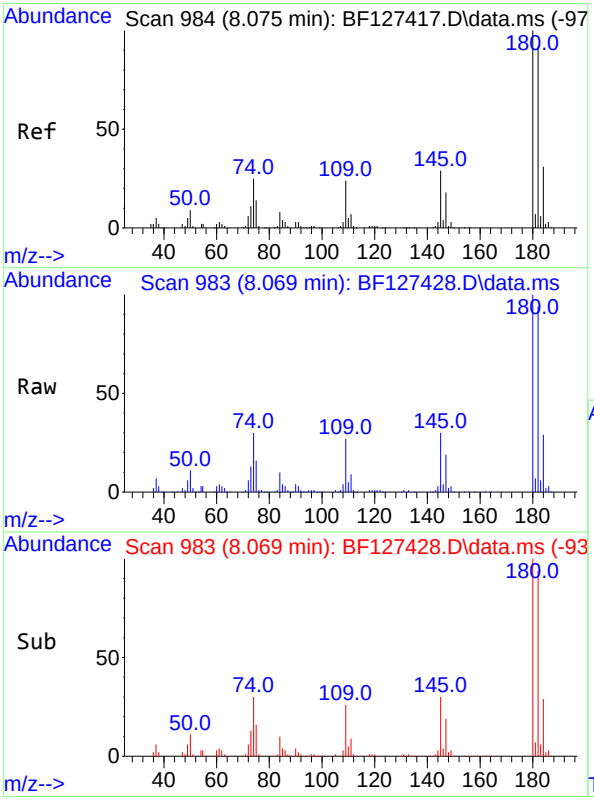
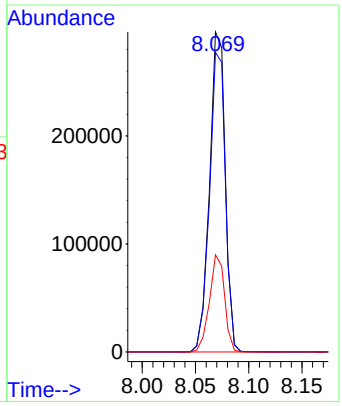
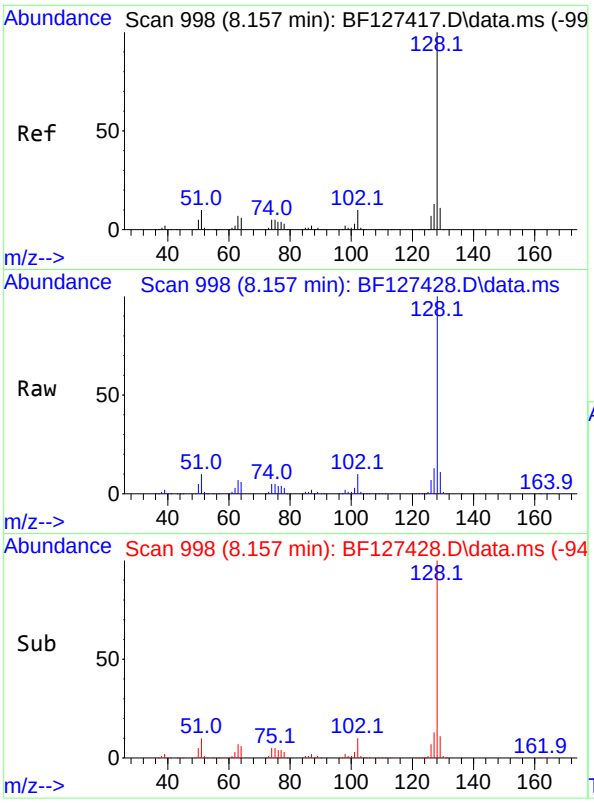


#30
1,2,4-Trichlorobenzene
Concen: 45.187 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:180 Resp: 304492

Ion	Ratio	Lower	Upper
180	100		
182	93.7	73.8	110.6
145	30.4	23.3	34.9

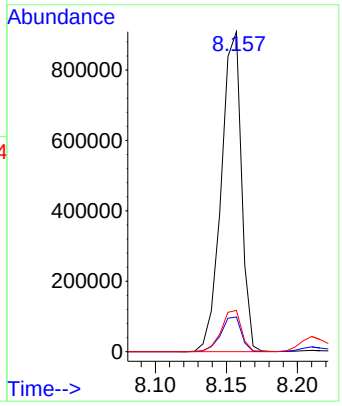




#31
Naphthalene
Concen: 46.719 ng
RT: 8.157 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:128 Resp: 89766

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	12.9	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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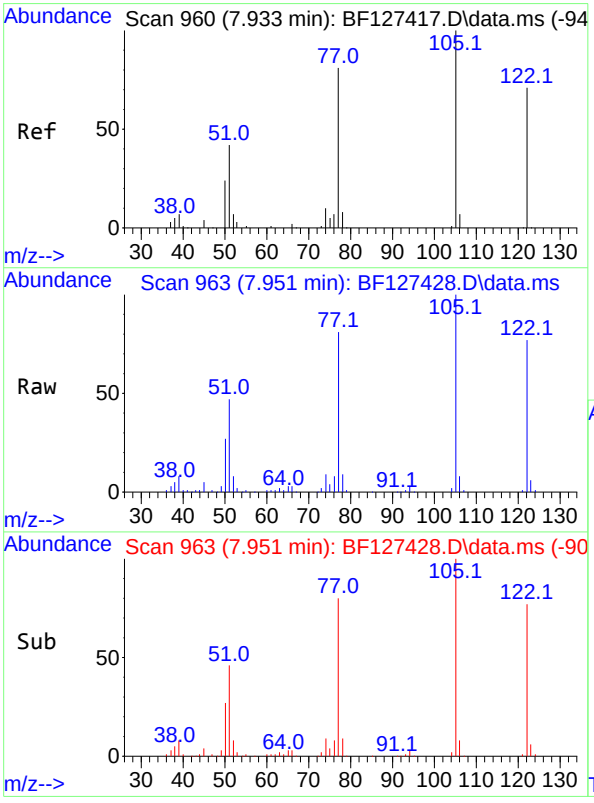
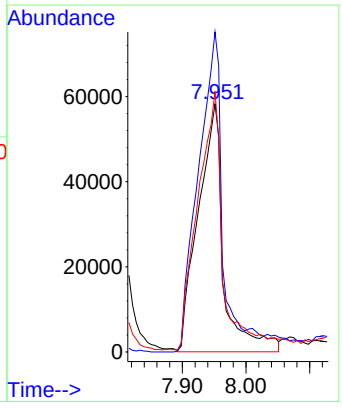
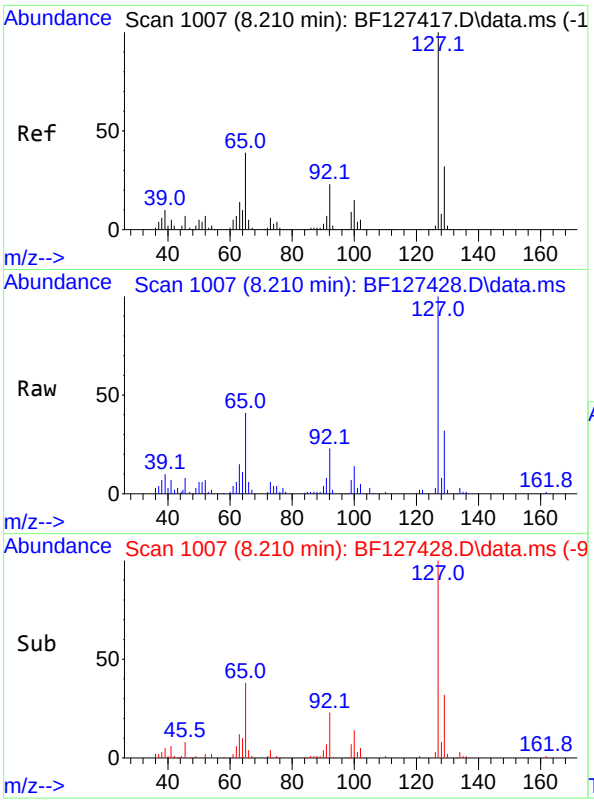


#32
Benzoic acid
Concen: 53.962 ng m
RT: 7.951 min Scan# 963
Delta R.T. 0.018 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:122 Resp: 160490

Ion	Ratio	Lower	Upper
122	100		
105	129.1	117.1	157.1
77	105.1	93.0	133.0

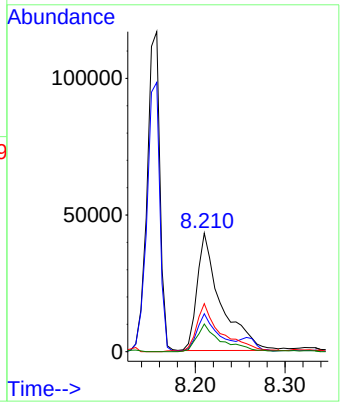




#33
4-Chloroaniline
Concen: 10.588 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:127 Resp: 7883

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	40.5	31.4	47.0
92	23.3	18.3	27.5



Instrument :
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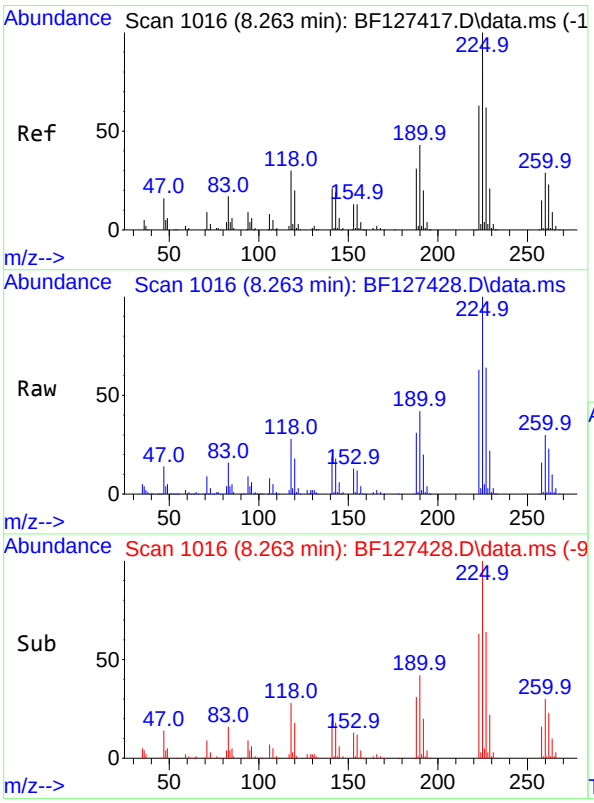
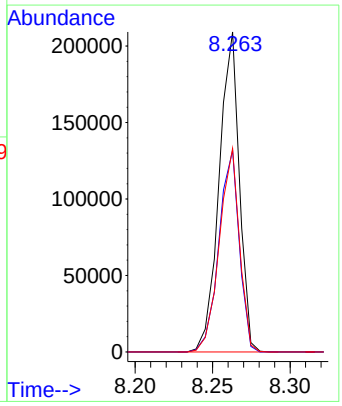
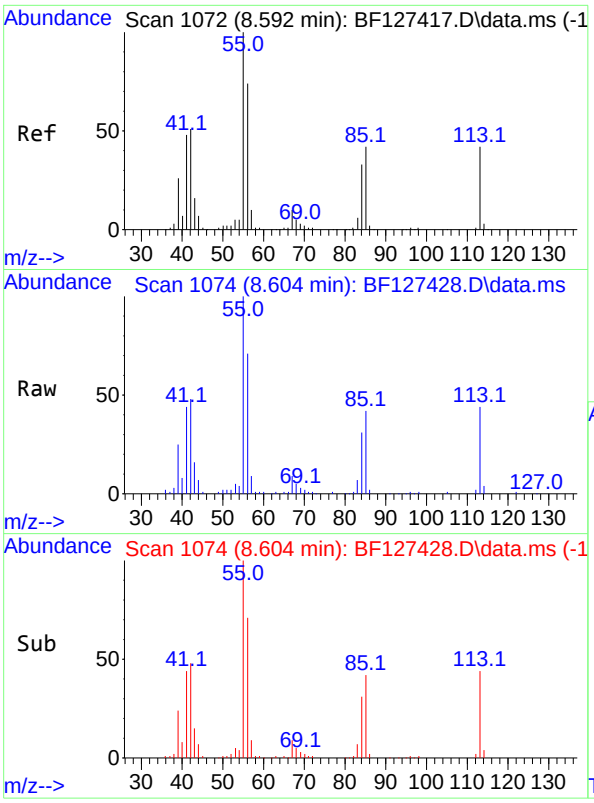


#34
Hexachlorobutadiene
Concen: 44.348 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:225 Resp: 189767

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.6	49.6	74.4

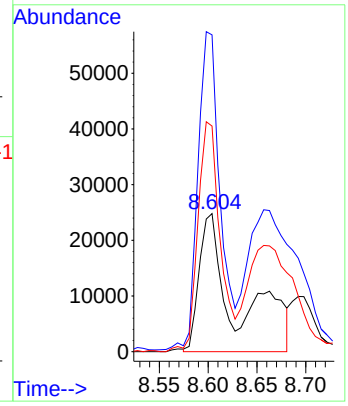




#35
Caprolactam
Concen: 36.821 ng m
RT: 8.604 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:113 Resp: 6564

Ion	Ratio	Lower	Upper
113	100		
55	229.4	218.7	258.7
56	163.4	156.2	196.2



Instrument :
BNA_F
ClientSampleId :
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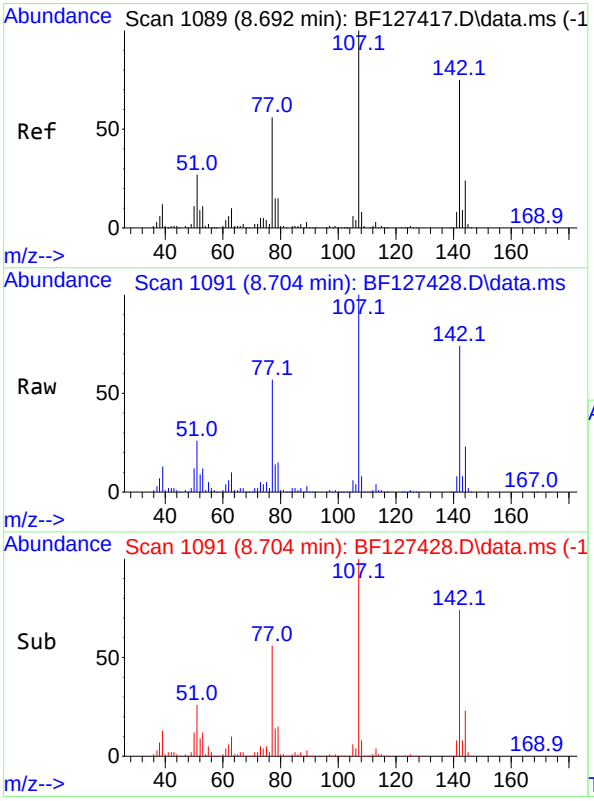
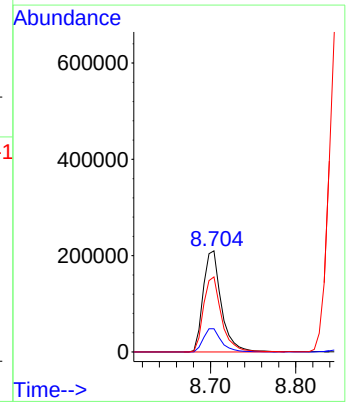
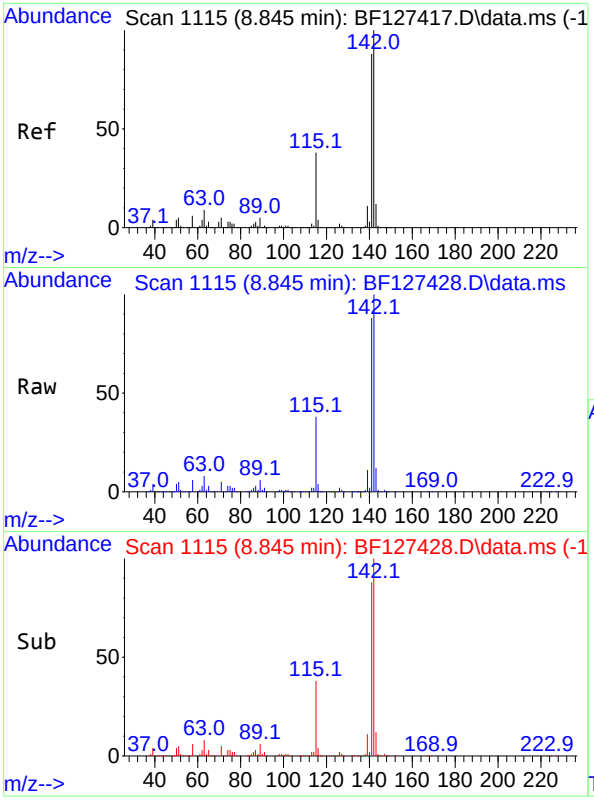


#36
4-Chloro-3-methylphenol
Concen: 49.565 ng
RT: 8.704 min Scan# 1091
Delta R.T. 0.012 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:107 Resp: 310976

Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	74.3	59.8	89.8

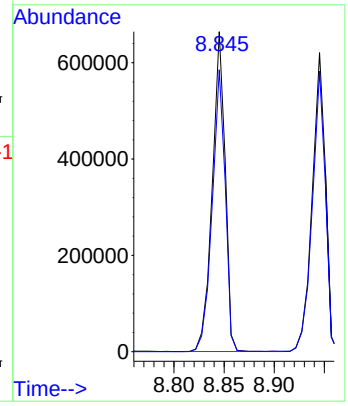




#37
2-Methylnaphthalene
Concen: 48.213 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:142 Resp: 59566

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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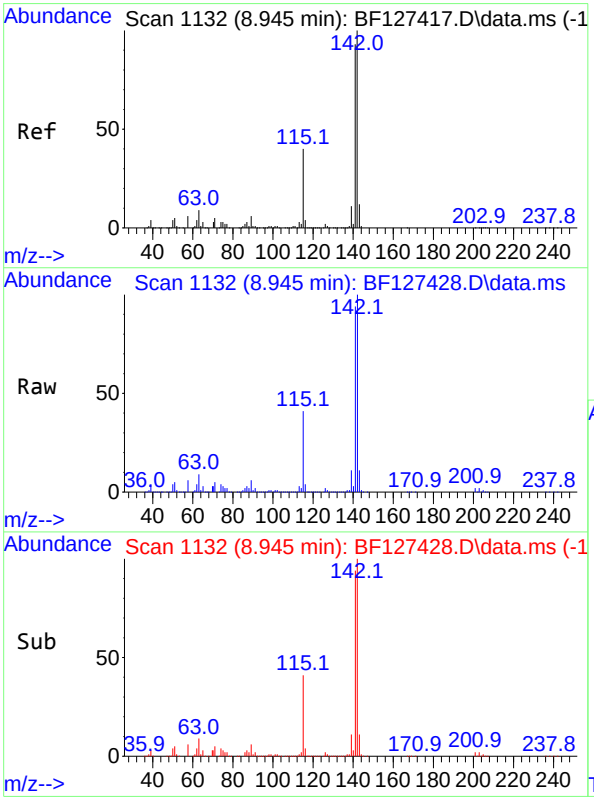
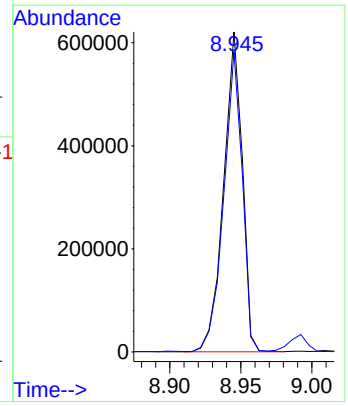
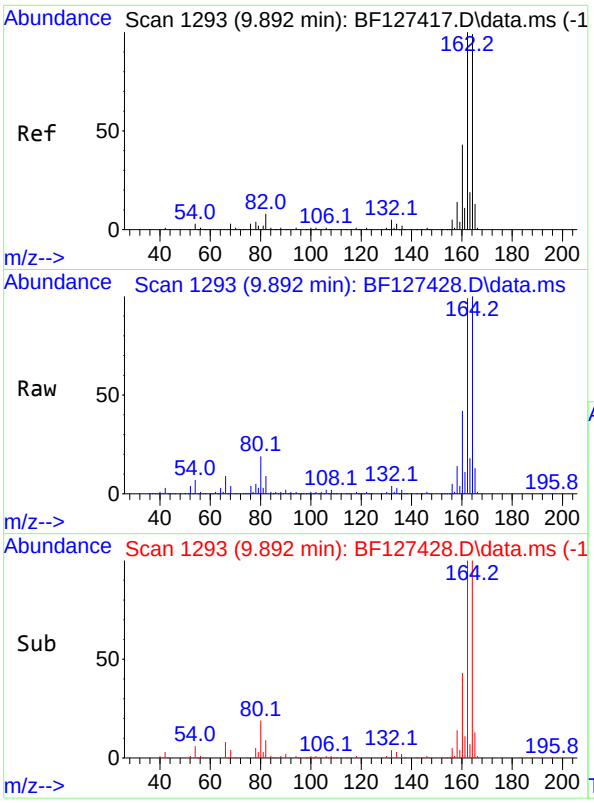


#38
1-Methylnaphthalene
Concen: 46.470 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:142 Resp: 567706

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.2

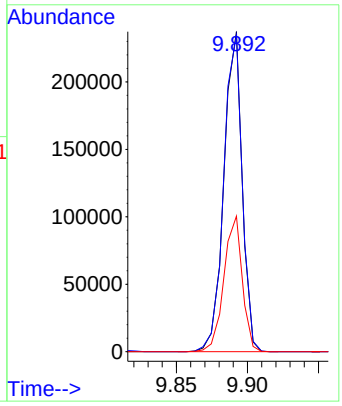




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:164 Resp: 21086

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.2	121.8
160	42.4	34.6	52.0



Instrument :
BNA_F
ClientSampleId :
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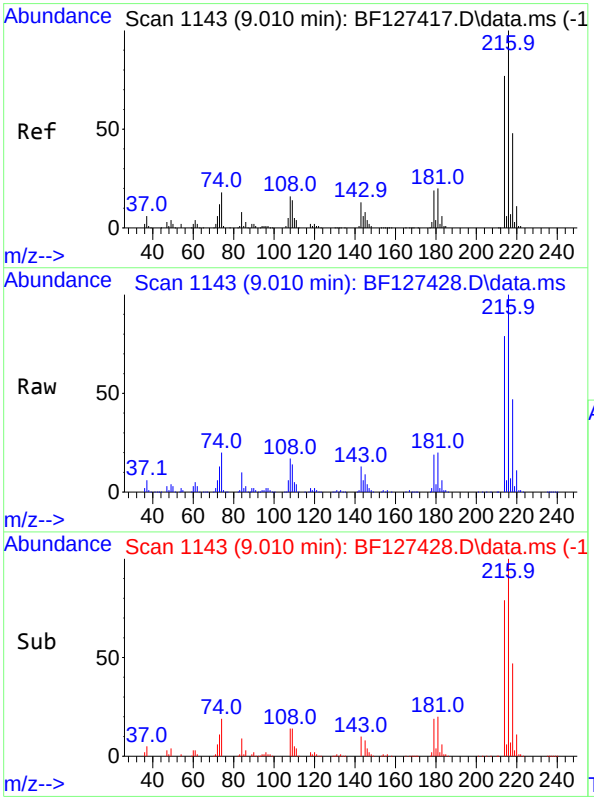
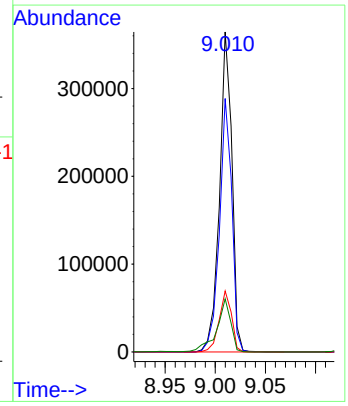
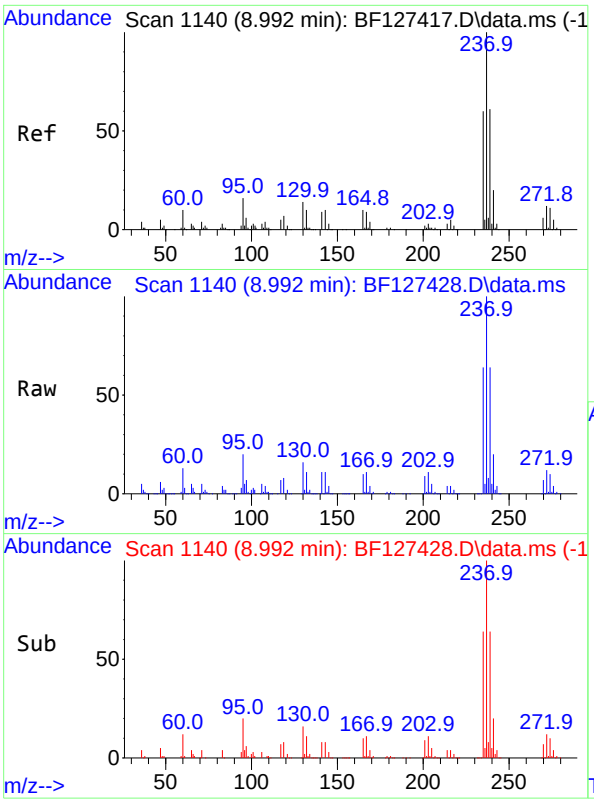


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.541 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:216 Resp: 312039

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.3	15.5	23.3
108	19.0	13.8	20.6





#41
Hexachlorocyclopentadiene
Concen: 99.330 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:237 Resp: 25807

Ion	Ratio	Lower	Upper
237	100		
235	64.5	40.4	80.4
272	12.0	0.0	31.8

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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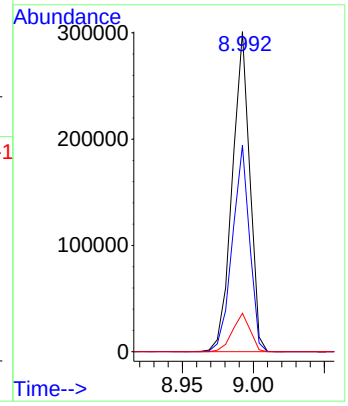
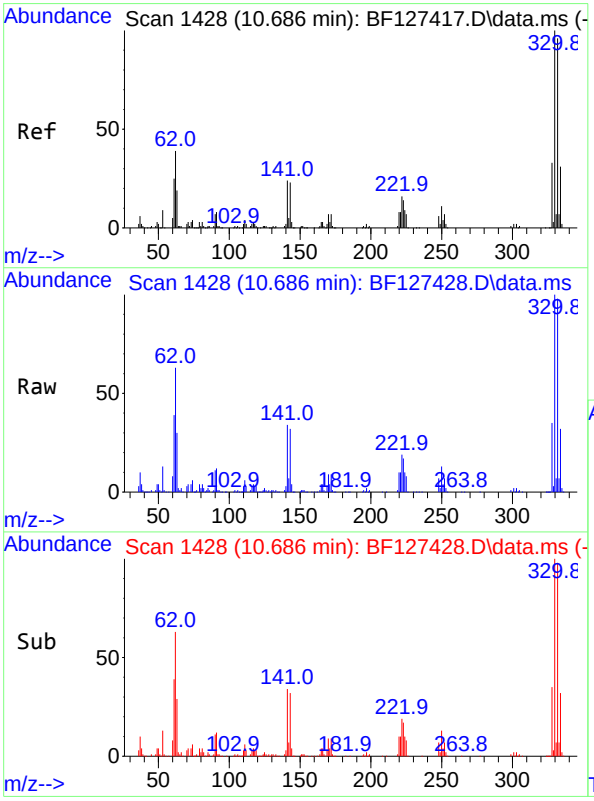
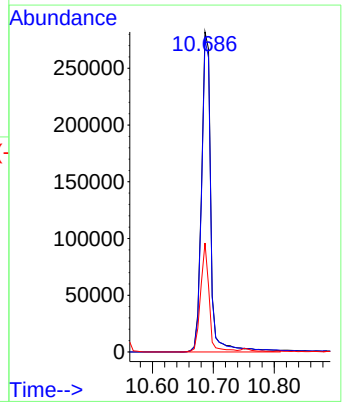


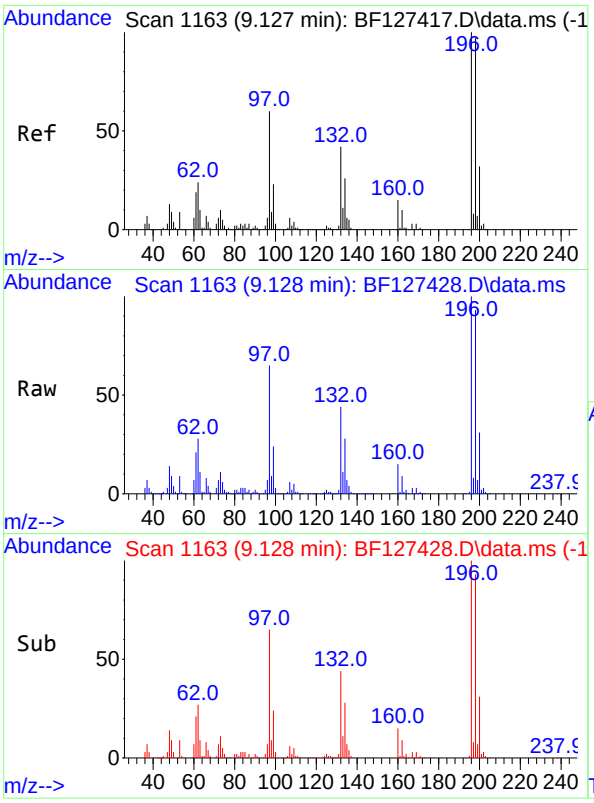


#42
2,4,6-Tribromophenol
Concen: 133.335 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:330 Resp: 299506

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.1	118.7
141	31.2	26.2	39.4

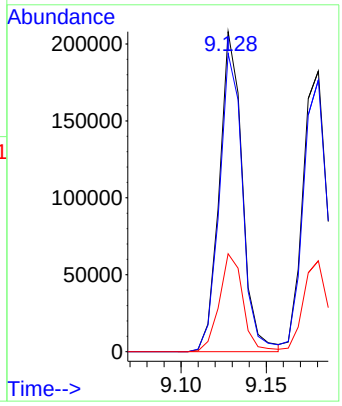




#43
2,4,6-Trichlorophenol
Concen: 48.034 ng
RT: 9.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:196 Resp: 19467

Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.8	116.6
200	30.6	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
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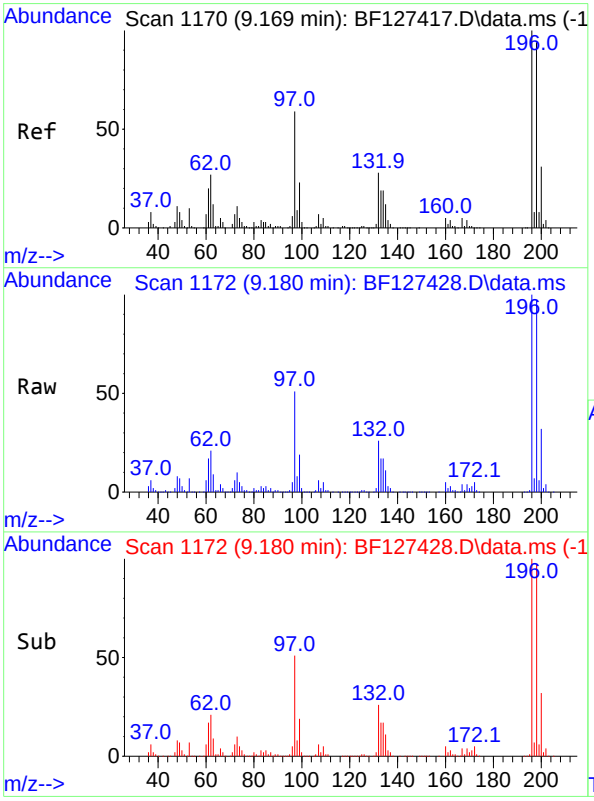
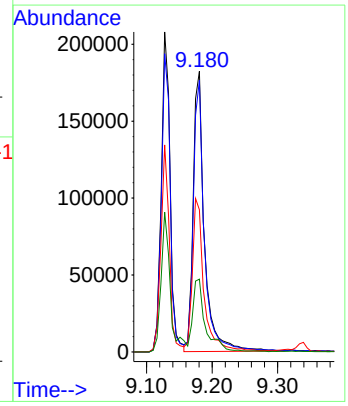
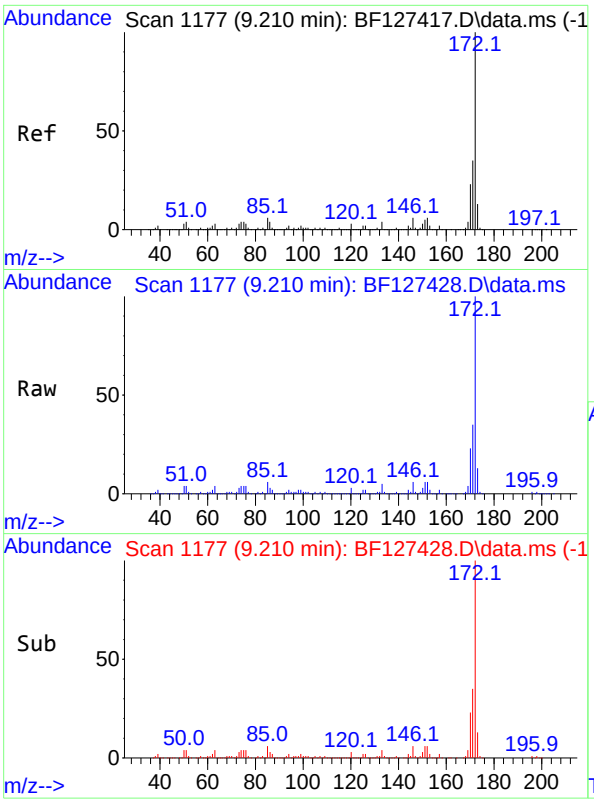


