

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143472.D
 Acq On : 19 Aug 2025 23:46
 Operator : RC/JU
 Sample : Q2888-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Quant Time: Aug 20 01:16:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	136436	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	521896	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	305731	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	474857	20.000	ng	0.00
76) Chrysene-d12	14.086	240	242123	20.000	ng	0.00
86) Perylene-d12	15.580	264	308087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	831478	105.938	ng	0.03
7) Phenol-d6	6.569	99	984494	99.532	ng	0.01
23) Nitrobenzene-d5	7.486	82	752685	85.579	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	366041	134.513	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1428543	78.592	ng	0.00
79) Terphenyl-d14	13.027	244	1278700	88.717	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.940	88	127284	33.691	ng	# 82
3) Pyridine	3.657	79	316536	31.945	ng	98
4) n-Nitrosodimethylamine	3.581	42	181783	39.470	ng	100
6) Aniline	6.592	93	320465	23.865	ng	# 60
8) 2-Chlorophenol	6.722	128	357101	41.211	ng	99
9) Benzaldehyde	6.481	77	106432	20.227	ng	97
10) Phenol	6.581	94	405711	35.150	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	346873	40.543	ng	97
12) 1,3-Dichlorobenzene	6.875	146	384359	39.598	ng	99
13) 1,4-Dichlorobenzene	6.945	146	391874	40.438	ng	100
14) 1,2-Dichlorobenzene	7.098	146	376397	40.666	ng	99
15) Benzyl Alcohol	7.069	79	329285	45.142	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	556344	38.036	ng	81
17) 2-Methylphenol	7.186	107	295188	41.753	ng	97
18) Hexachloroethane	7.439	117	129775	39.344	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	262682	42.898	ng	97
20) 3+4-Methylphenols	7.339	107	354605	41.957	ng	95
22) Acetophenone	7.334	105	488865	43.567	ng	98
24) Nitrobenzene	7.510	77	391129	42.550	ng	97
25) Isophorone	7.745	82	735304	43.682	ng	100
26) 2-Nitrophenol	7.822	139	200551	47.063	ng	99
27) 2,4-Dimethylphenol	7.863	122	334220	46.387	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	444539	42.964	ng	100
29) 2,4-Dichlorophenol	8.075	162	329001	44.794	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	333129	44.266	ng	99
31) Naphthalene	8.233	128	1037583	41.876	ng	100
32) Benzoic acid	7.981	122	102968	27.479	ng	97
33) 4-Chloroaniline	8.275	127	163216	18.250	ng	100
34) Hexachlorobutadiene	8.351	225	203196	42.342	ng	99
35) Caprolactam	8.645	113	53756	25.421	ng	100
36) 4-Chloro-3-methylphenol	8.769	107	350429	46.326	ng	100
37) 2-Methylnaphthalene	8.922	142	656236	39.293	ng	99
38) 1-Methylnaphthalene	9.022	142	678600	42.409	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	347939	40.807	ng	98
41) Hexachlorocyclopentadiene	9.081	237	339079	106.649	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	237873	44.723	ng	98

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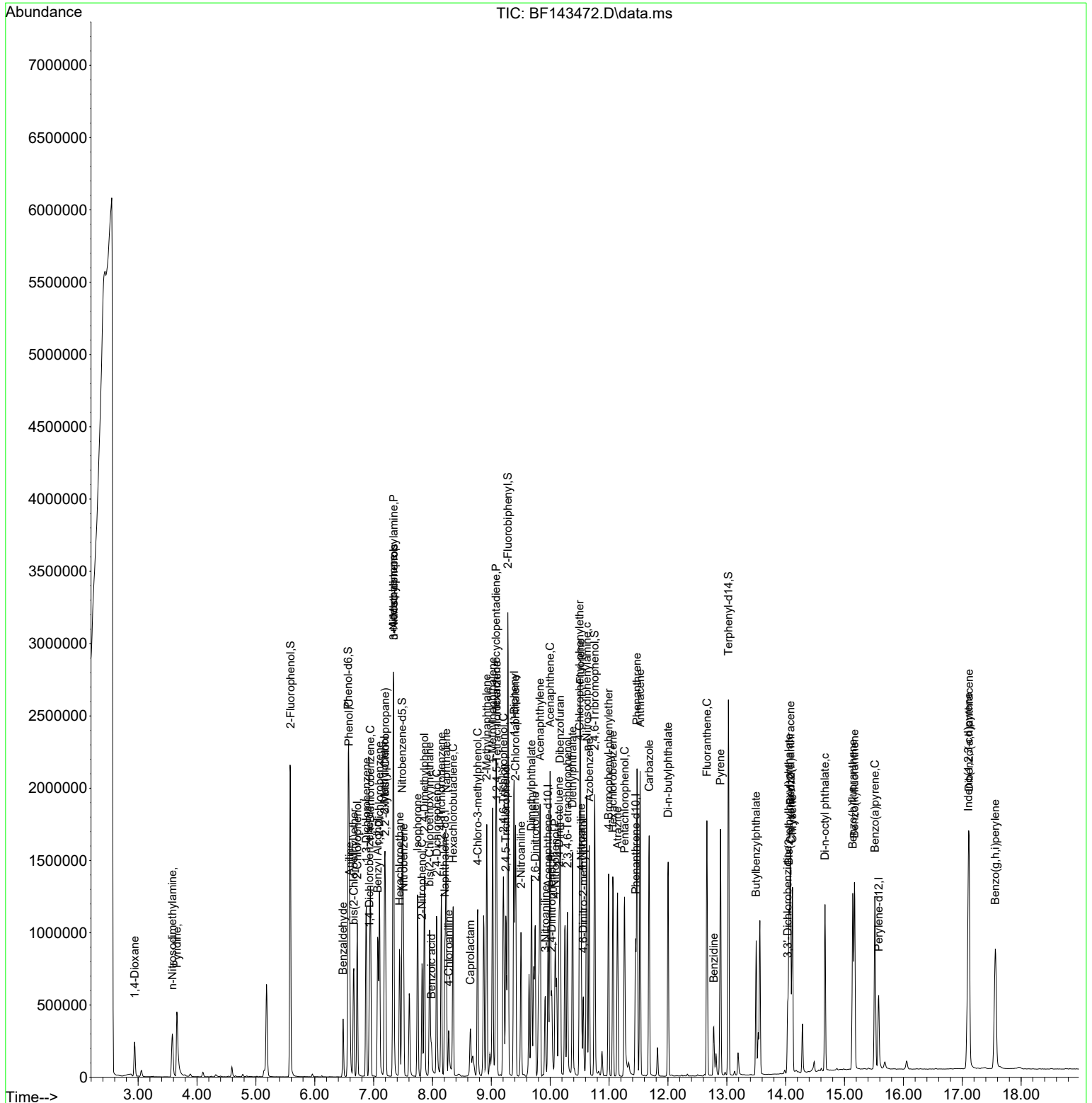
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	251448	44.103	ng	96
46) 1,1'-Biphenyl	9.386	154	913357	42.519	ng	99
47) 2-Chloronaphthalene	9.410	162	704159	41.528	ng	100
48) 2-Nitroaniline	9.504	65	230773	45.734	ng	95
49) Acenaphthylene	9.828	152	1154620	47.162	ng	99
50) Dimethylphthalate	9.680	163	871727	45.734	ng	99
51) 2,6-Dinitrotoluene	9.745	165	188694	50.218	ng	96
52) Acenaphthene	9.998	154	734326	44.596	ng	99
53) 3-Nitroaniline	9.916	138	122855	29.352	ng	98
54) 2,4-Dinitrophenol	10.027	184	130145	74.899	ng	98
55) Dibenzofuran	10.169	168	1011942	42.602	ng	98
56) 4-Nitrophenol	10.086	139	217228	82.550	ng	100
57) 2,4-Dinitrotoluene	10.151	165	257492	51.399	ng	98
58) Fluorene	10.516	166	795119	43.572	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	222951	51.659	ng	98
60) Diethylphthalate	10.380	149	793996	45.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	396943	43.997	ng	99
62) 4-Nitroaniline	10.527	138	176059	44.978	ng	98
63) Azobenzene	10.663	77	791777	44.475	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	109275	44.600	ng	96
66) n-Nitrosodiphenylamine	10.622	169	695816	45.065	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	257414	45.906	ng	99
68) Hexachlorobenzene	11.063	284	272414	45.697	ng	99
69) Atrazine	11.145	200	218755	48.439	ng	98
70) Pentachlorophenol	11.263	266	272042	103.770	ng	98
71) Phenanthrene	11.474	178	1123365	43.686	ng	99
72) Anthracene	11.527	178	1157008	44.548	ng	99
73) Carbazole	11.680	167	952566	43.365	ng	99
74) Di-n-butylphthalate	12.004	149	1056152	48.283	ng	100
75) Fluoranthene	12.663	202	990307	43.342	ng	99
77) Benzidine	12.780	184	216054	29.882	ng	98
78) Pyrene	12.892	202	965039	45.857	ng	100
80) Butylbenzylphthalate	13.498	149	291234	55.872	ng	99
81) Benzo(a)anthracene	14.080	228	728693	47.272	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	151795	33.633	ng	99
83) Chrysene	14.115	228	626517	43.964	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	380466	51.396	ng	100
85) Di-n-octyl phthalate	14.668	149	748845	49.876	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1007557	43.610	ng	99
88) Benzo(b)fluoranthene	15.139	252	822961	49.839	ng	99
89) Benzo(k)fluoranthene	15.168	252	693242	42.566	ng	100
90) Benzo(a)pyrene	15.515	252	762314	48.471	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	818157	44.098	ng	100
92) Benzo(g,h,i)perylene	17.562	276	833001	44.944	ng	99