#44
2,4,5-Trichlorophenol
Concen: 52.093 ng
RT: 9.180 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:196 Resp: 217325

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.3	112.9
97	50.7	46.8	70.2
132	25.9	22.7	34.1

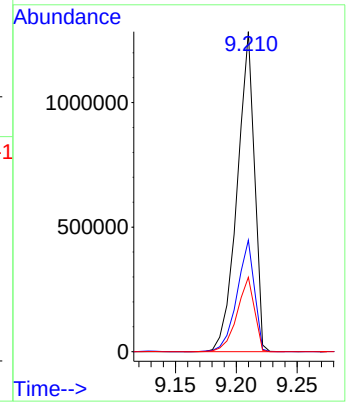




#45
2-Fluorobiphenyl
Concen: 87.859 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:172 Resp: 126873

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.3	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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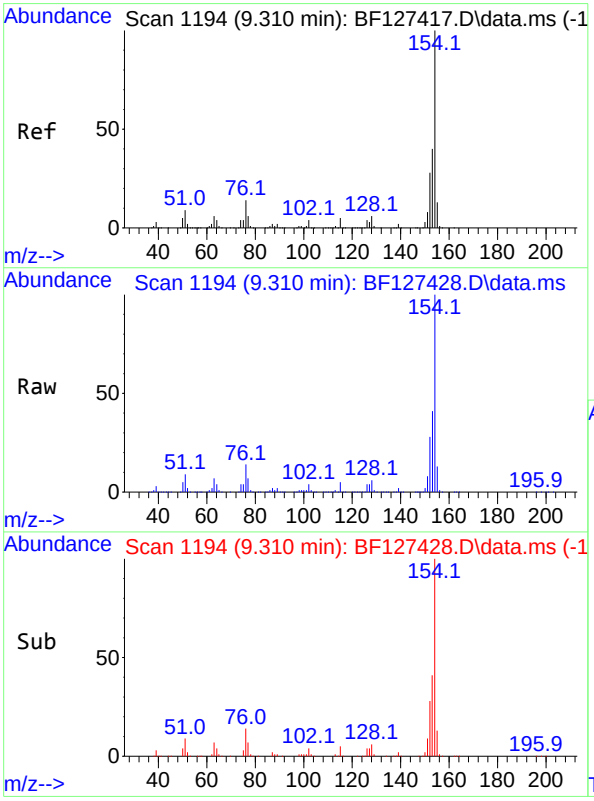
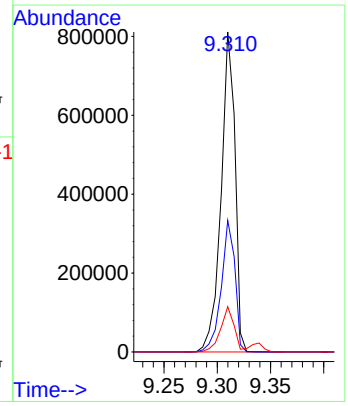
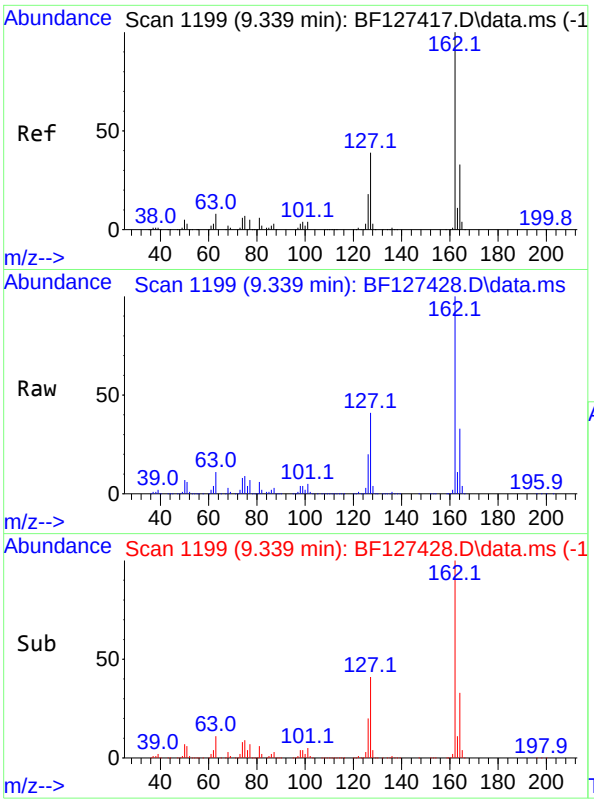


#46
1,1'-Biphenyl
Concen: 46.096 ng
RT: 9.310 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:154 Resp: 734120

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	14.2	0.0	33.9

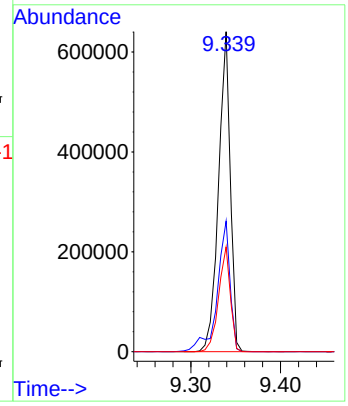




#47
2-Chloronaphthalene
Concen: 46.486 ng
RT: 9.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:162 Resp: 58299

Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.8	47.6
164	32.8	26.4	39.6



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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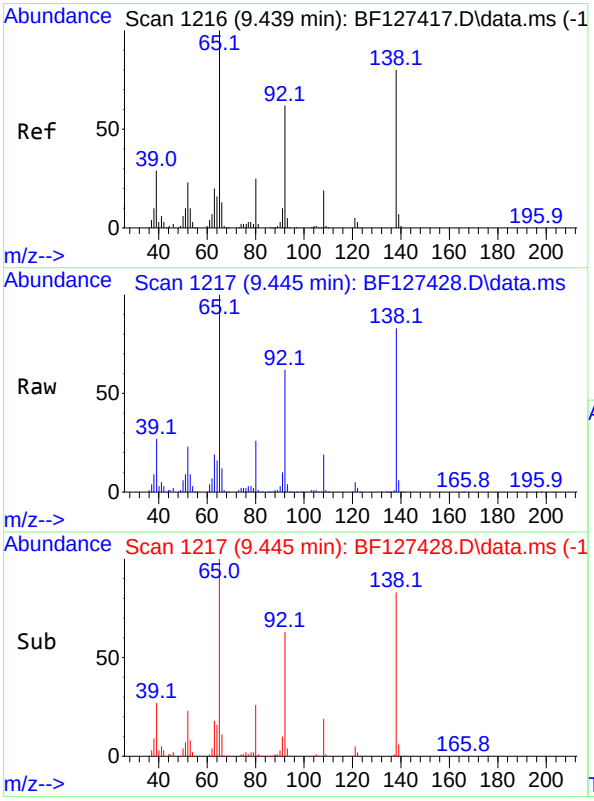
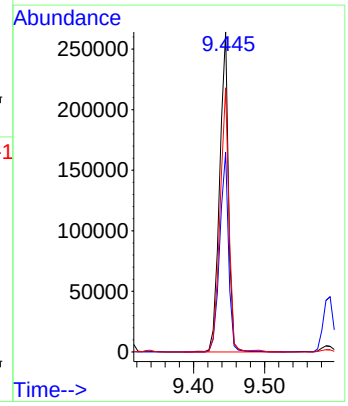
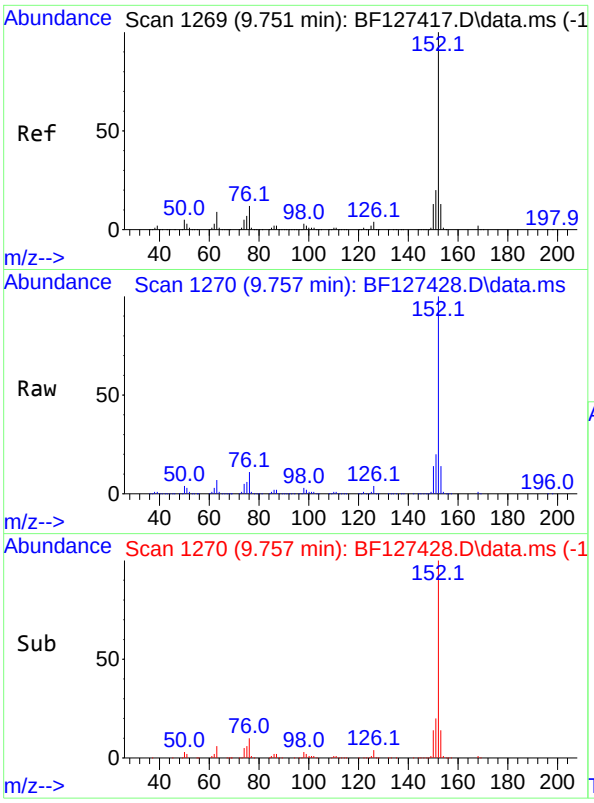


#48
2-Nitroaniline
Concen: 47.775 ng
RT: 9.445 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 65 Resp: 229632

Ion	Ratio	Lower	Upper
65	100		
92	62.4	50.0	75.0
138	82.6	64.1	96.1

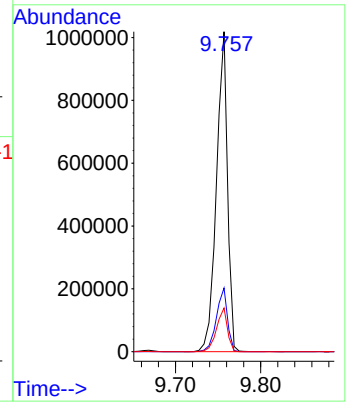




#49
Acenaphthylene
Concen: 48.416 ng
RT: 9.757 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:152 Resp: 91795

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.6	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
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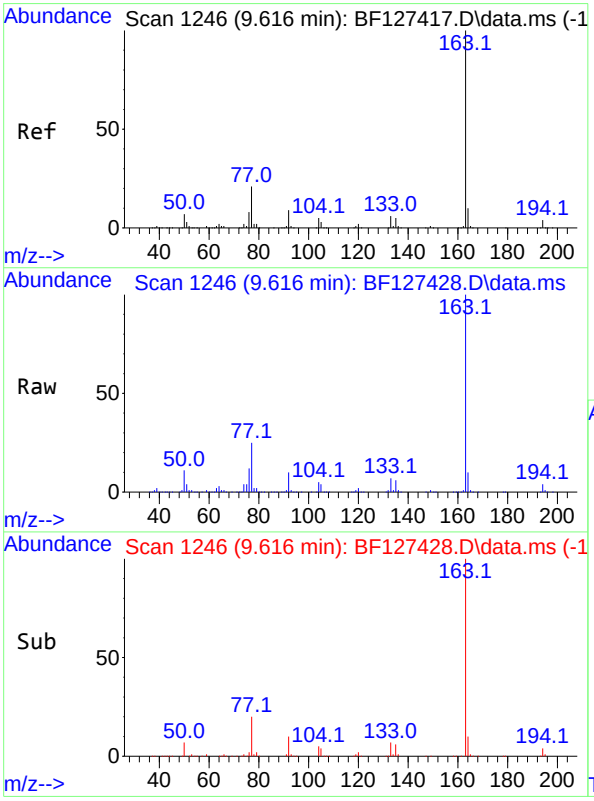
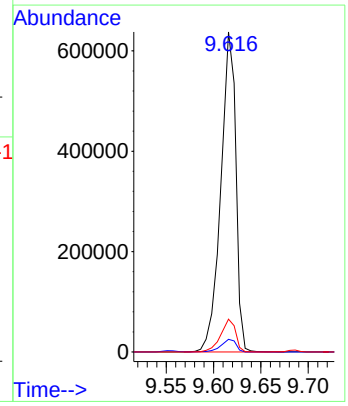
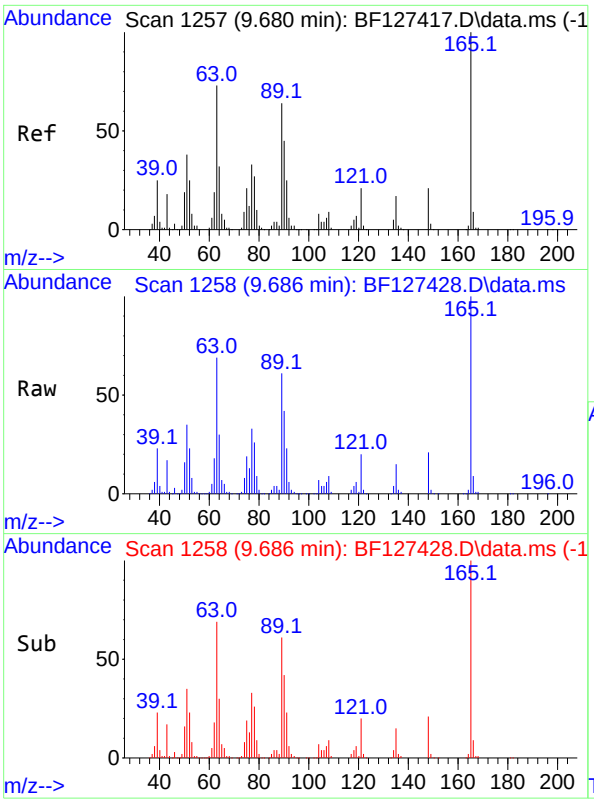


#50
Dimethylphthalate
Concen: 48.097 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:163 Resp: 705573

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 49.609 ng
RT: 9.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:165 Resp: 15276

Ion	Ratio	Lower	Upper
165	100		
63	69.0	58.3	87.5
89	60.9	51.5	77.3

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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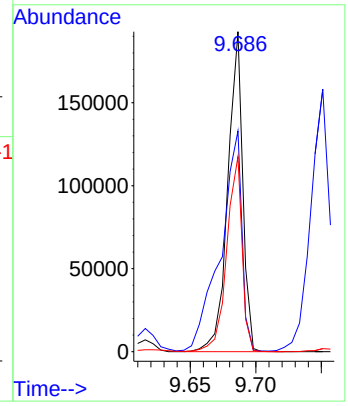
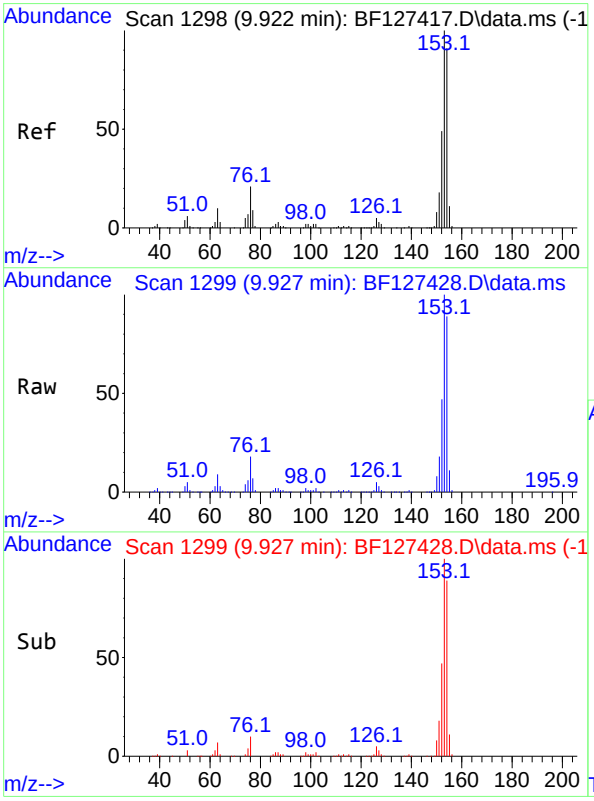
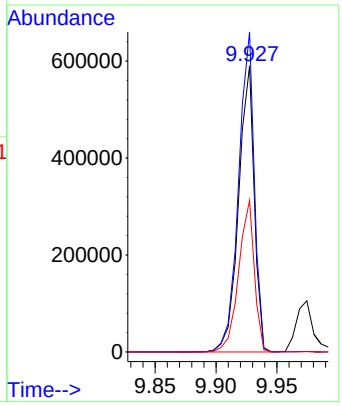


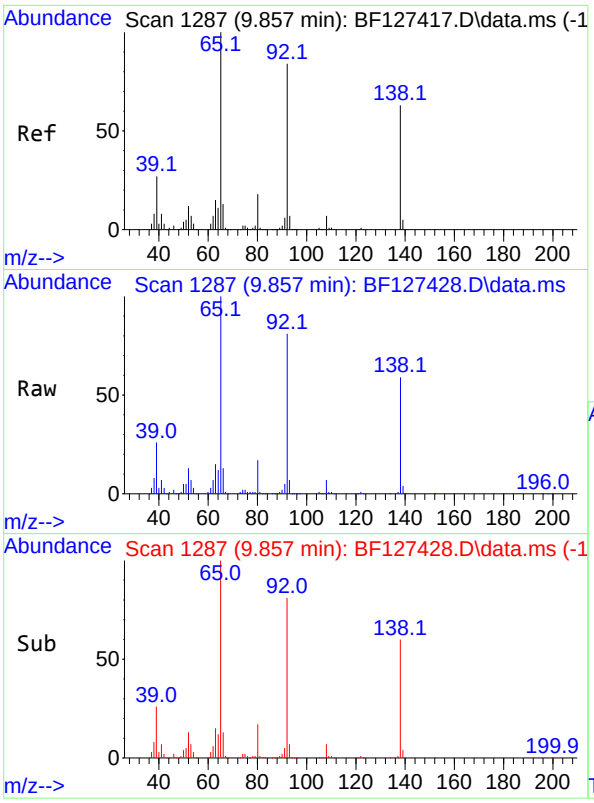


#52
Acenaphthene
Concen: 47.791 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.005 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:154 Resp: 528671

Ion	Ratio	Lower	Upper
154	100		
153	111.8	87.6	131.4
152	53.0	42.9	64.3





#53
3-Nitroaniline
Concen: 26.335 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:138 Resp: 8895

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	136.2	106.1	159.1

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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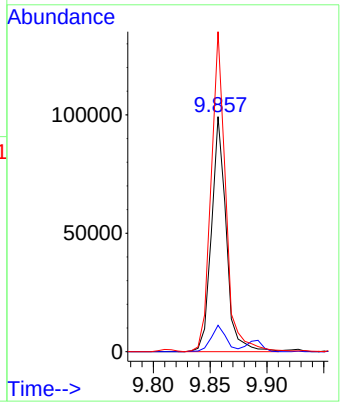
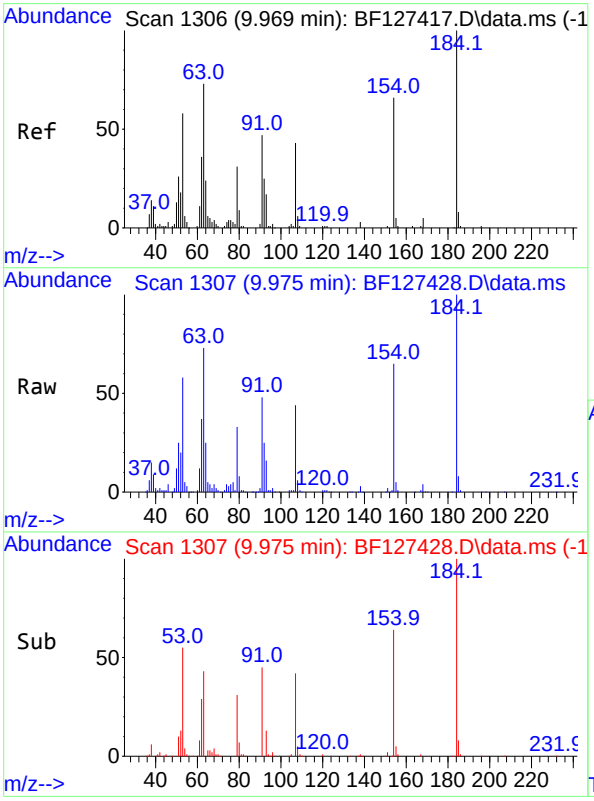
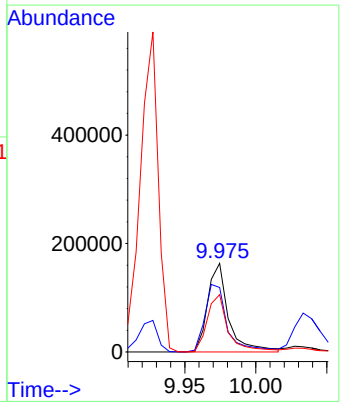


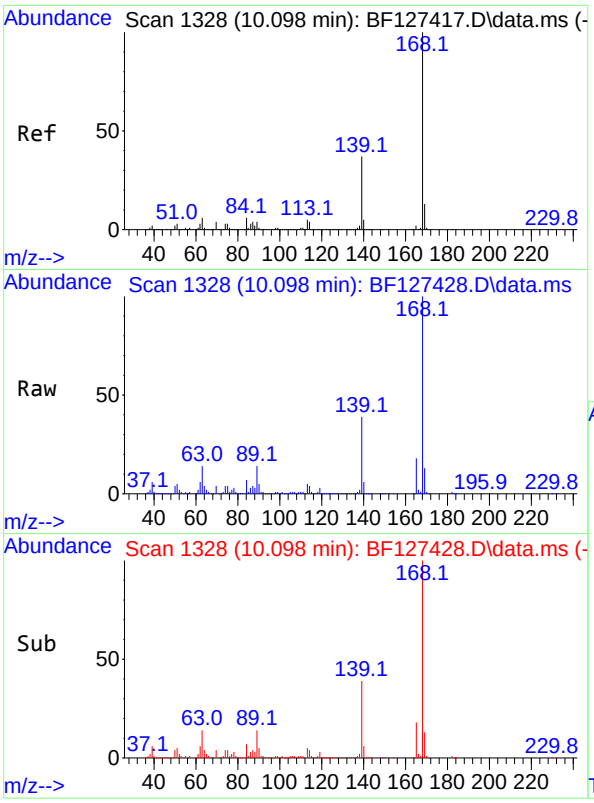


#54
2,4-Dinitrophenol
Concen: 104.164 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:184 Resp: 166468

Ion	Ratio	Lower	Upper
184	100		
63	72.7	58.1	87.1
154	64.6	53.2	79.8

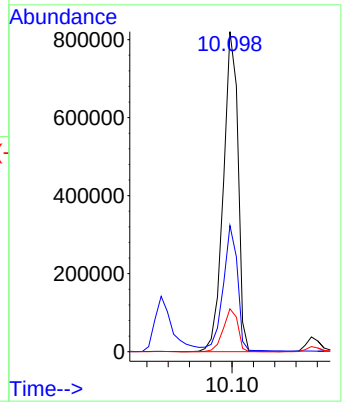




#55
Dibenzofuran
Concen: 49.070 ng
RT: 10.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:168 Resp: 77846

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.3	45.5
169	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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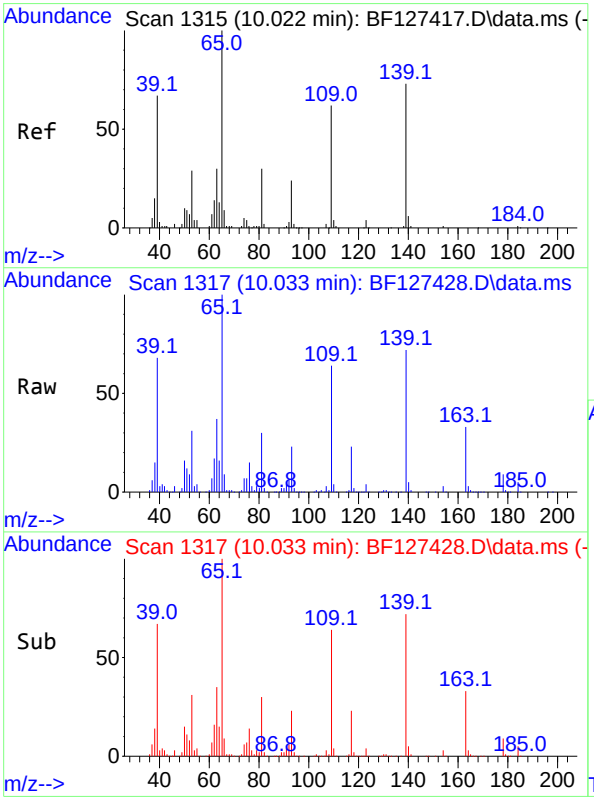
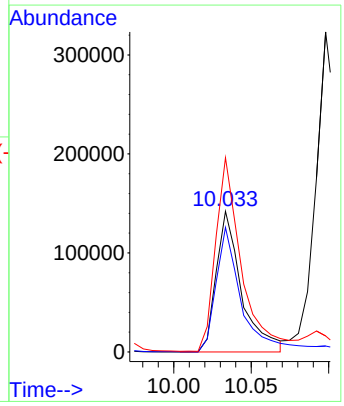
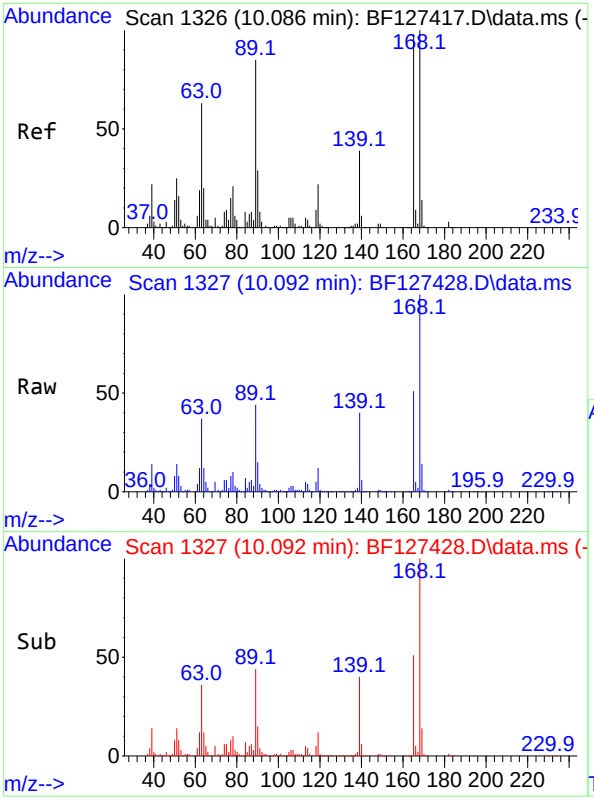


#56
4-Nitrophenol
Concen: 94.414 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.011 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:139 Resp: 162318

Ion	Ratio	Lower	Upper
139	100		
109	88.5	64.3	104.3
65	138.1	117.5	157.5

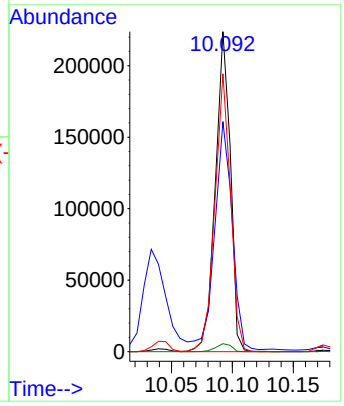




#57
2,4-Dinitrotoluene
Concen: 48.588 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:165 Resp: 19258

Ion	Ratio	Lower	Upper
165	100		
63	71.9	53.1	79.7
89	86.9	69.2	103.8
182	2.5	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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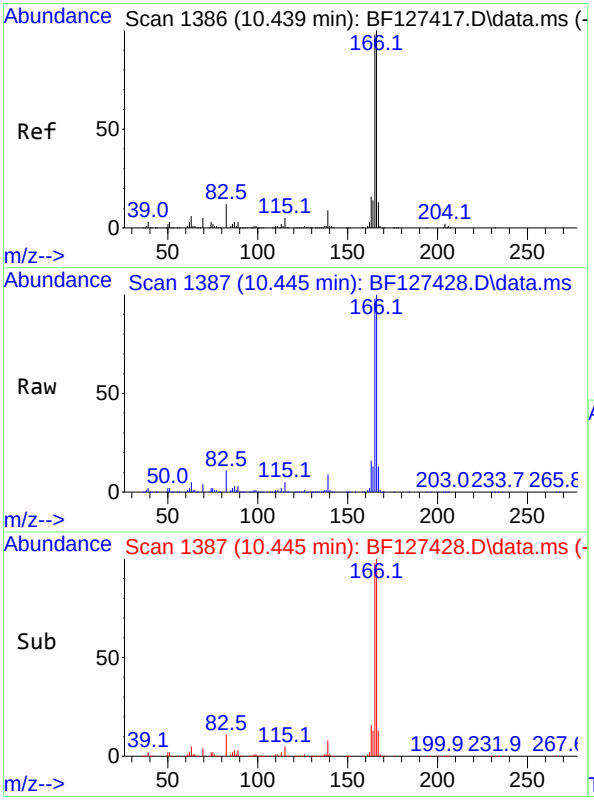
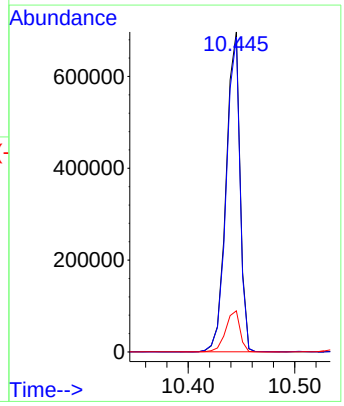
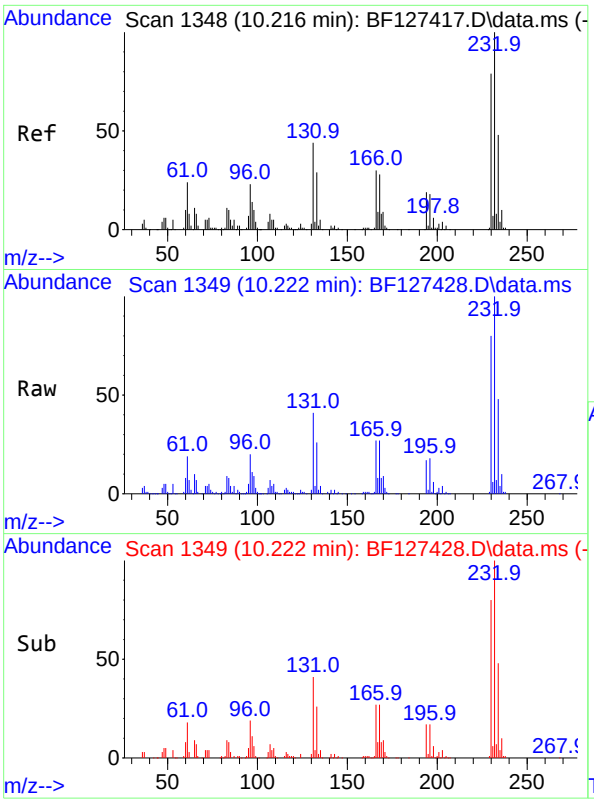


#58
Fluorene
Concen: 49.391 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:166 Resp: 629902

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	12.9	10.5	15.7

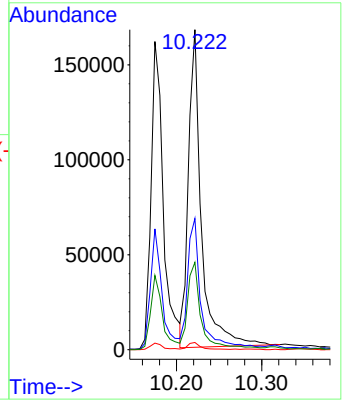




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.848 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:232 Resp: 17648

Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.4	50.0
130	2.4	1.8	2.6
166	27.2	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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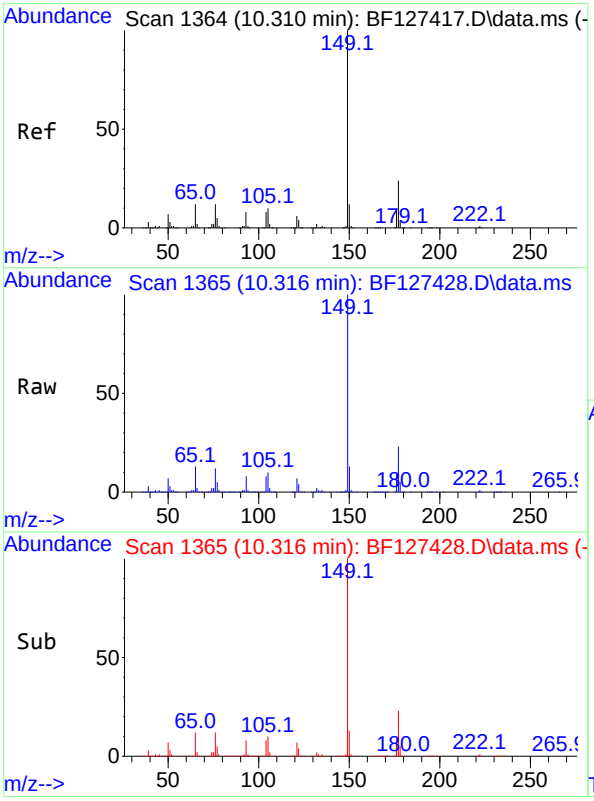
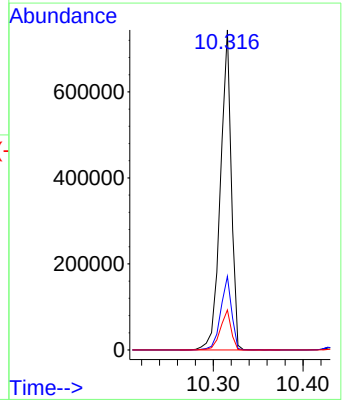
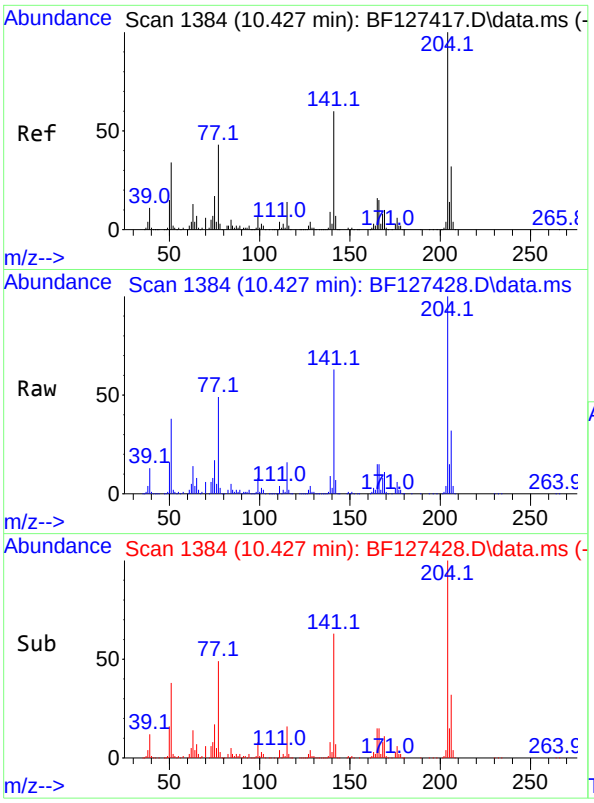