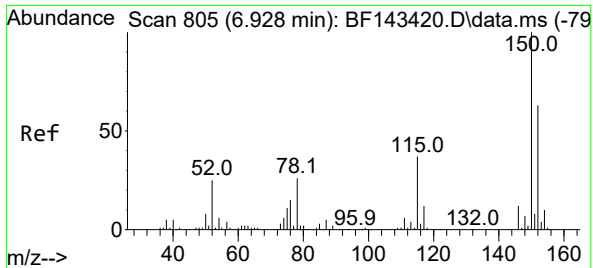
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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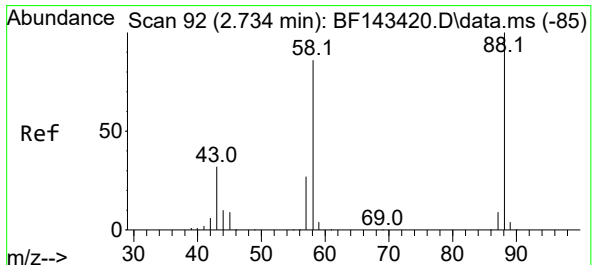
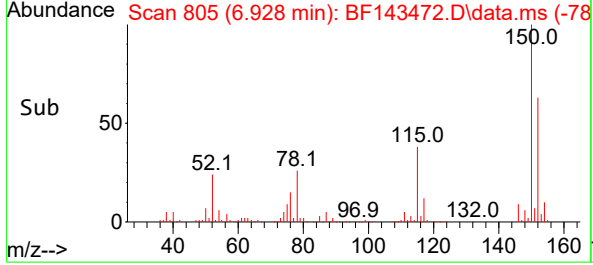
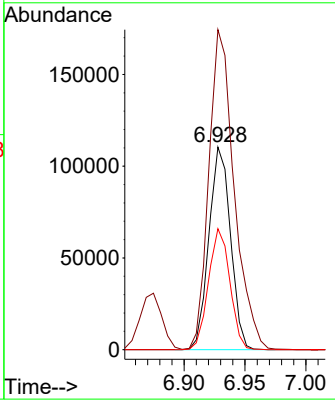
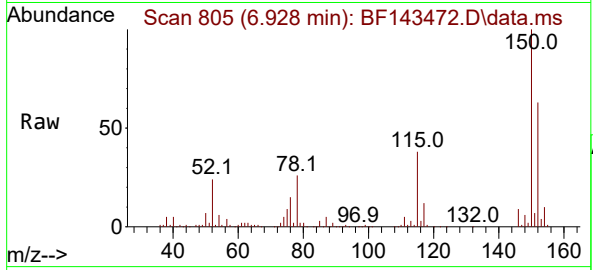


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143472.D
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Instrument : BNA_F
 ClientSampleId : VNJ-210MSD

Tgt Ion:152 Resp: 136436

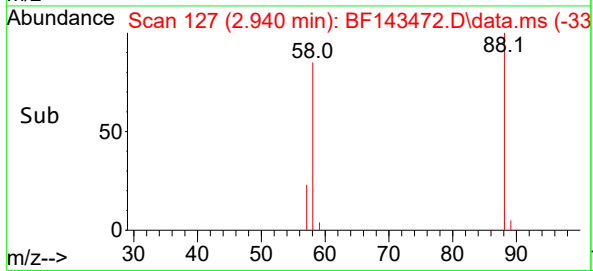
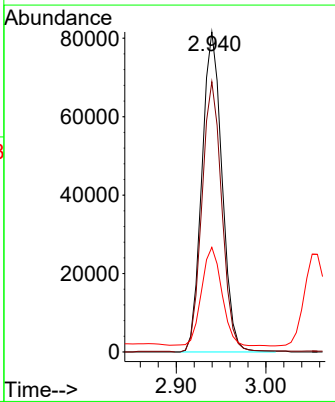
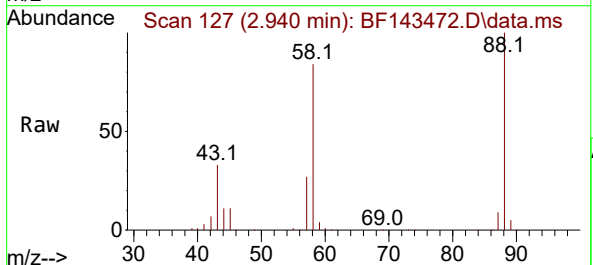
Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.2
115	59.8	47.5	71.3

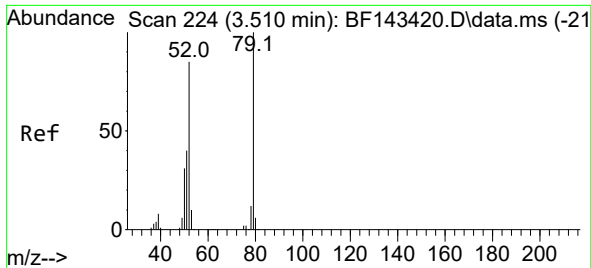


#2
 1,4-Dioxane
 Concen: 33.691 ng
 RT: 2.940 min Scan# 127
 Delta R.T. 0.206 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 88 Resp: 127284

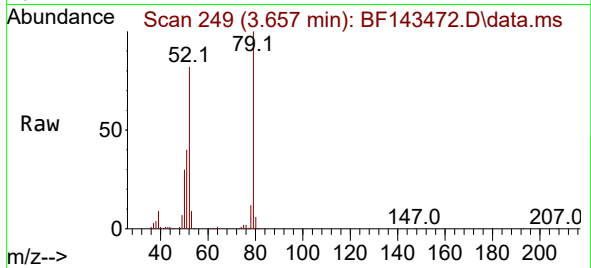
Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.7	103.1
43	0.0	26.1	39.1



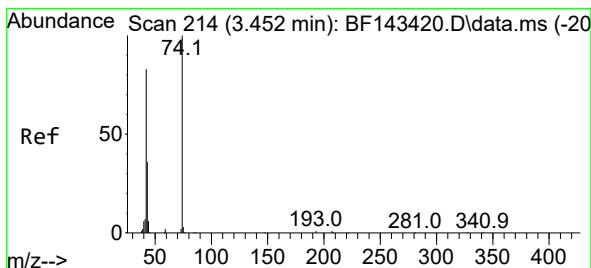
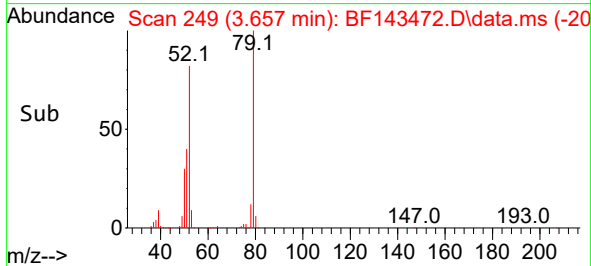
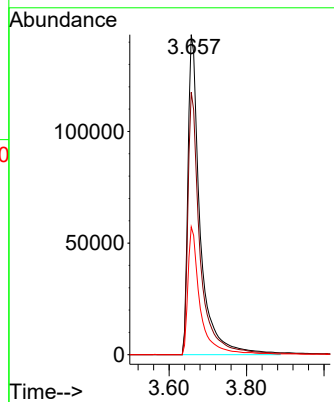


#3
 Pyridine
 Concen: 31.945 ng
 RT: 3.657 min Scan# 24
 Delta R.T. 0.147 min
 Lab File: BF143472.D
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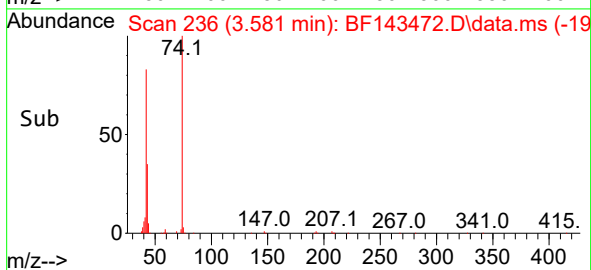
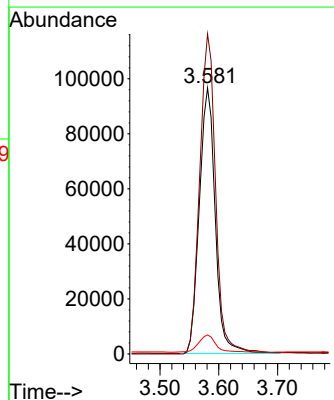
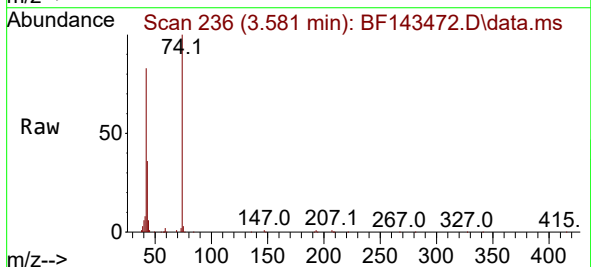


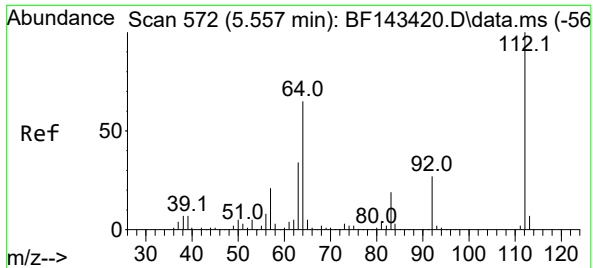
Tgt Ion: 79 Resp: 316536
 Ion Ratio Lower Upper
 79 100
 52 82.0 67.7 101.5
 51 40.0 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 39.470 ng
 RT: 3.581 min Scan# 236
 Delta R.T. 0.129 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 42 Resp: 181783
 Ion Ratio Lower Upper
 42 100
 74 120.3 96.2 144.4
 44 7.1 5.9 8.9

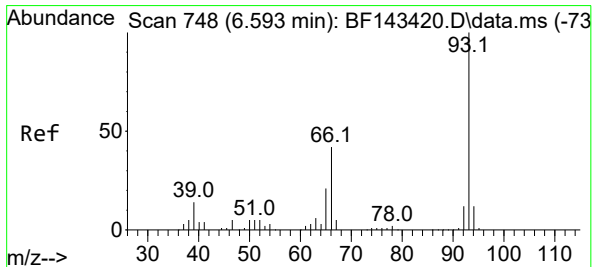
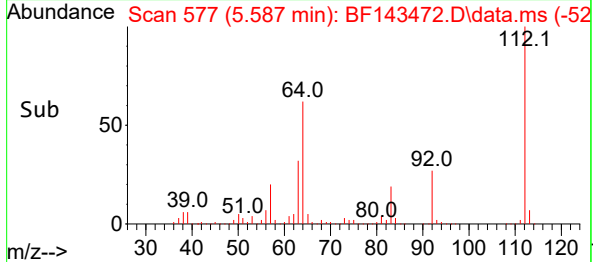
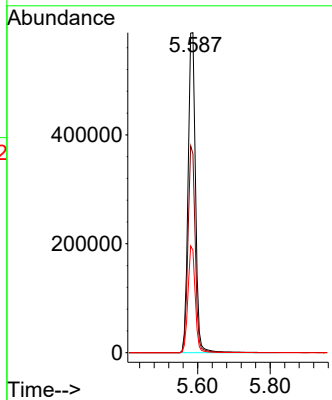
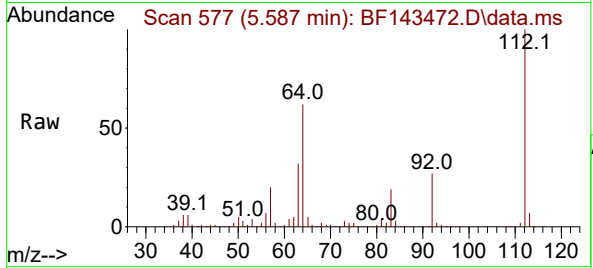




#5
 2-Fluorophenol
 Concen: 105.938 ng
 RT: 5.587 min Scan# 51
 Delta R.T. 0.029 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