#60
Diethylphthalate
Concen: 46.660 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:149 Resp: 625190

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.5	10.0	15.0

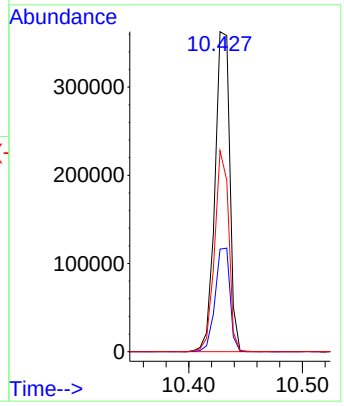




#61
4-Chlorophenyl-phenylether
Concen: 43.484 ng
RT: 10.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:204 Resp: 32968

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.9	38.9
141	62.8	47.8	71.8



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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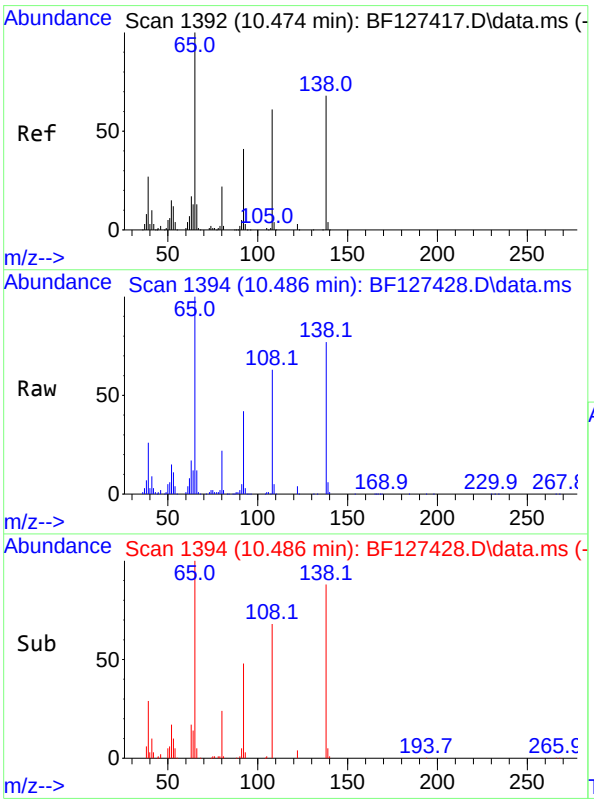
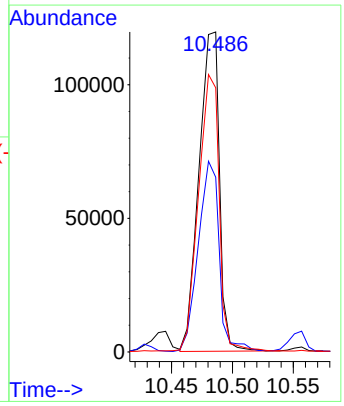
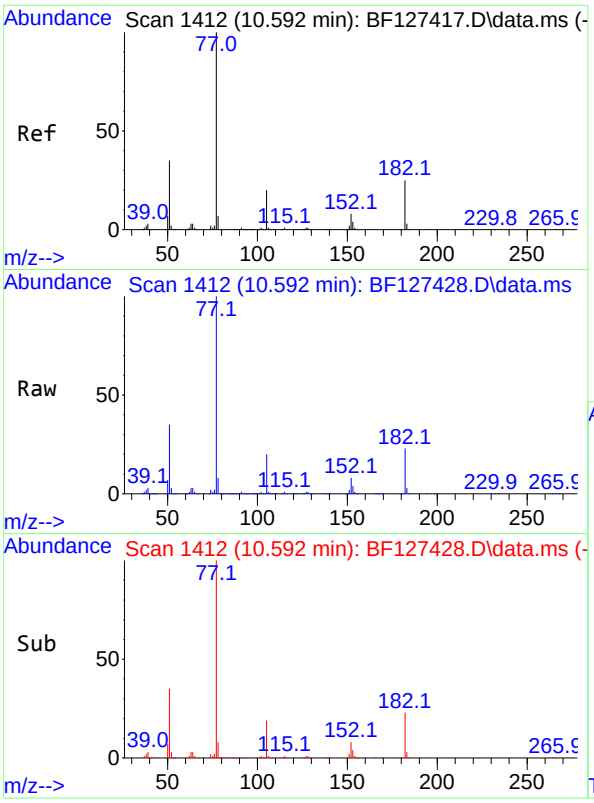


#62
4-Nitroaniline
Concen: 44.255 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.012 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:138 Resp: 140022

Ion	Ratio	Lower	Upper
138	100		
92	54.6	40.5	80.5
108	82.5	69.2	109.2

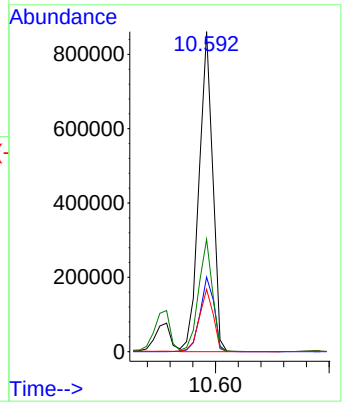




#63
Azobenzene
Concen: 45.280 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion: 77 Resp: 71586

Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.5	44.5
105	19.5	0.3	40.3
51	35.1	15.0	55.0



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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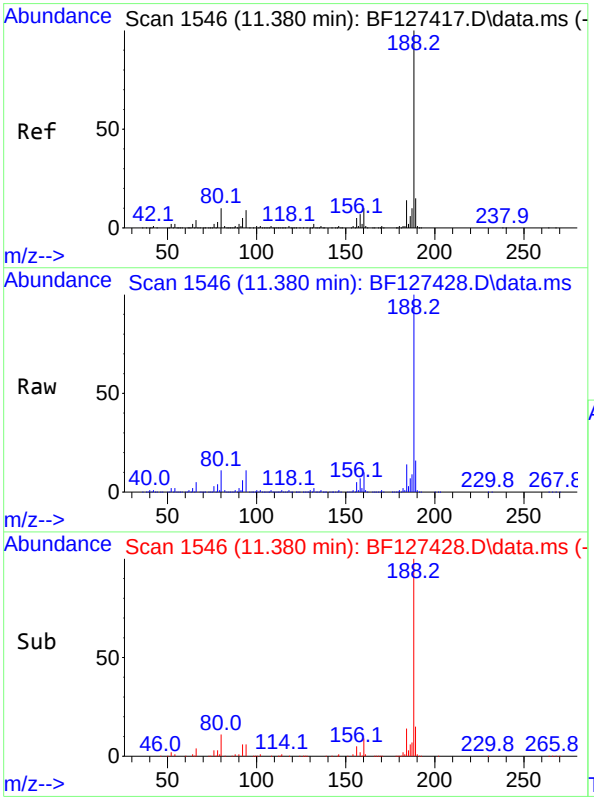
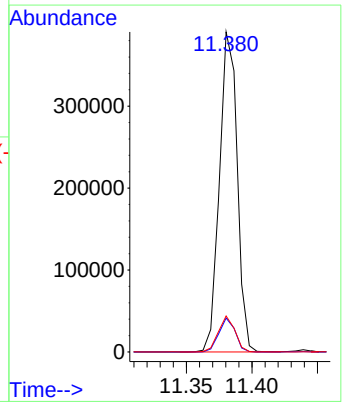
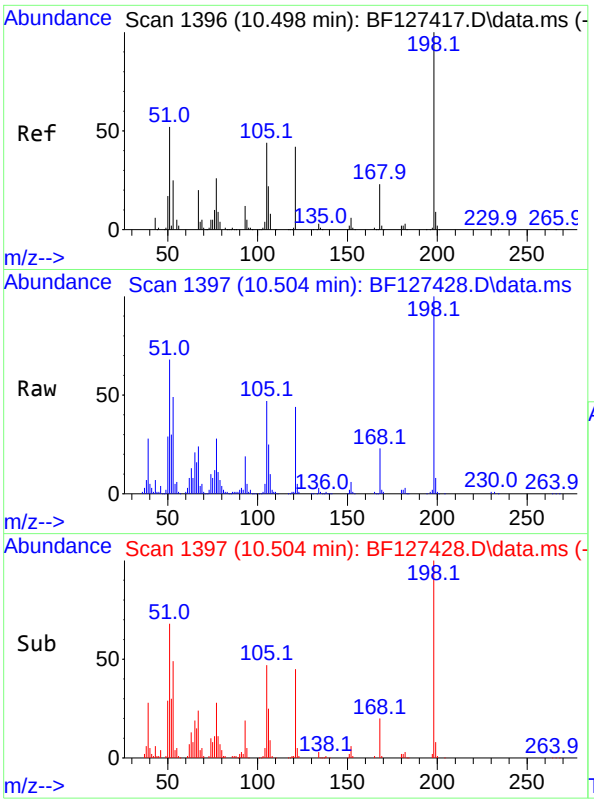


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:188 Resp: 367296

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.4	11.0
80	11.3	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 49.251 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:198 Resp: 11131

Ion	Ratio	Lower	Upper
198	100		
51	67.9	42.7	82.7
105	46.9	25.4	65.4

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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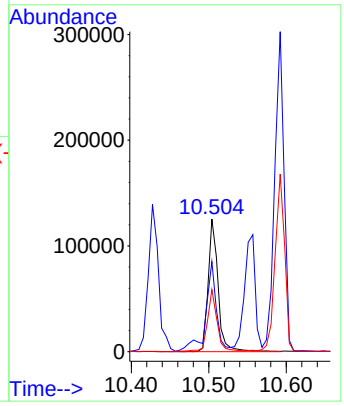
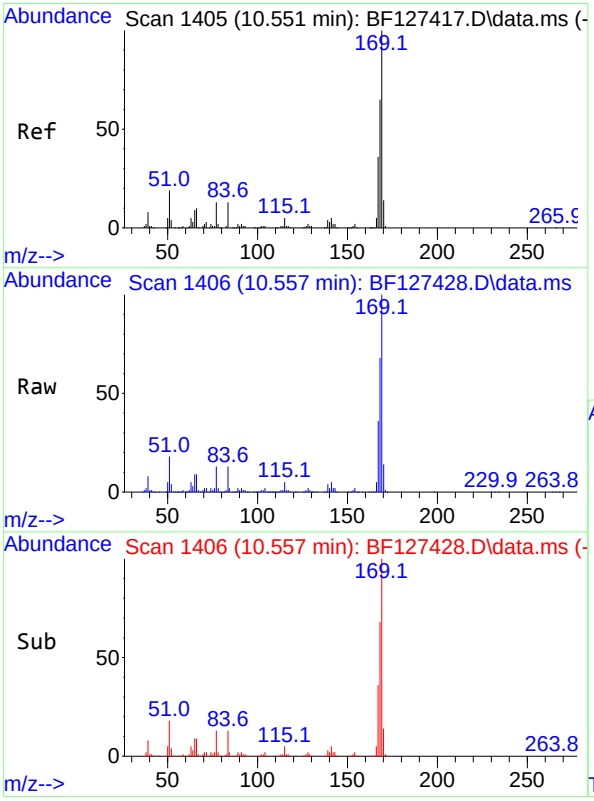
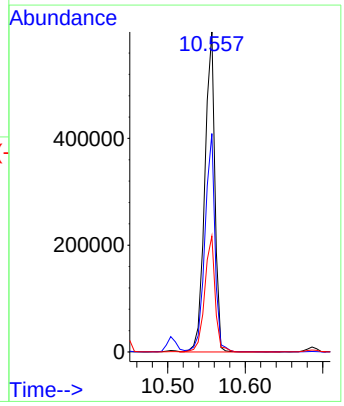


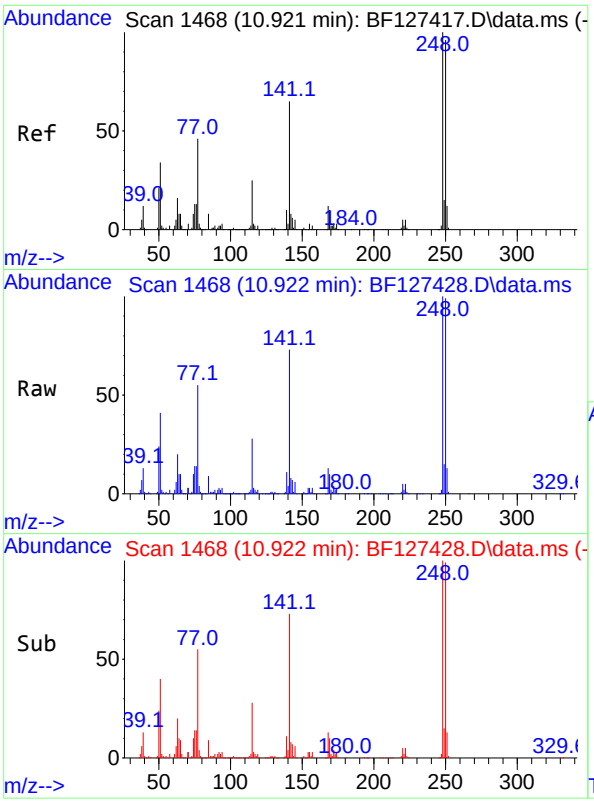


#66
n-Nitrosodiphenylamine
Concen: 48.411 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:169 Resp: 541272

Ion	Ratio	Lower	Upper
169	100		
168	68.2	52.7	79.1
167	36.2	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 48.357 ng
RT: 10.922 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:248 Resp: 20736

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.6	115.0
141	72.6	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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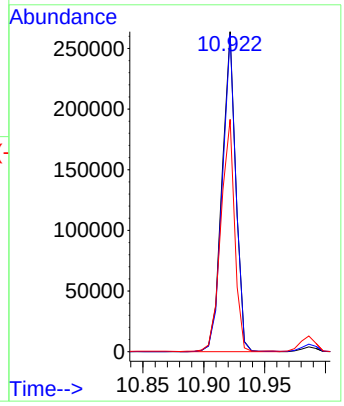
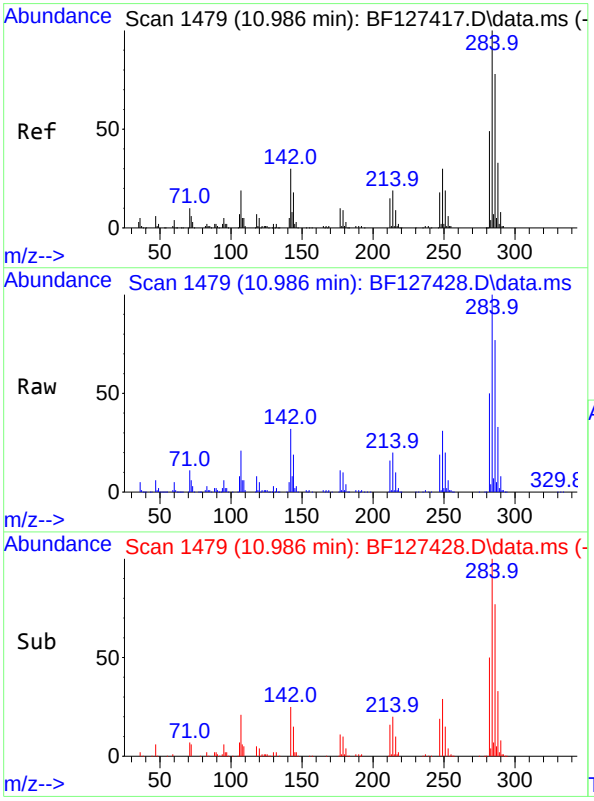
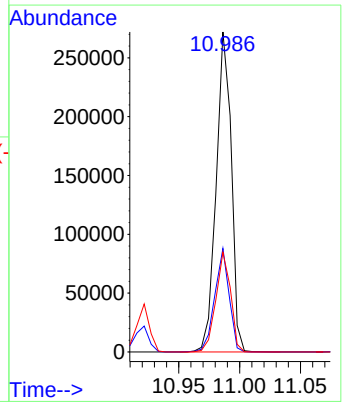