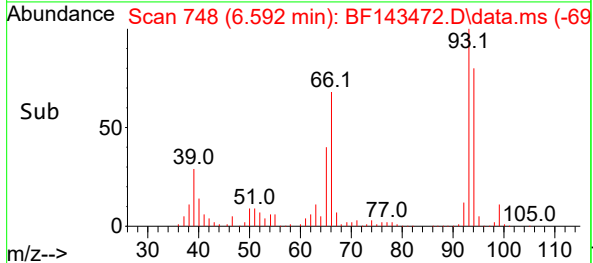
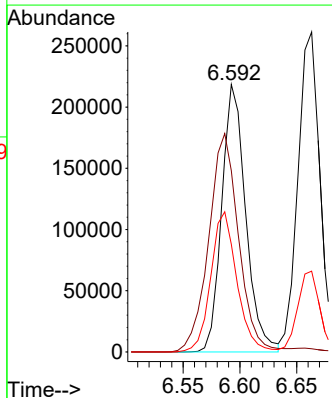
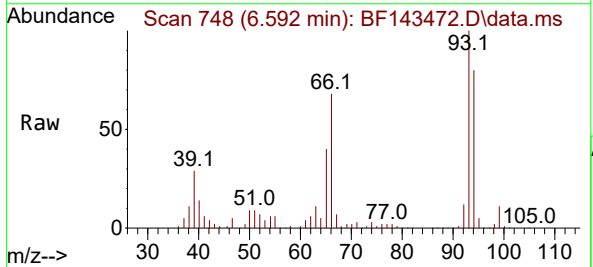
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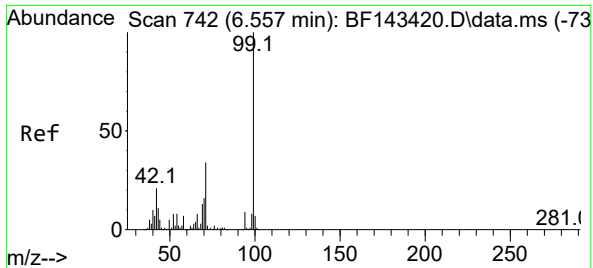
Tgt Ion:112 Resp: 831478
 Ion Ratio Lower Upper
 112 100
 64 62.2 52.2 78.2
 63 32.0 27.0 40.6



#6
 Aniline
 Concen: 23.865 ng
 RT: 6.592 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 93 Resp: 320465
 Ion Ratio Lower Upper
 93 100
 66 67.8 33.8 50.8#
 65 40.2 17.2 25.8#

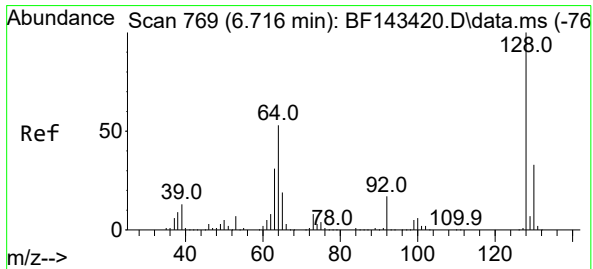
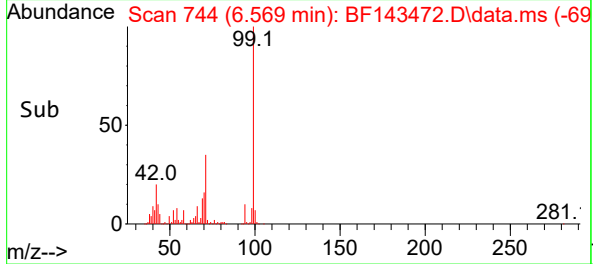
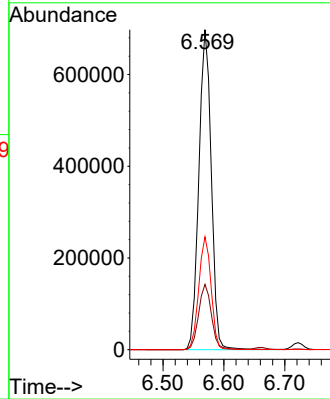
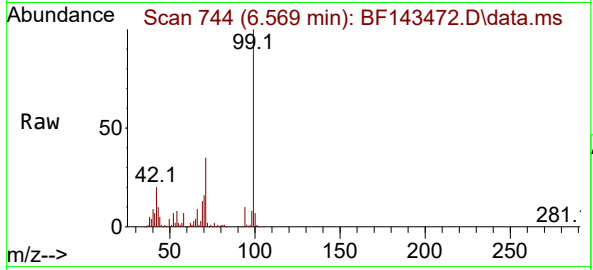




#7
 Phenol-d6
 Concen: 99.532 ng
 RT: 6.569 min Scan# 742
 Delta R.T. 0.012 min
 Lab File: BF143472.D
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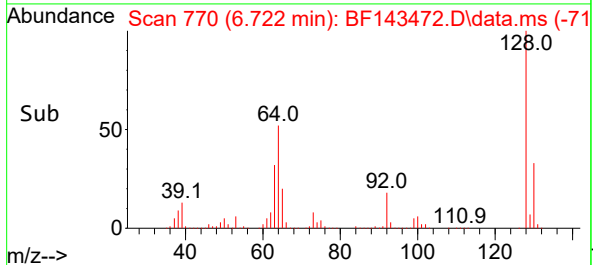
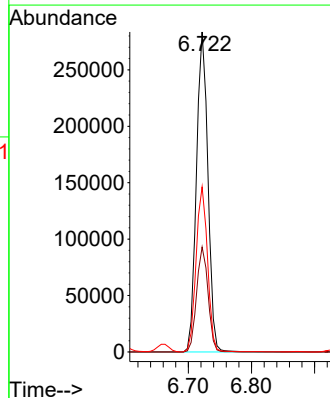
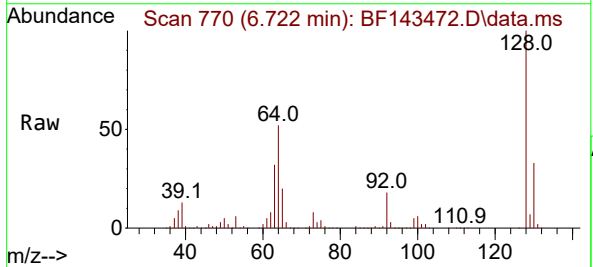
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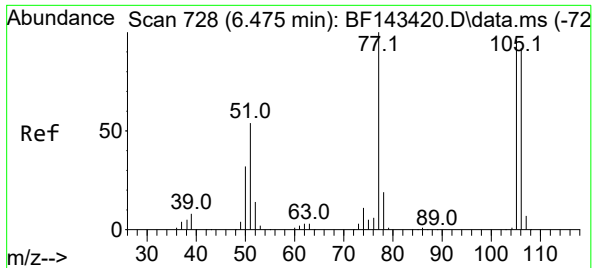
Tgt Ion: 99 Resp: 984494
 Ion Ratio Lower Upper
 99 100
 42 20.4 17.0 25.6
 71 35.3 27.4 41.2



#8
 2-Chlorophenol
 Concen: 41.211 ng
 RT: 6.722 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: BF143472.D
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Tgt Ion: 128 Resp: 357101
 Ion Ratio Lower Upper
 128 100
 130 32.8 12.9 52.9
 64 51.6 33.1 73.1



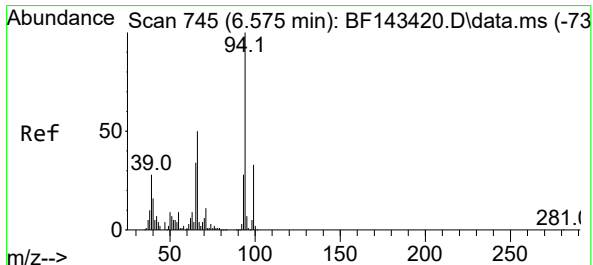
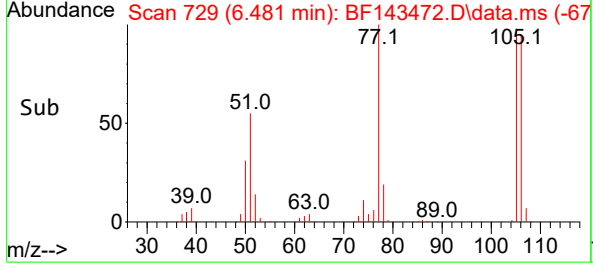
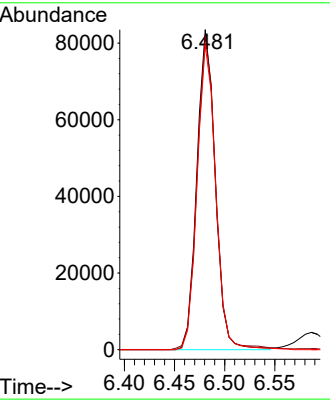
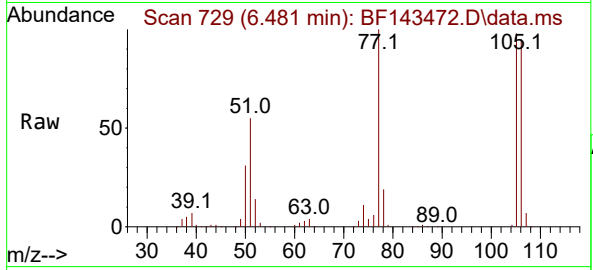


#9
Benzaldehyde
Concen: 20.227 ng
RT: 6.481 min Scan# 71
Delta R.T. 0.006 min
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Tgt Ion: 77 Resp: 106432

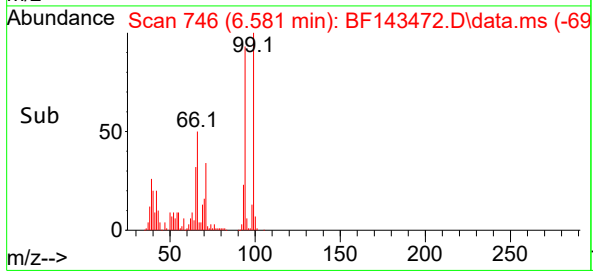
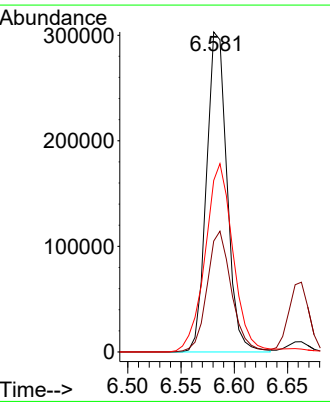
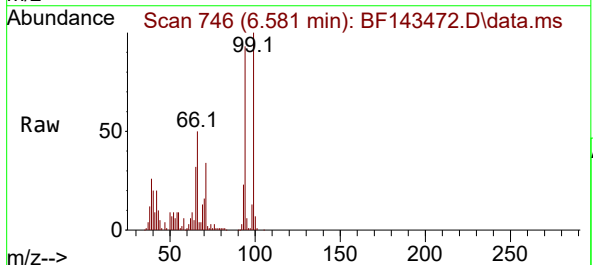
Ion	Ratio	Lower	Upper
77	100		
105	98.1	75.5	115.5
106	95.3	72.0	112.0

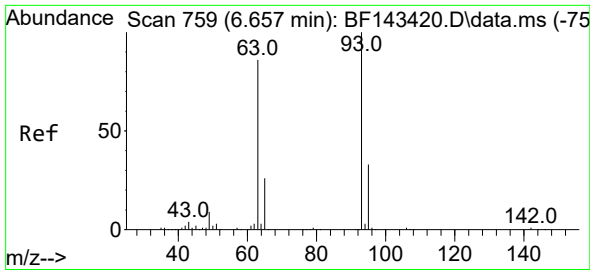


#10
Phenol
Concen: 35.150 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143472.D
Acq: 19 Aug 2025 23:46

Tgt Ion: 94 Resp: 405711

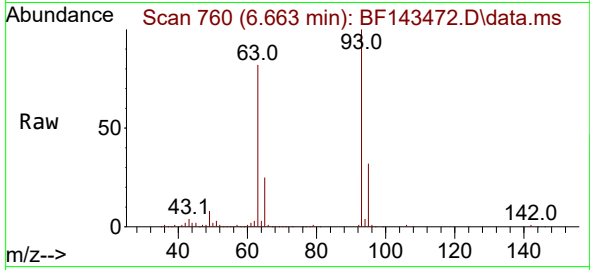
Ion	Ratio	Lower	Upper
94	100		
65	34.6	13.7	53.7
66	53.6	30.3	70.3



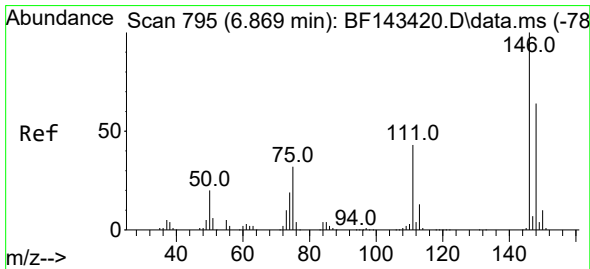
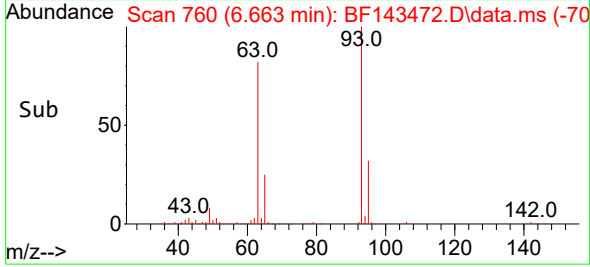
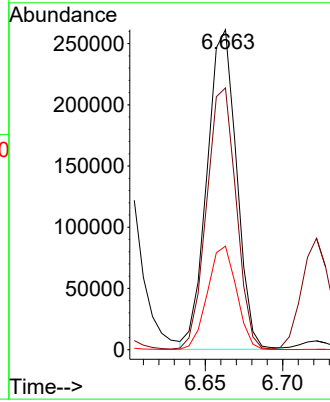


#11
 bis(2-Chloroethyl)ether
 Concen: 40.543 ng
 RT: 6.663 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

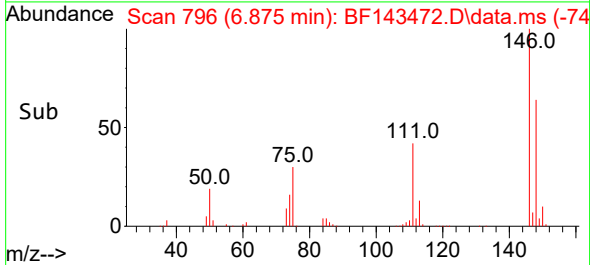
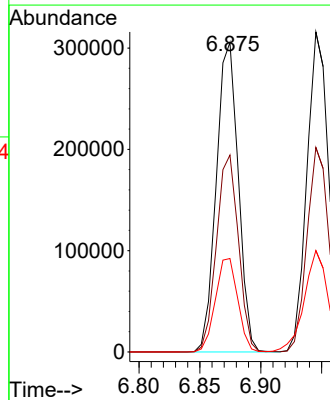
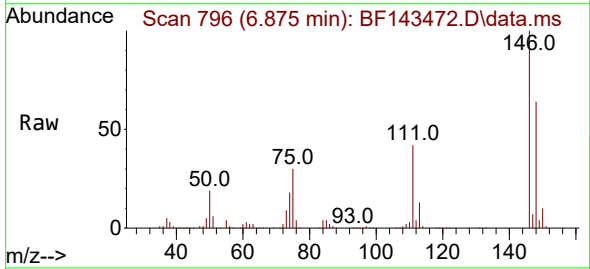


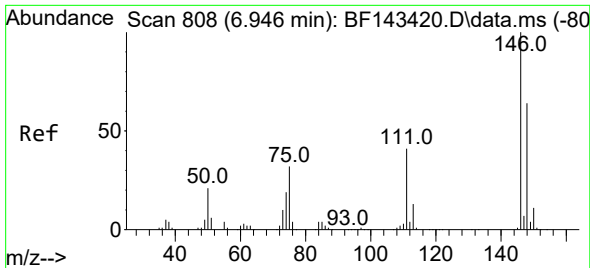
Tgt Ion: 93 Resp: 346873
 Ion Ratio Lower Upper
 93 100
 63 81.8 65.4 105.4
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.598 ng
 RT: 6.875 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 146 Resp: 384359
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 75 30.2 25.3 37.9



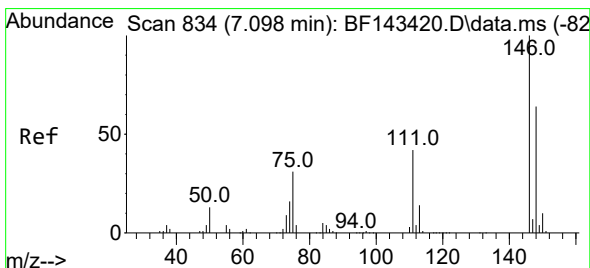
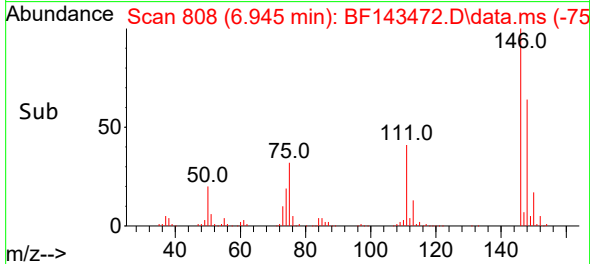
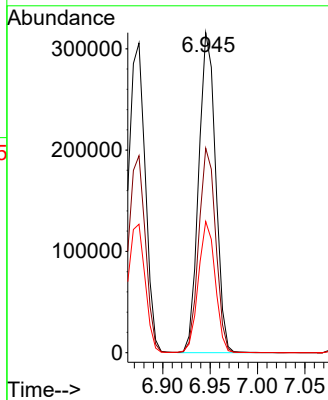
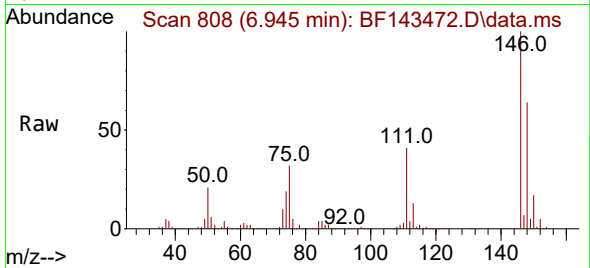


#13
 1,4-Dichlorobenzene
 Concen: 40.438 ng
 RT: 6.945 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:146 Resp: 391874

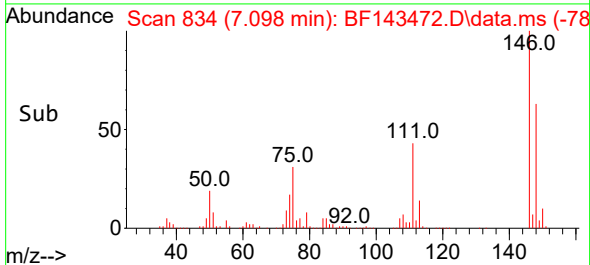
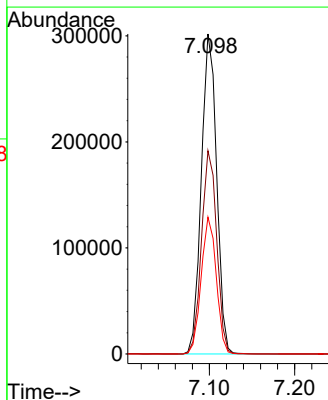
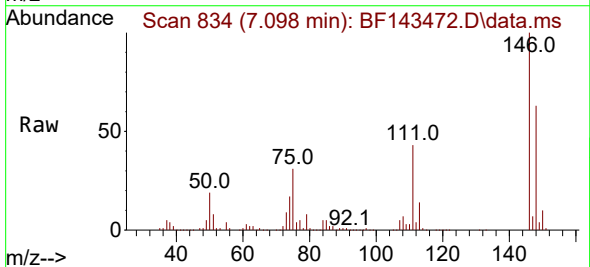
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.0	32.5	48.7

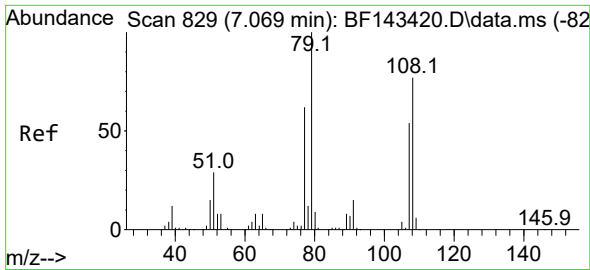


#14
 1,2-Dichlorobenzene
 Concen: 40.666 ng
 RT: 7.098 min Scan# 834
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:146 Resp: 376397