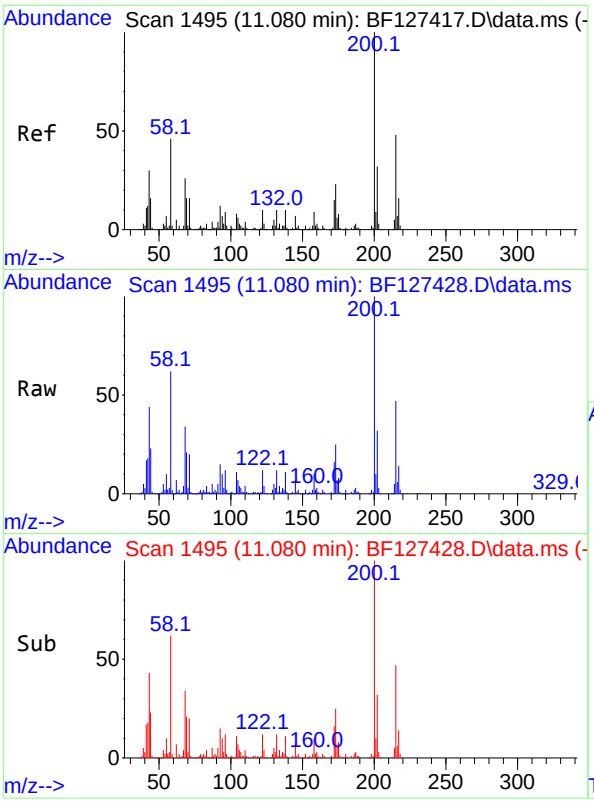


#68
Hexachlorobenzene
Concen: 50.023 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:284 Resp: 234152

Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.8	35.8
249	31.1	23.9	35.9





#69
Atrazine
Concen: 51.785 ng
RT: 11.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:200 Resp: 19275

Ion	Ratio	Lower	Upper
200	100		
173	25.0	2.9	42.9
215	47.0	28.0	68.0

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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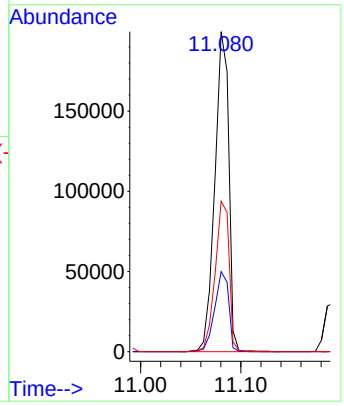
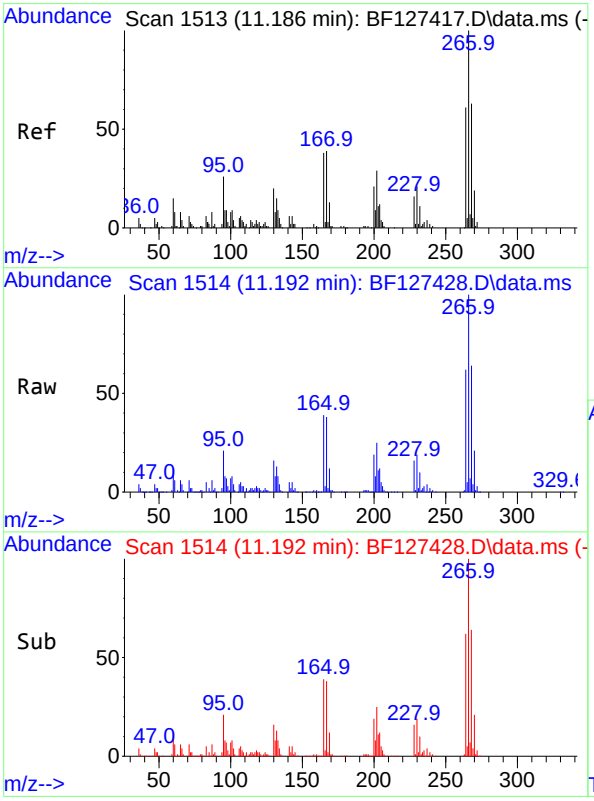
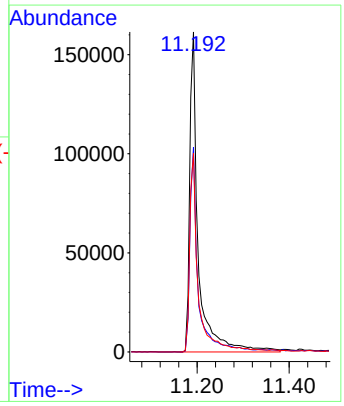


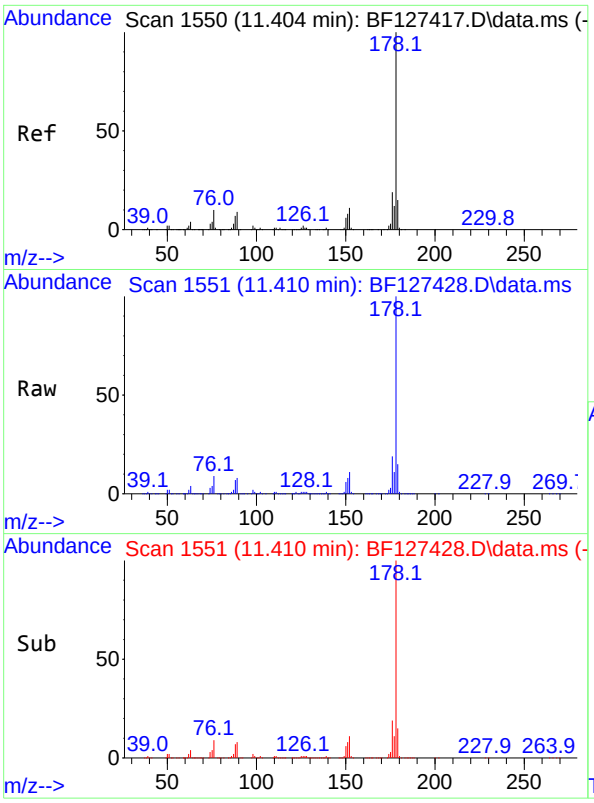


#70
Pentachlorophenol
Concen: 112.822 ng
RT: 11.192 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:266 Resp: 209359

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.4	75.6
264	62.0	48.5	72.7

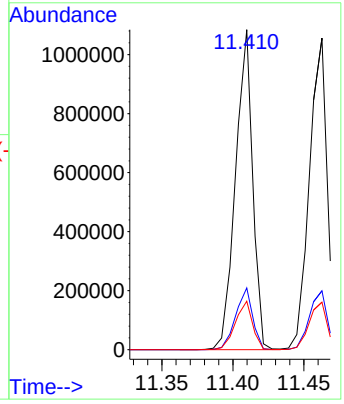




#71
Phenanthrene
Concen: 47.615 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:178 Resp: 91175

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
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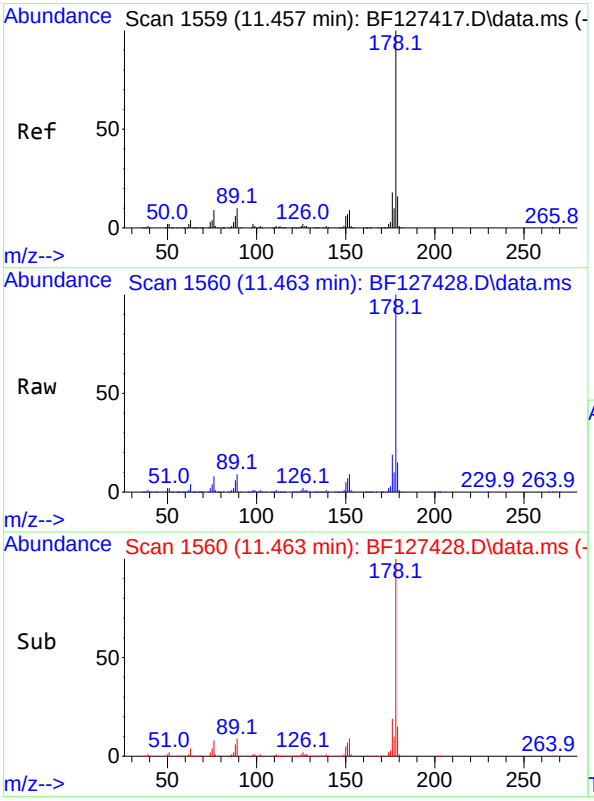
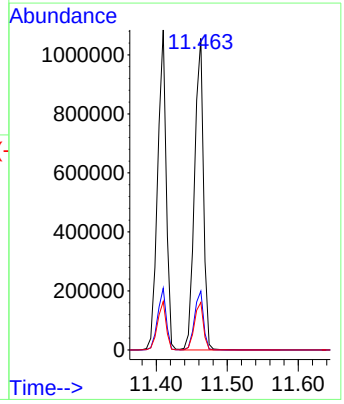
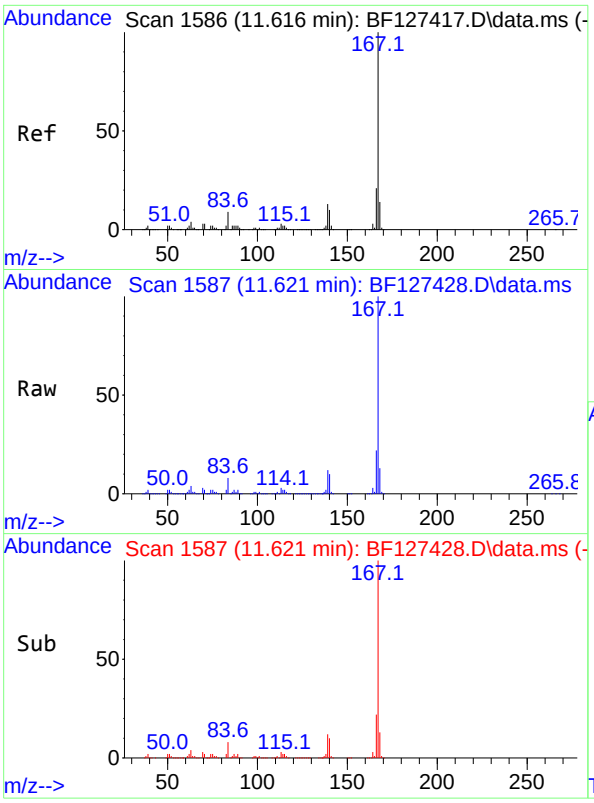


#72
Anthracene
Concen: 48.783 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:178 Resp: 926995

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.3	12.4	18.6

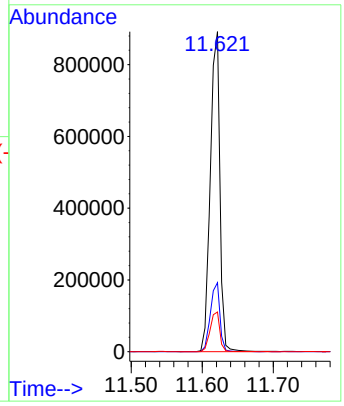




#73
Carbazole
Concen: 46.067 ng
RT: 11.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:167 Resp: 83716

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.4	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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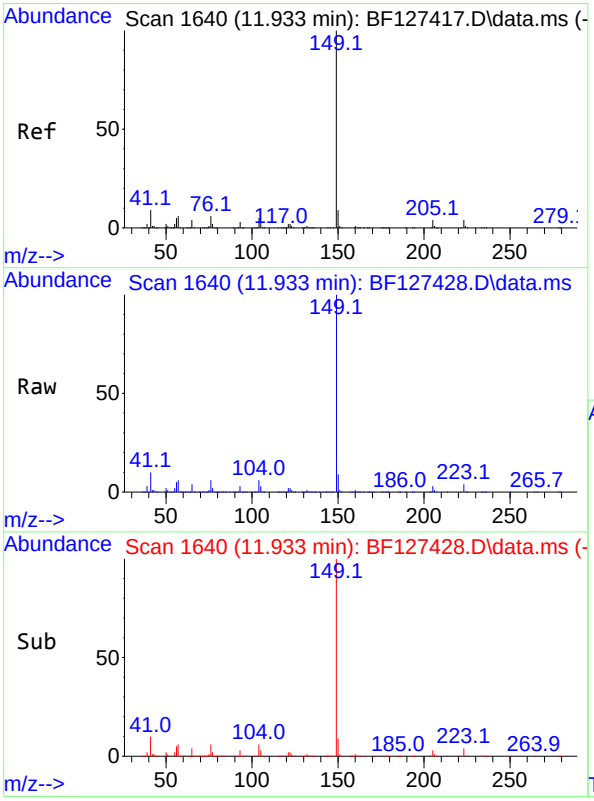
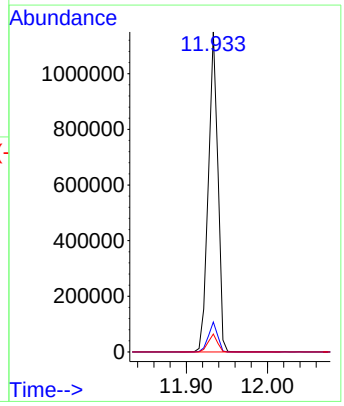
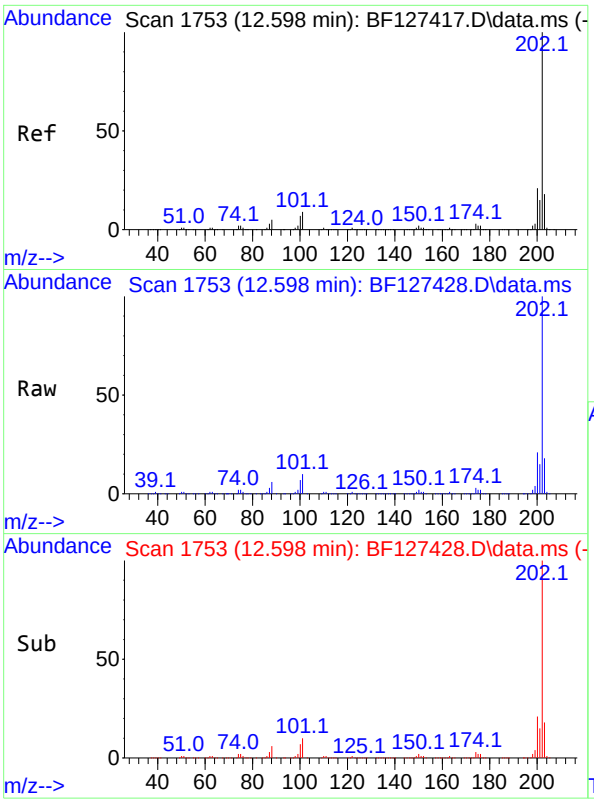


#74
Di-n-butylphthalate
Concen: 49.596 ng
RT: 11.933 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:149 Resp: 932935

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.6	4.2	6.2

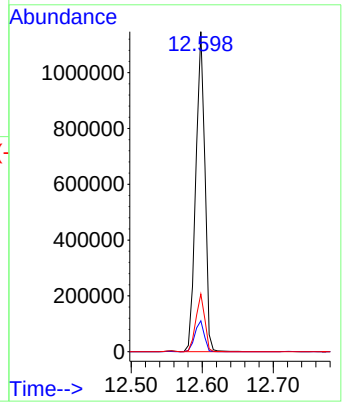




#75
Fluoranthene
Concen: 48.374 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:202 Resp: 101882

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.0
203	18.0	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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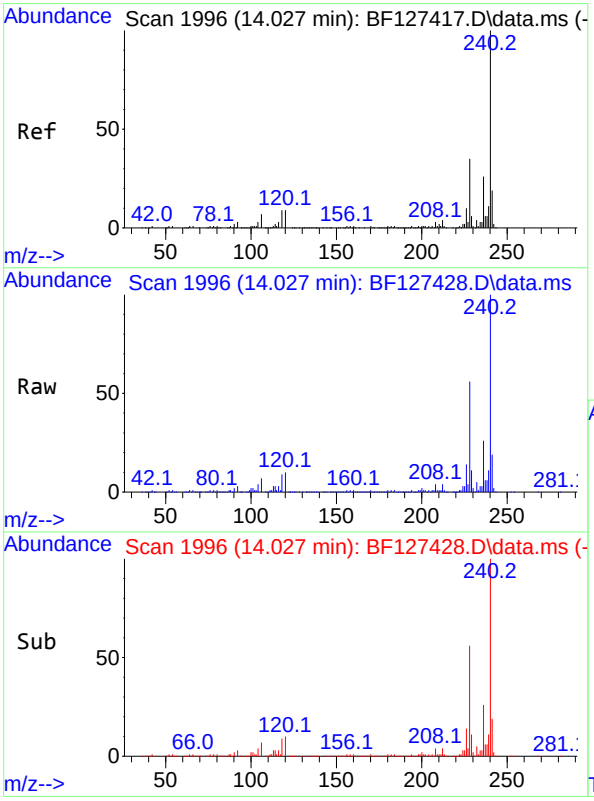
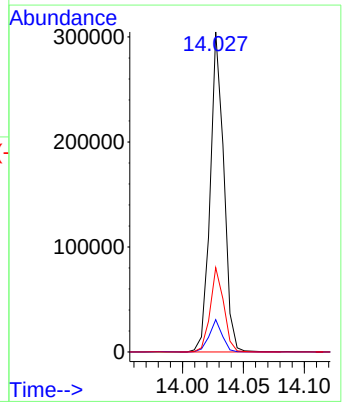
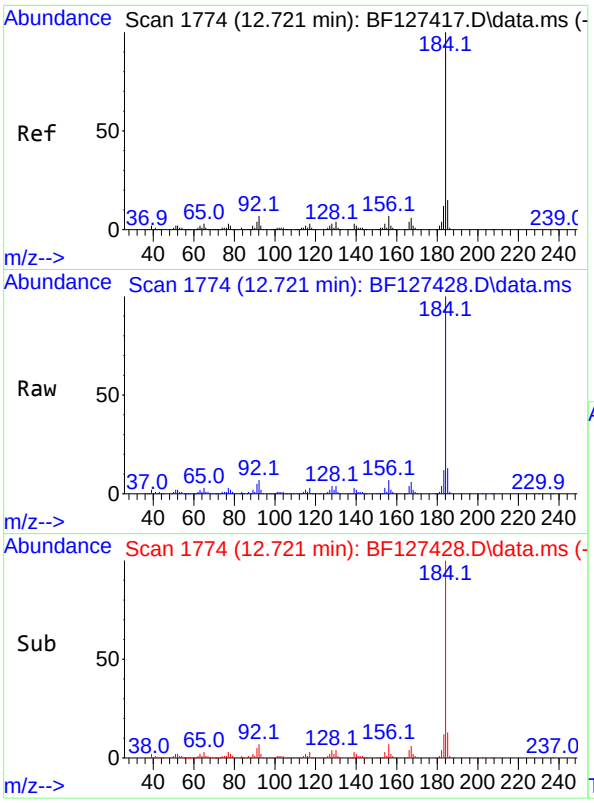


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:240 Resp: 236987

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.1	10.7
236	26.3	20.7	31.1

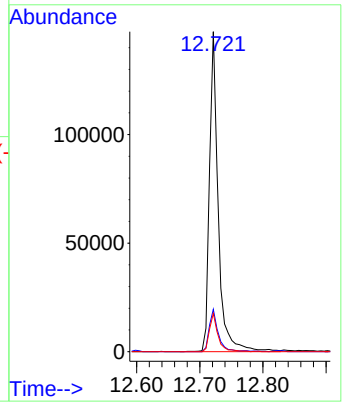




#77
Benzidine
Concen: 25.276 ng
RT: 12.721 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:184 Resp: 14282

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.2	18.2
183	11.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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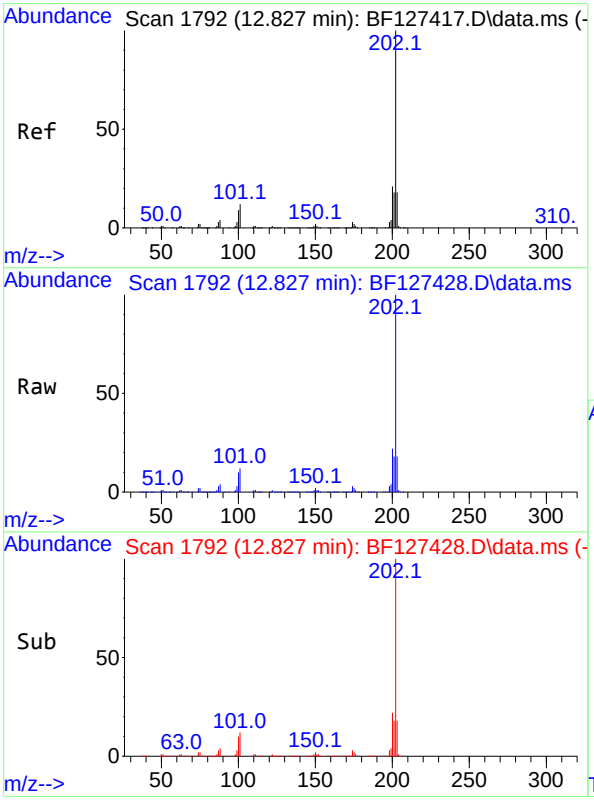
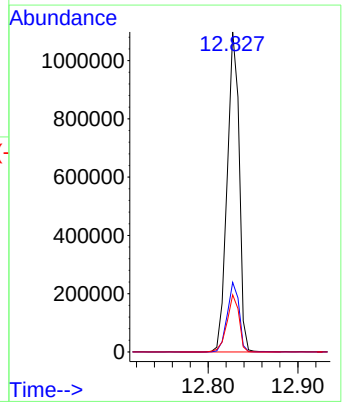
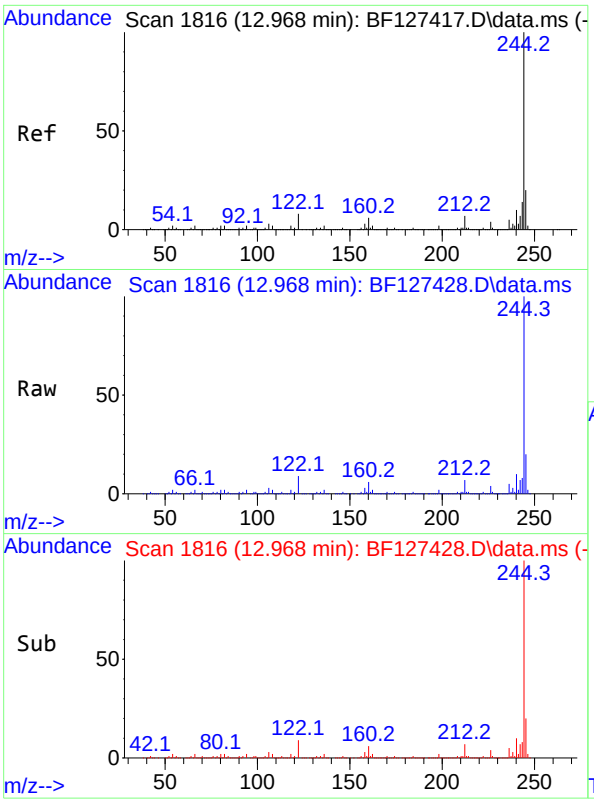


#78
Pyrene
Concen: 50.232 ng
RT: 12.827 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:202 Resp: 1021653

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	17.8	14.3	21.5

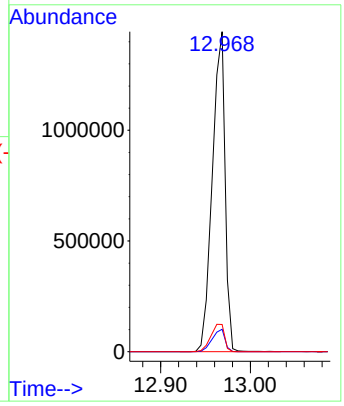




#79
Terphenyl-d14
Concen: 98.405 ng
RT: 12.968 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:244 Resp: 142458

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.5	6.2	9.2



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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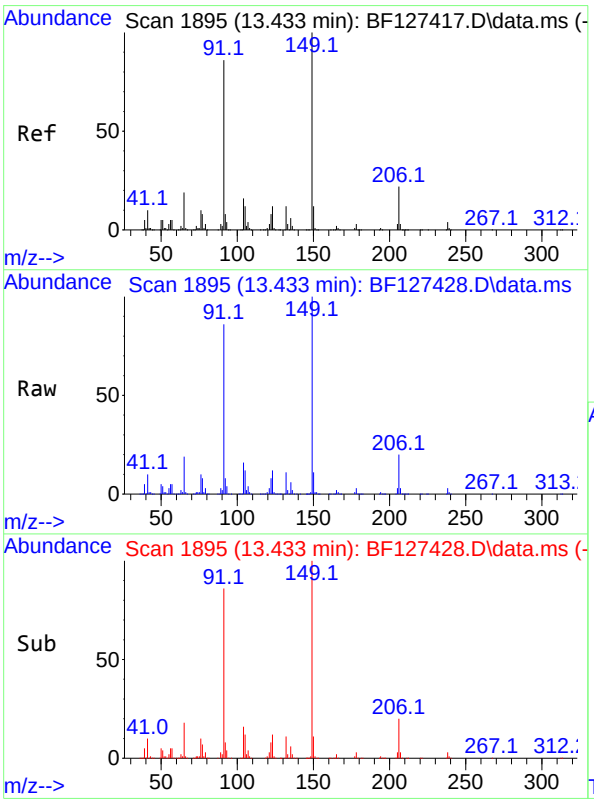
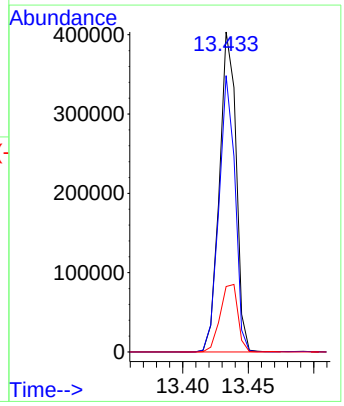
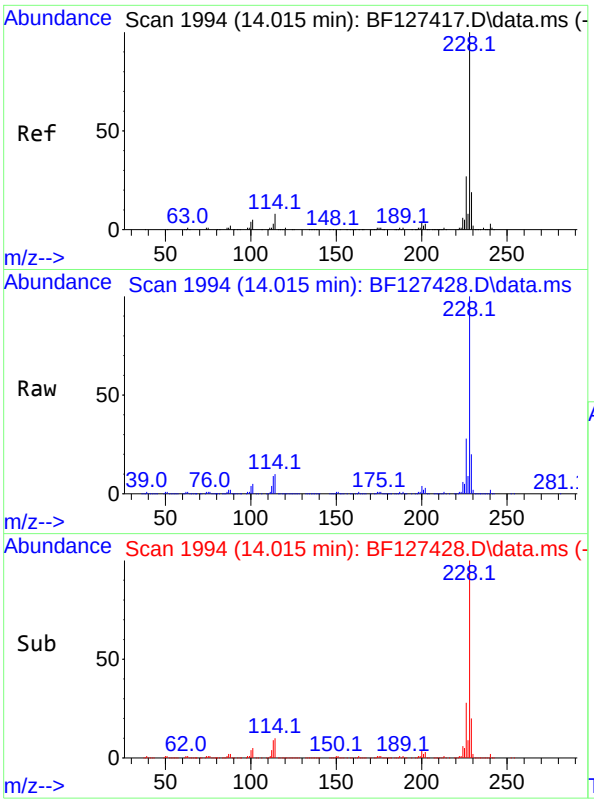


#80
Butylbenzylphthalate
Concen: 53.242 ng
RT: 13.433 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:149 Resp: 356402

Ion	Ratio	Lower	Upper
149	100		
91	86.4	69.1	103.7
206	20.5	17.7	26.5





#81
Benzo(a)anthracene
Concen: 49.781 ng
RT: 14.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:228 Resp: 78894

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.6	32.4
229	19.6	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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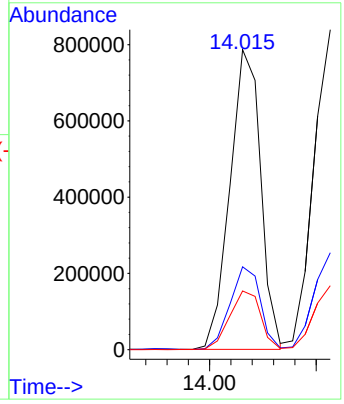
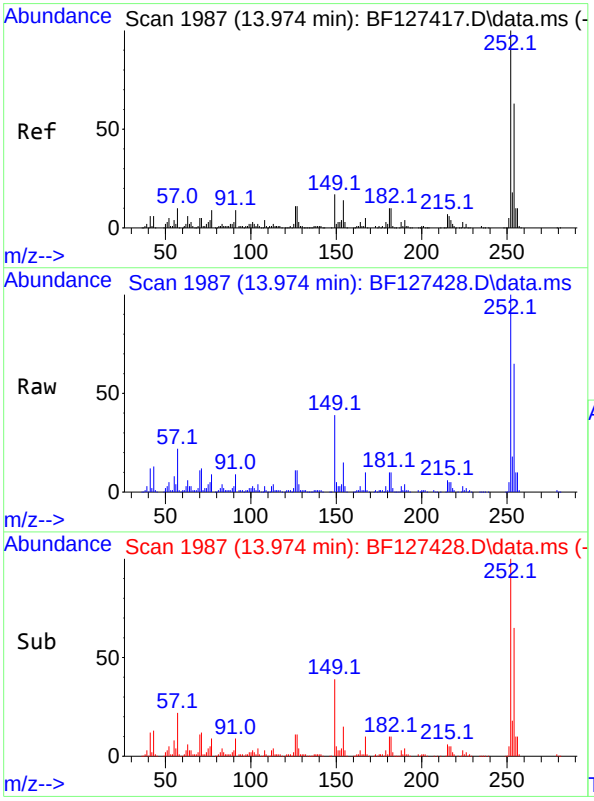
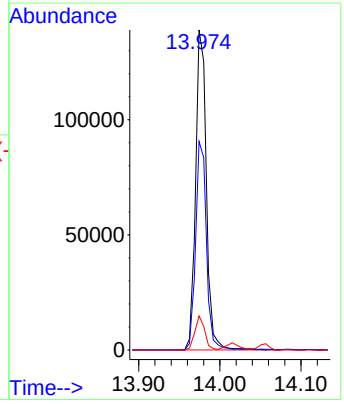


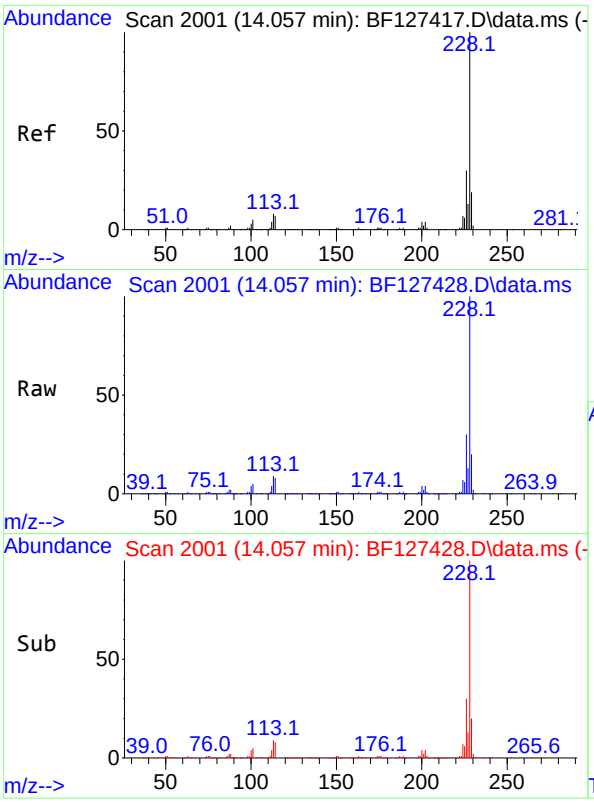


#82
3,3'-Dichlorobenzidine
Concen: 27.738 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:252 Resp: 129201

Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.2	75.4
126	10.6	8.7	13.1





#83
Chrysene
Concen: 48.312 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:228 Resp: 72503

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.0	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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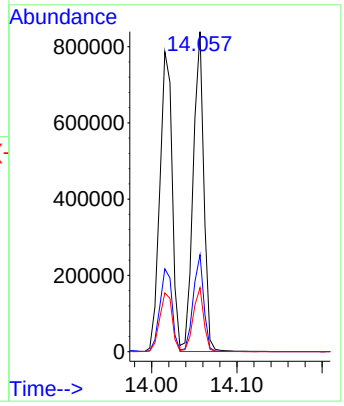
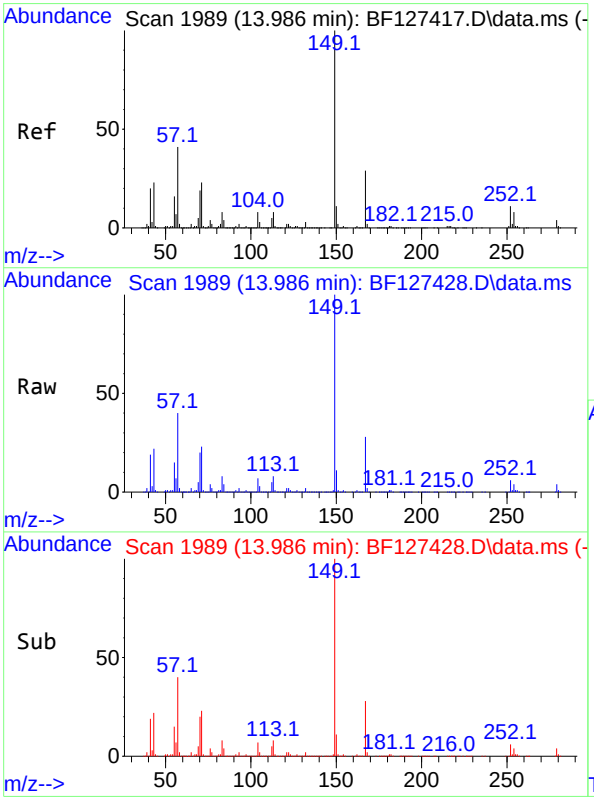
Supervised By :Jagrut Upadhyay 03/22/2022