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	42.8	33.9	50.9

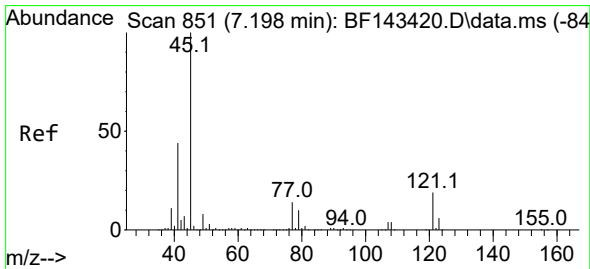
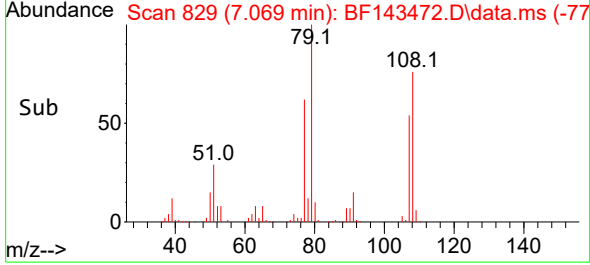
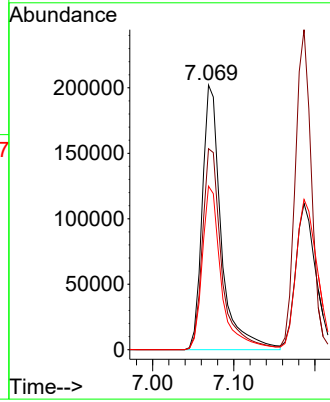
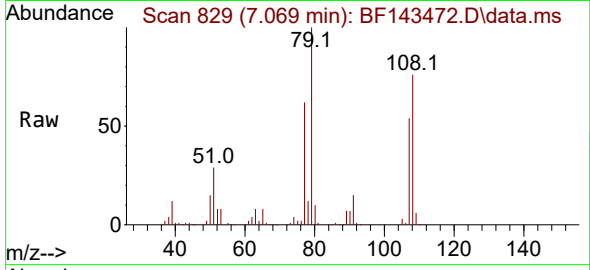




#15
 Benzyl Alcohol
 Concen: 45.142 ng
 RT: 7.069 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

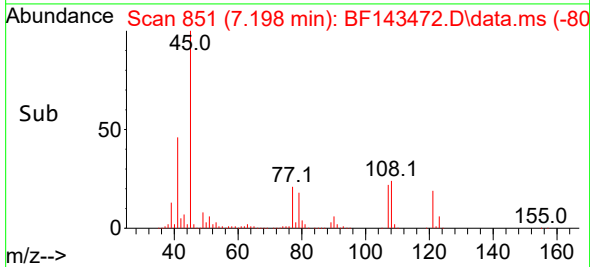
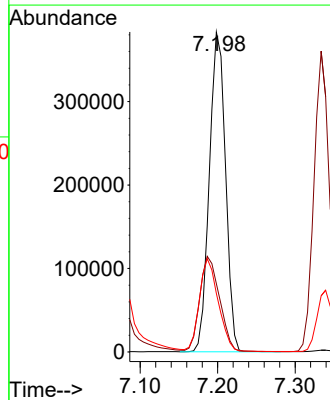
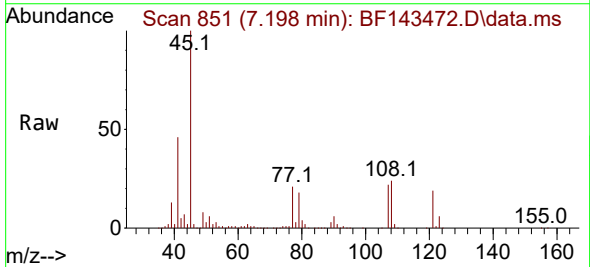
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

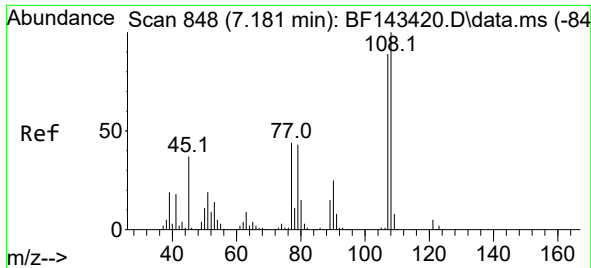
Tgt Ion: 79 Resp: 329285
 Ion Ratio Lower Upper
 79 100
 108 76.0 61.9 92.9
 77 61.8 49.2 73.8



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 38.036 ng
 RT: 7.198 min Scan# 851
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 45 Resp: 556344
 Ion Ratio Lower Upper
 45 100
 77 21.4 0.0 33.9
 79 18.3 0.0 30.7



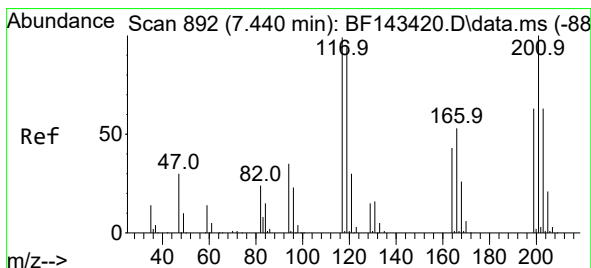
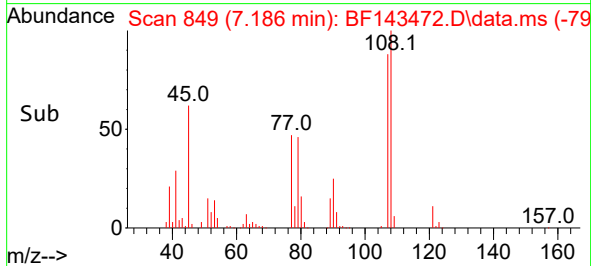
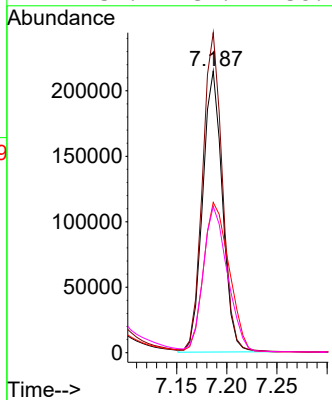
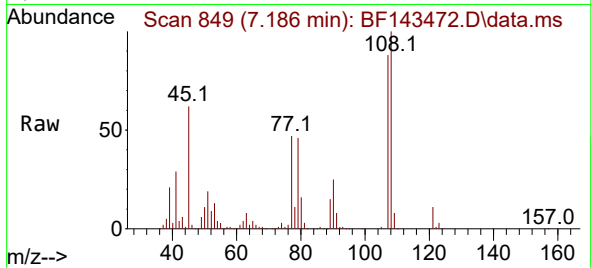


#17
 2-Methylphenol
 Concen: 41.753 ng
 RT: 7.186 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:107 Resp: 295188

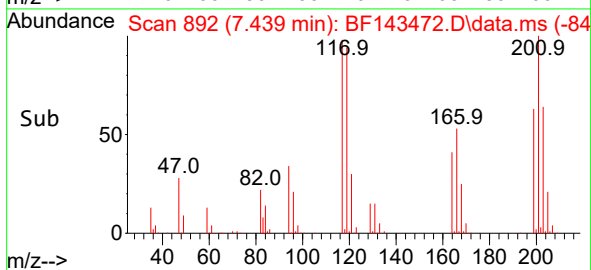
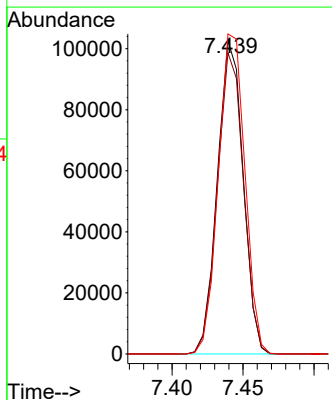
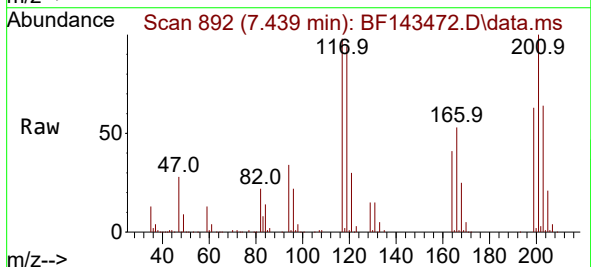
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.1	135.1
77	53.3	39.9	59.9
79	51.9	39.1	58.7

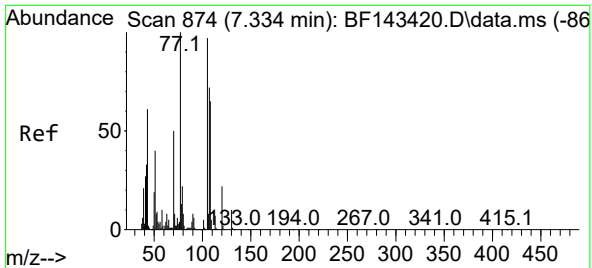


#18
 Hexachloroethane
 Concen: 39.344 ng
 RT: 7.439 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:117 Resp: 129775

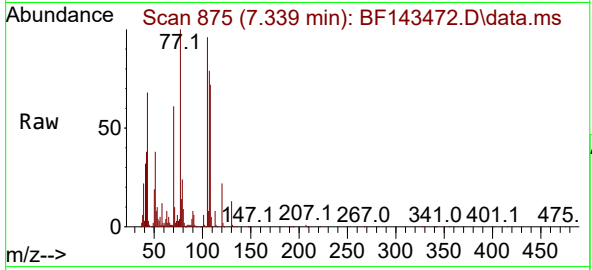
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	102.2	81.0	121.4





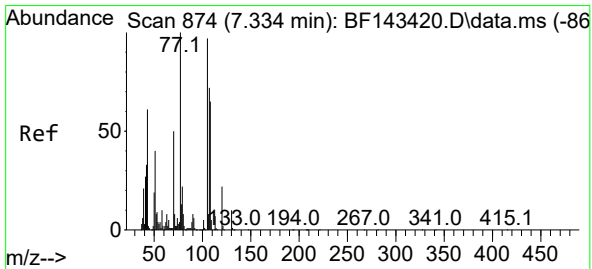
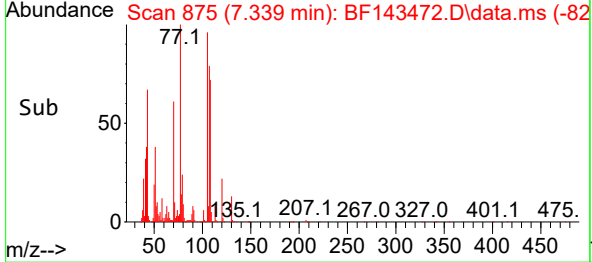
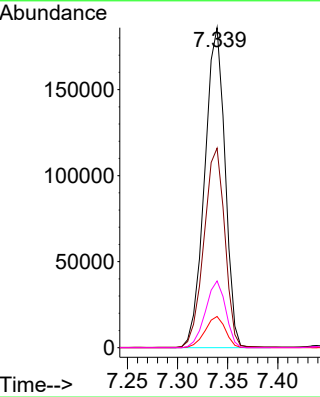
#19
 n-Nitroso-di-n-propylamine
 Concen: 42.898 ng
 RT: 7.339 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