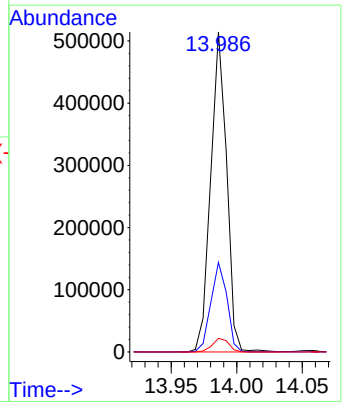


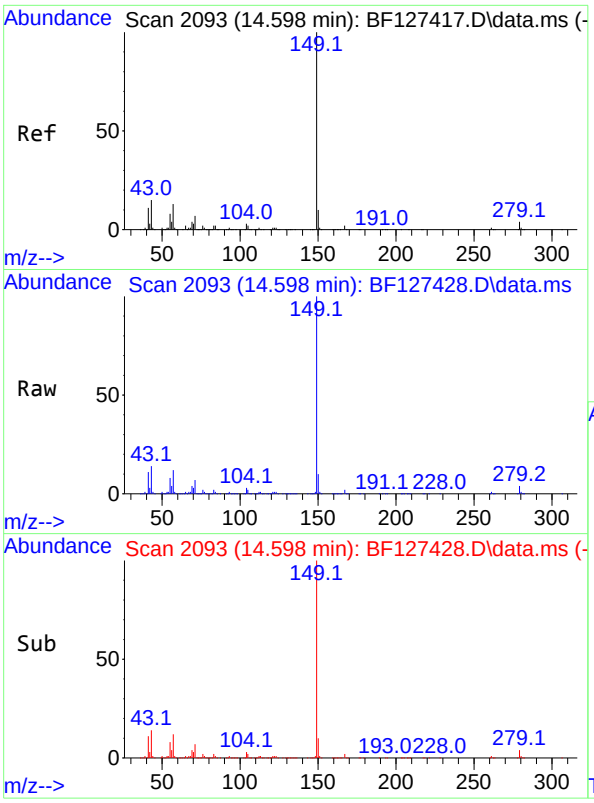


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.388 ng
RT: 13.986 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:149 Resp: 436331

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 55.616 ng
RT: 14.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:149 Resp: 57267

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.6	11.0	16.6

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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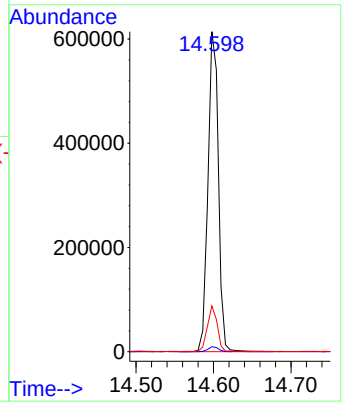
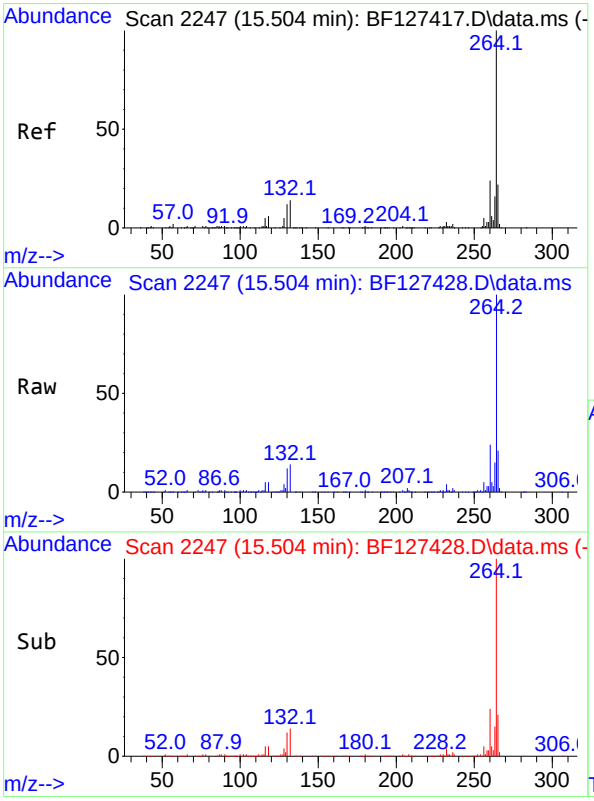
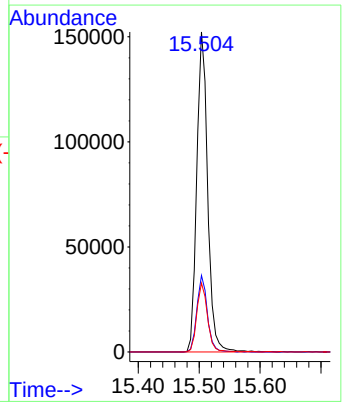


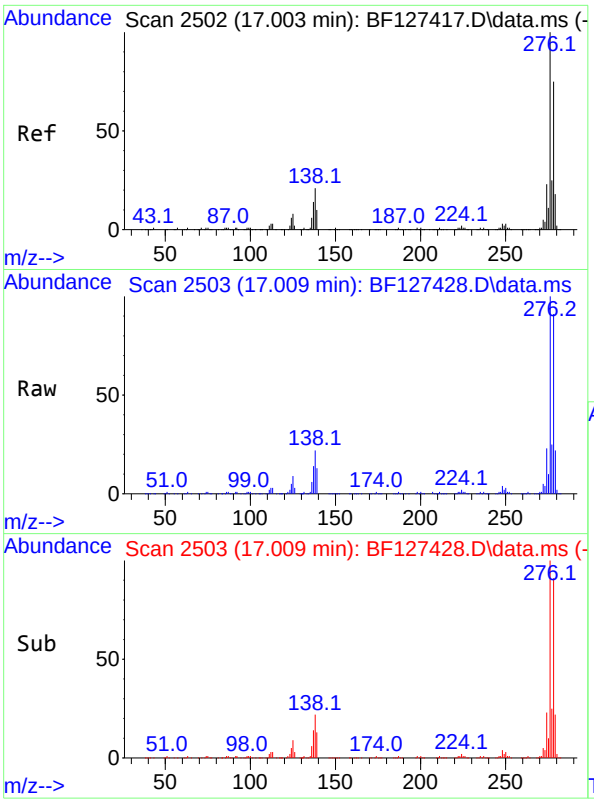


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:264 Resp: 189315

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.4	26.2

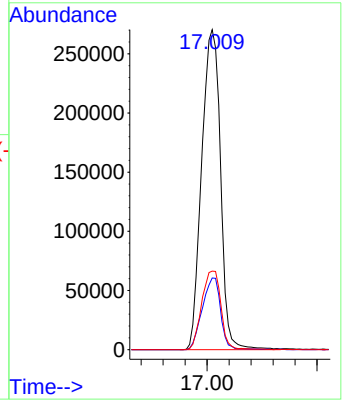




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.234 ng
RT: 17.009 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:276 Resp: 64350

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.1	25.7
277	25.1	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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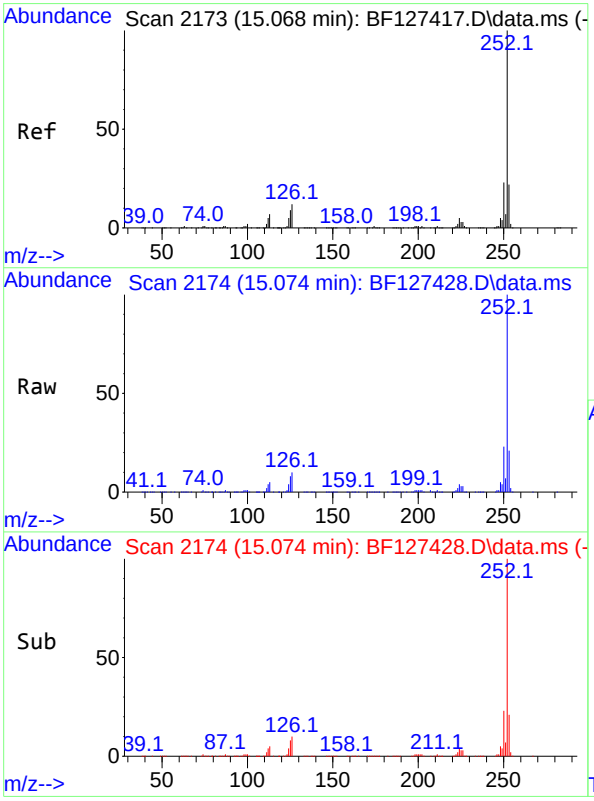
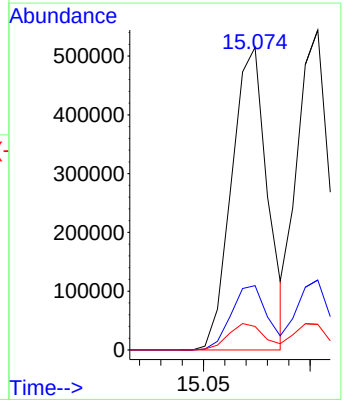
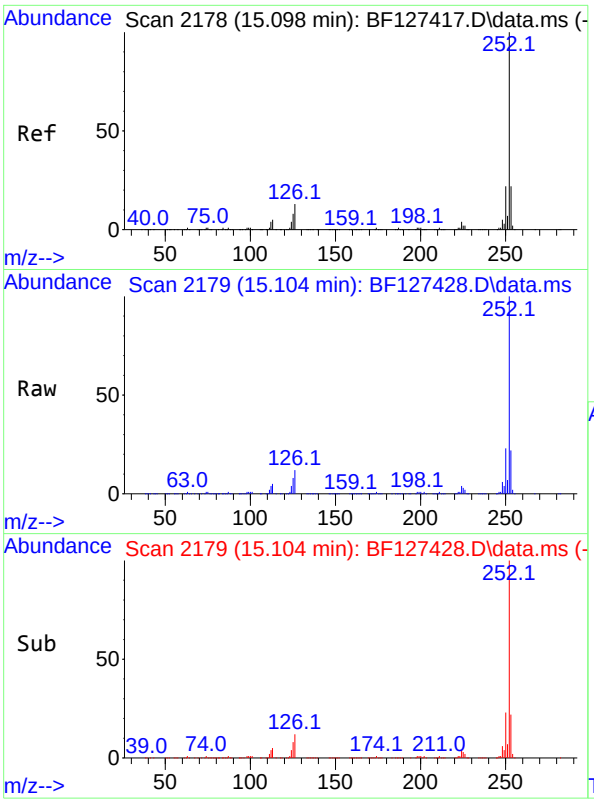


#88
Benzo(b)fluoranthene
Concen: 50.419 ng
RT: 15.074 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:252 Resp: 601842

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.7	7.0	10.4

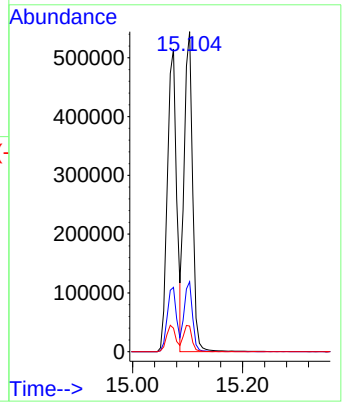




#89
Benzo(k)fluoranthene
Concen: 46.716 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:252 Resp: 57808

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.0	6.9	10.3



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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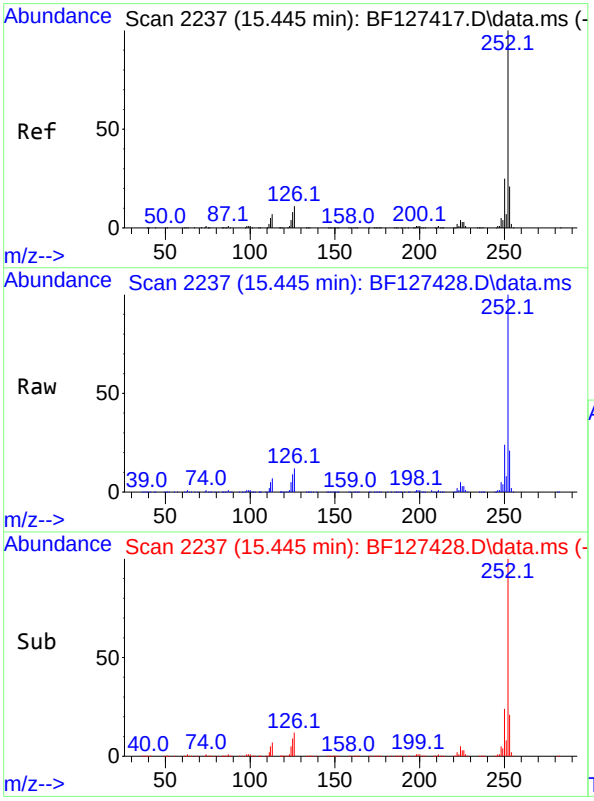
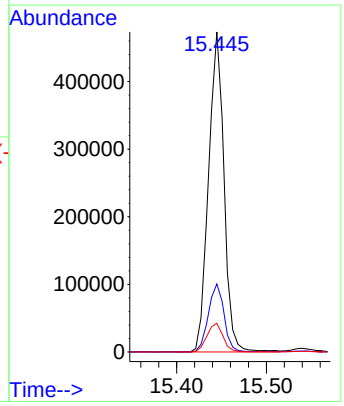
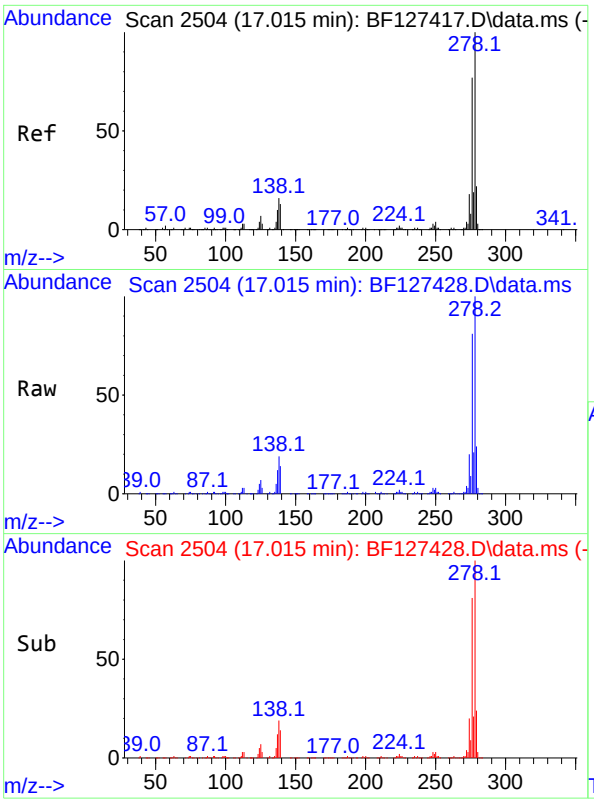


#90
Benzo(a)pyrene
Concen: 57.816 ng
RT: 15.445 min Scan# 2237
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:252 Resp: 566387

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	9.0	6.7	10.1

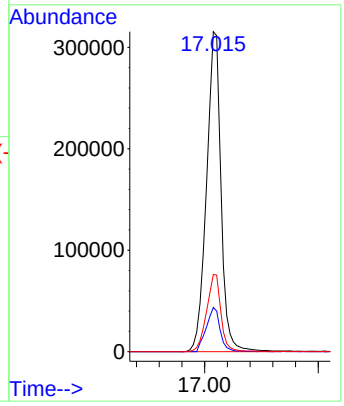




#91
Dibenzo(a,h)anthracene
Concen: 52.770 ng
RT: 17.015 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:278 Resp: 55811

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.8	16.2
279	24.1	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
C-1-0-1MS

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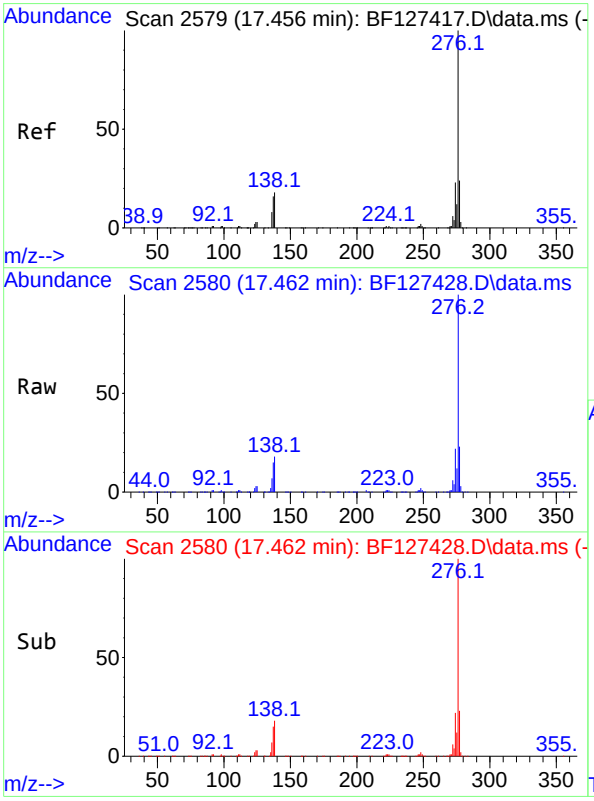
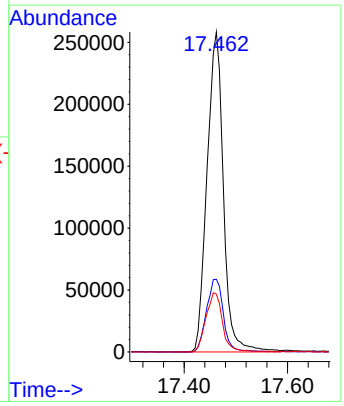


#92
Benzo(g,h,i)perylene
Concen: 51.981 ng
RT: 17.462 min Scan# 2580
Delta R.T. 0.006 min
Lab File: BF127428.D
Acq: 22 Mar 2022 01:49

Tgt Ion:276 Resp: 568242

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	18.1	14.6	22.0