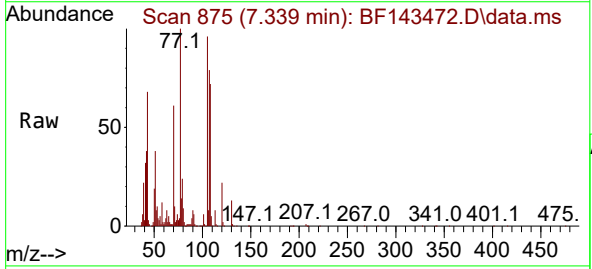


Tgt Ion: 70 Resp: 262682

Ion	Ratio	Lower	Upper
70	100		
42	62.4	52.5	78.7
101	9.8	7.9	11.9
130	20.8	16.0	24.0

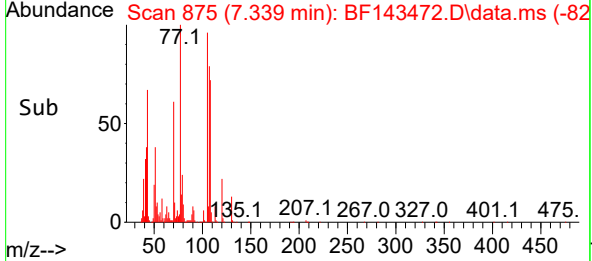
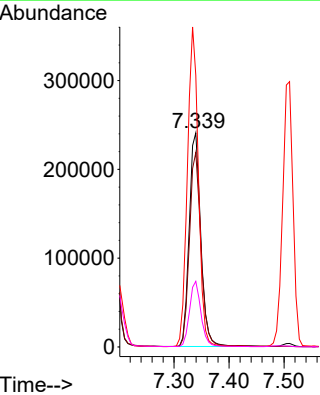


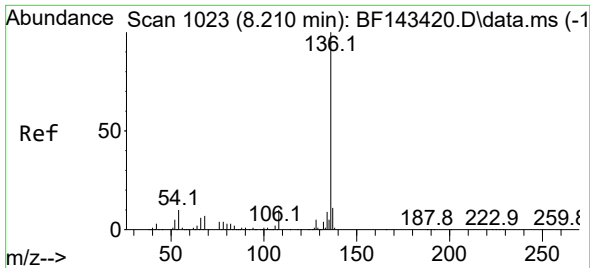
#20
 3+4-Methylphenols
 Concen: 41.957 ng
 RT: 7.339 min Scan# 875
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion: 107 Resp: 354605

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.8	110.8
77	126.9	119.1	159.1
79	30.7	11.2	51.2





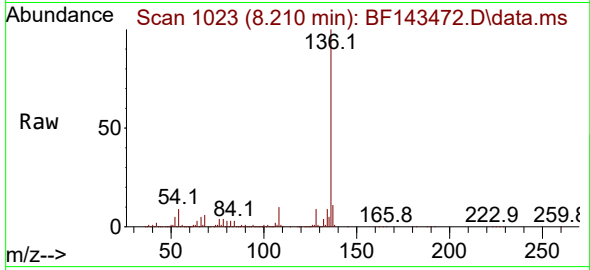
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.210 min Scan# 1023
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

BNA_F

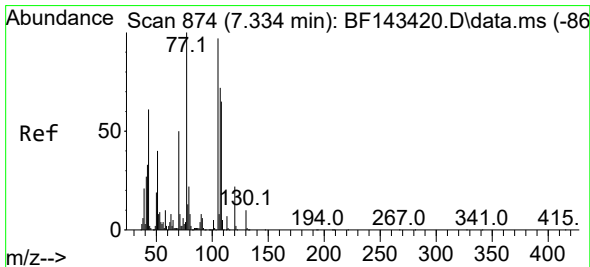
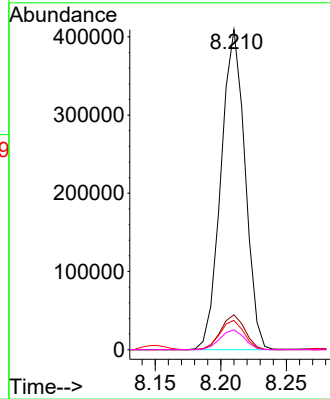
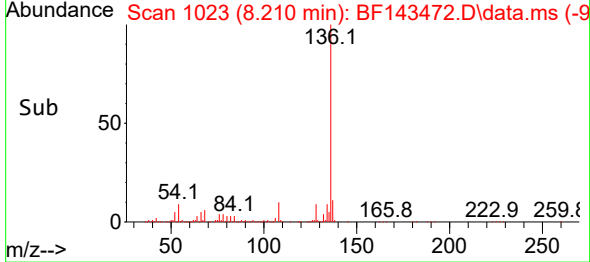
ClientSampleId :

VNJ-210MSD

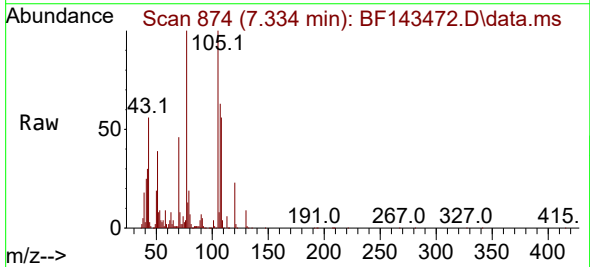


Tgt Ion:136 Resp: 521896

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.8	11.8
68	6.2	5.2	7.8

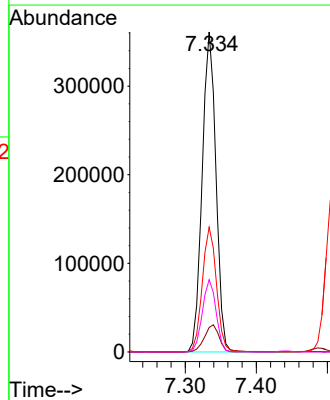
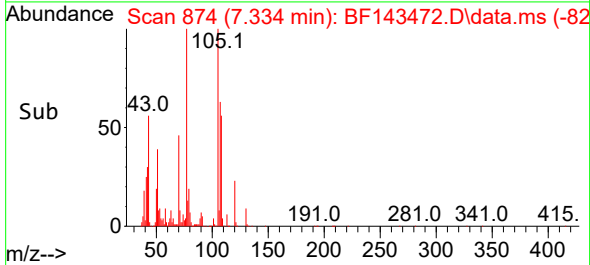


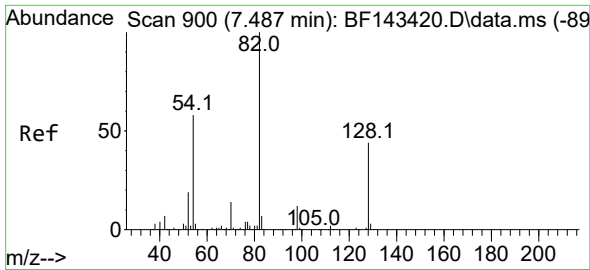
#22
 Acetophenone
 Concen: 43.567 ng
 RT: 7.334 min Scan# 874
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion:105 Resp: 488865

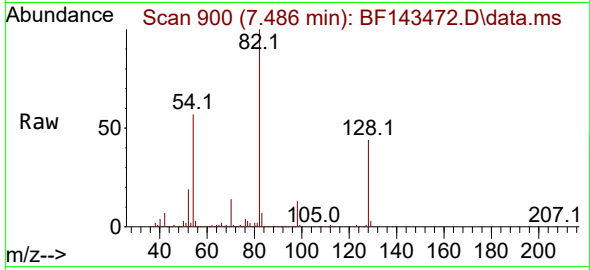
Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.0	10.4
51	39.0	32.7	49.1
120	22.6	17.8	26.8



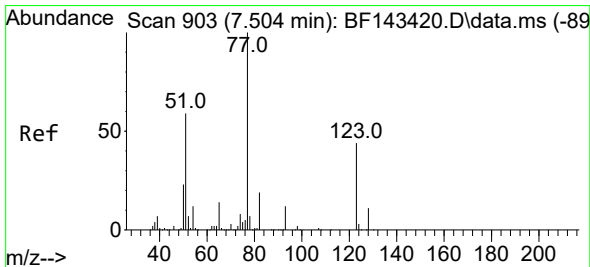
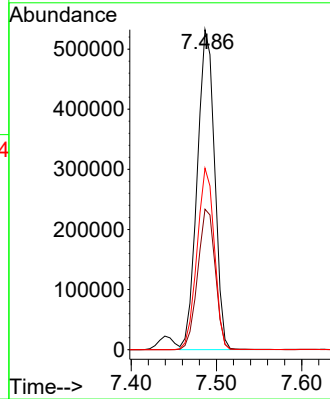
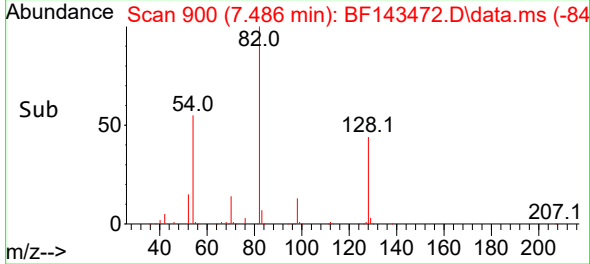


#23
 Nitrobenzene-d5
 Concen: 85.579 ng
 RT: 7.486 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

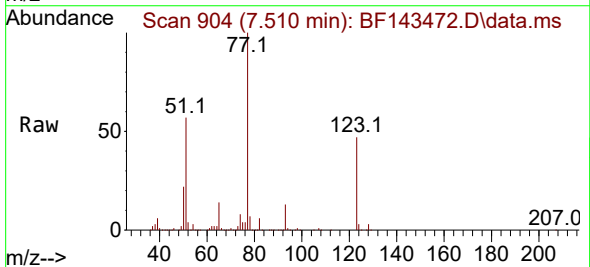
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD



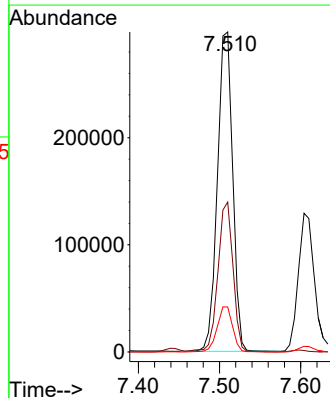
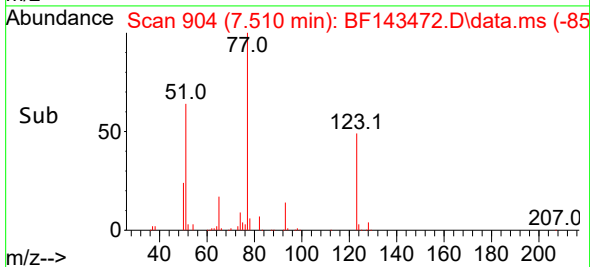
Tgt Ion: 82 Resp: 752685
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 52.0
 54 56.7 46.0 69.0

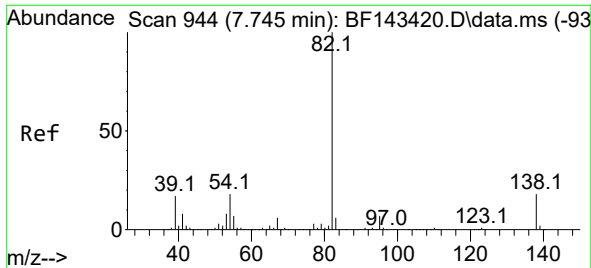


#24
 Nitrobenzene
 Concen: 42.550 ng
 RT: 7.510 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion: 77 Resp: 391129
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.4 53.0
 65 14.0 11.2 16.8



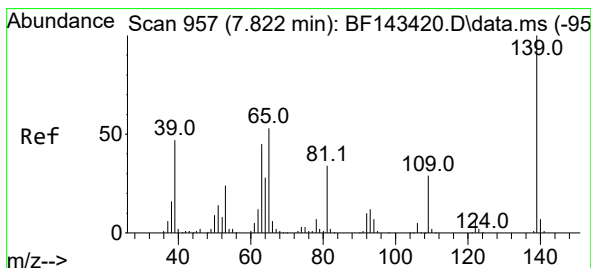
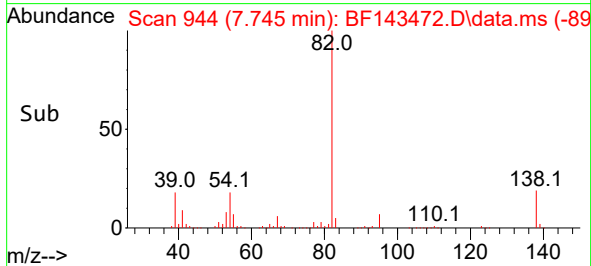
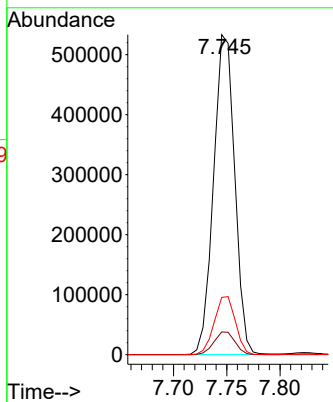
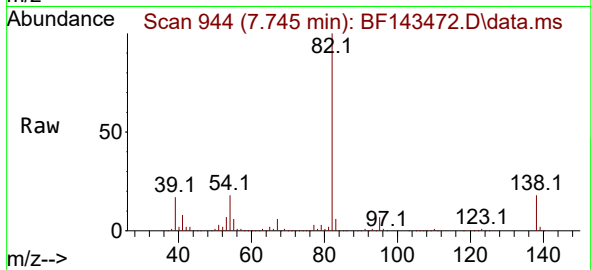


#25
 Isophorone
 Concen: 43.682 ng
 RT: 7.745 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion: 82 Resp: 735304

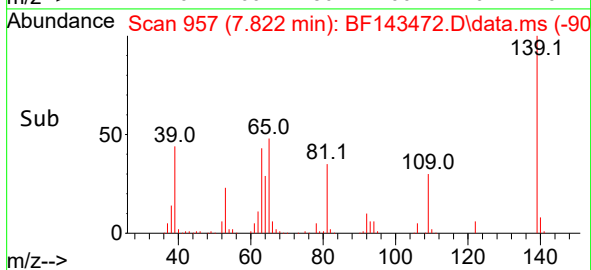
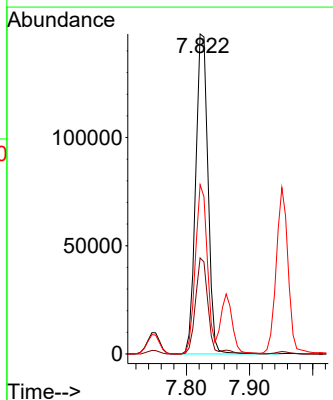
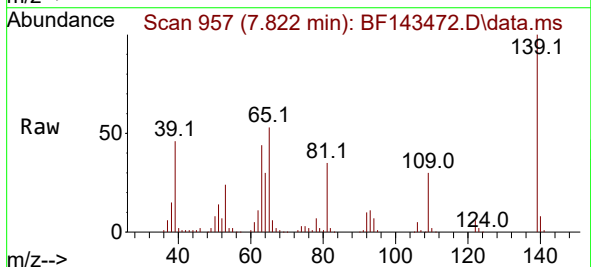
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	17.9	14.3	21.5

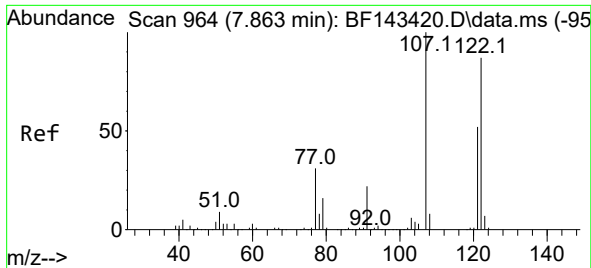


#26
 2-Nitrophenol
 Concen: 47.063 ng
 RT: 7.822 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 139 Resp: 200551

Ion	Ratio	Lower	Upper
139	100		
109	30.0	23.0	34.4
65	52.9	42.5	63.7





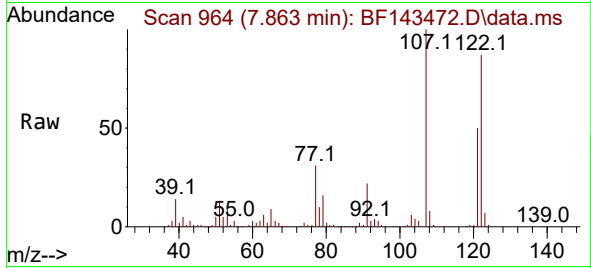
#27
 2,4-Dimethylphenol
 Concen: 46.387 ng
 RT: 7.863 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

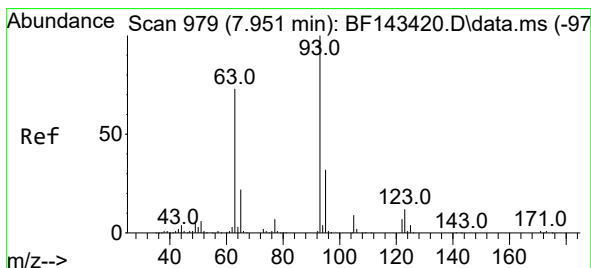
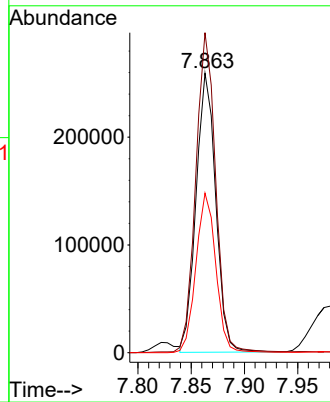
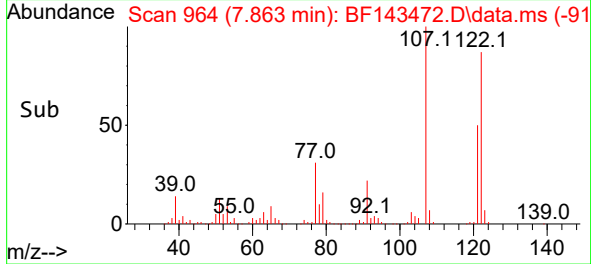
BNA_F

ClientSampleId :

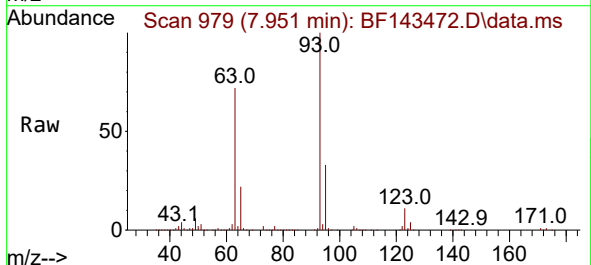
VNJ-210MSD



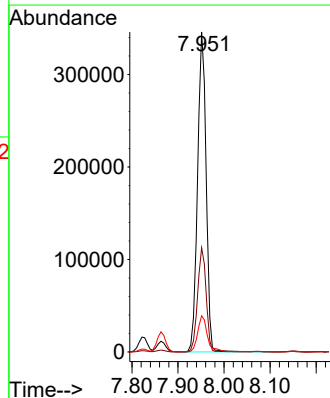
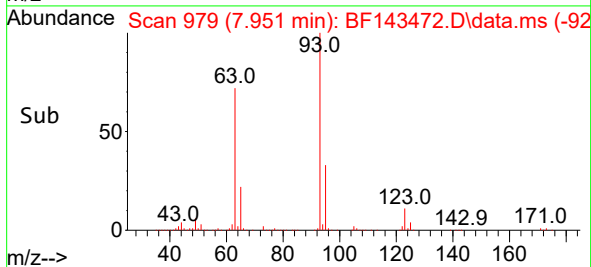
Tgt Ion:122 Resp: 334220
 Ion Ratio Lower Upper
 122 100
 107 114.5 90.4 135.6
 121 57.1 46.7 70.1

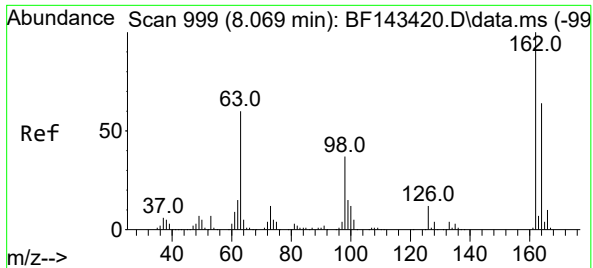


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.964 ng
 RT: 7.951 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion: 93 Resp: 444539
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.3 9.5 14.3



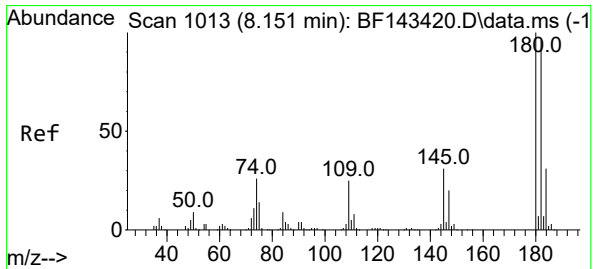
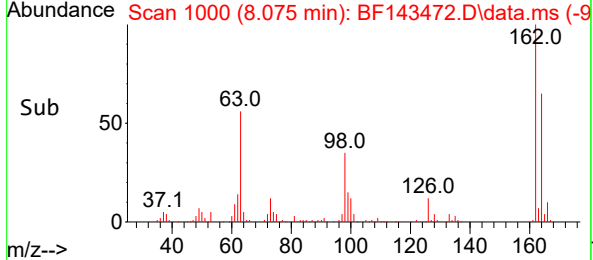
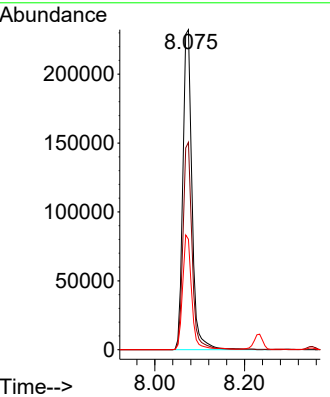
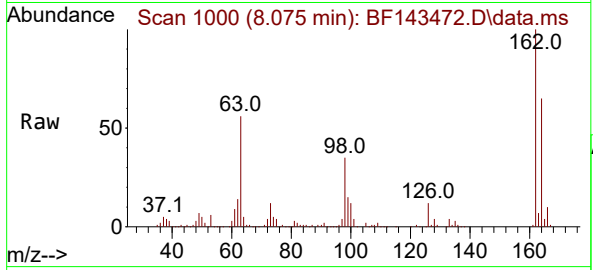


#29
 2,4-Dichlorophenol
 Concen: 44.794 ng
 RT: 8.075 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:162 Resp: 329001

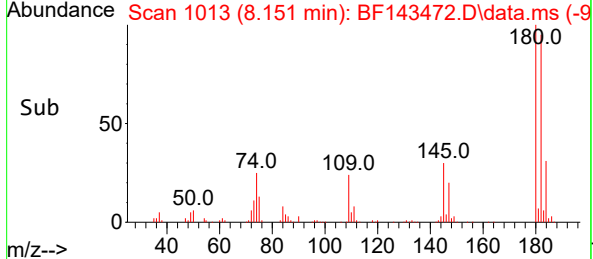
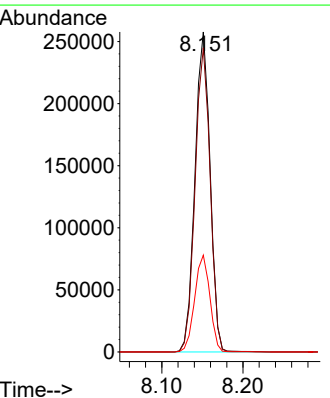
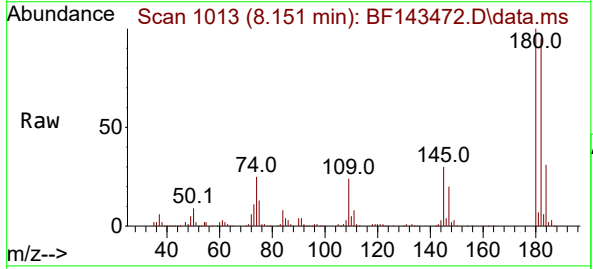
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	34.5	16.9	56.9

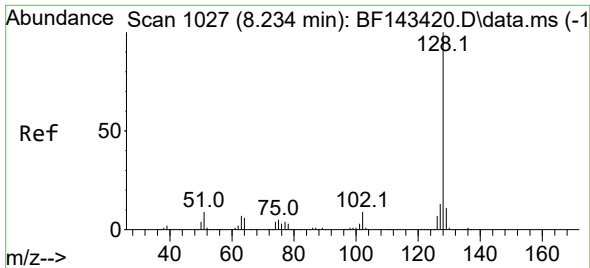


#30
 1,2,4-Trichlorobenzene
 Concen: 44.266 ng
 RT: 8.151 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:180 Resp: 333129

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	30.3	24.5	36.7



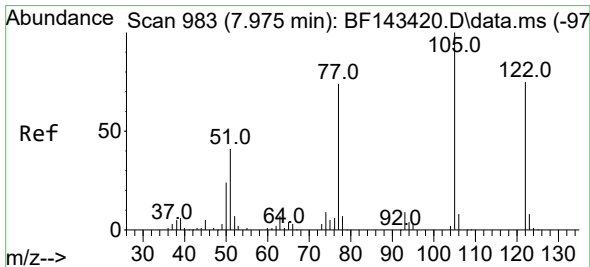
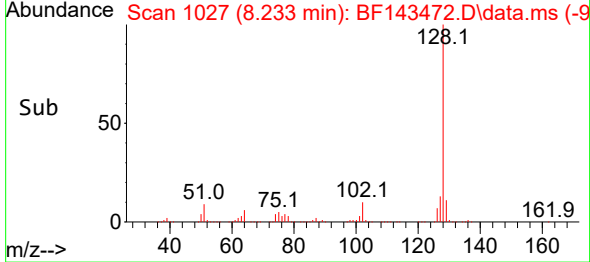
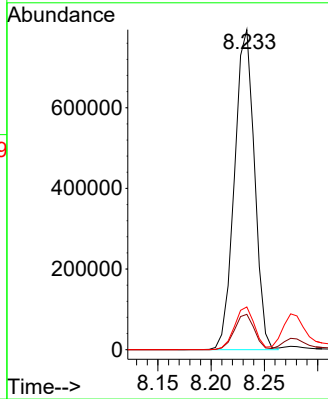
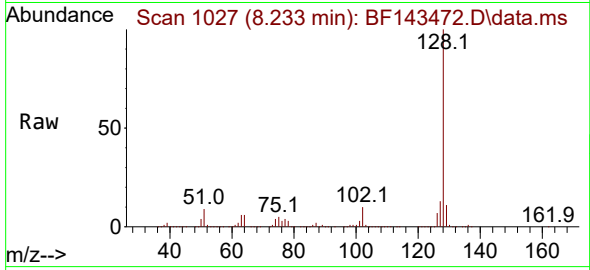


#31
 Naphthalene
 Concen: 41.876 ng
 RT: 8.233 min Scan# 1027
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument : BNA_F
 ClientSampleId : VNJ-210MSD

Tgt Ion:128 Resp: 1037583

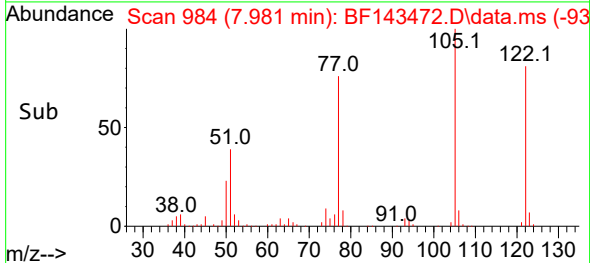
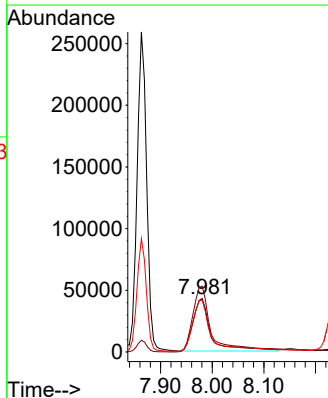
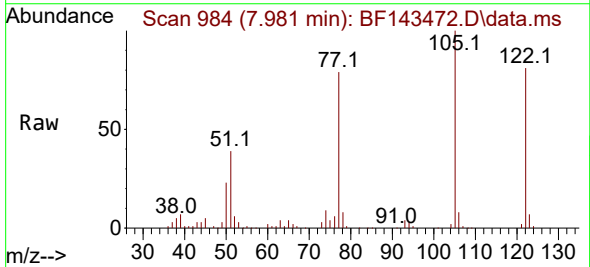
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.6	16.0

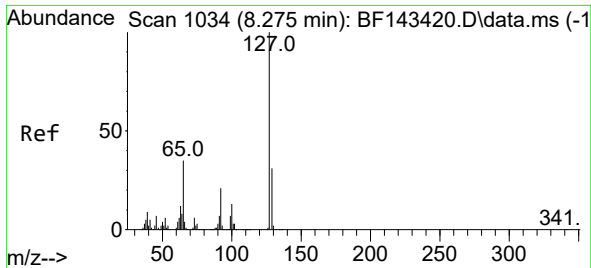


#32
 Benzoic acid
 Concen: 27.479 ng
 RT: 7.981 min Scan# 984
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:122 Resp: 102968

Ion	Ratio	Lower	Upper
122	100		
105	123.3	108.4	148.4
77	96.9	75.9	115.9





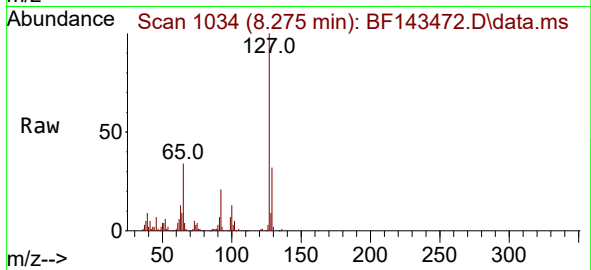
#33
 4-Chloroaniline
 Concen: 18.250 ng
 RT: 8.275 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

BNA_F

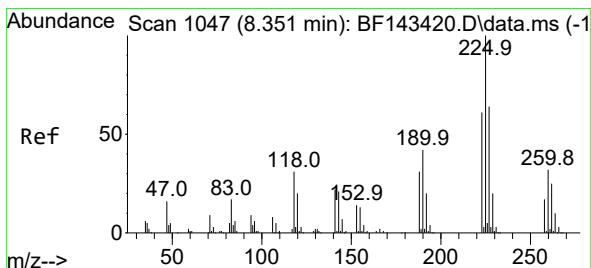
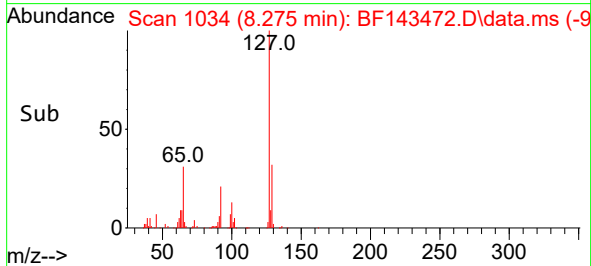
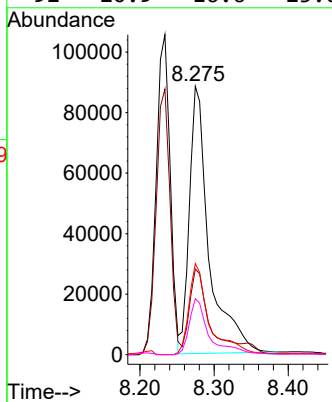
ClientSampleId :

VNJ-210MSD



Tgt Ion:127 Resp: 163216

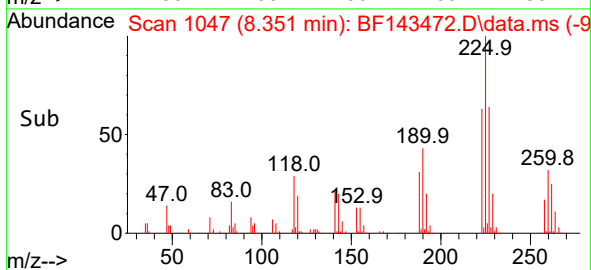
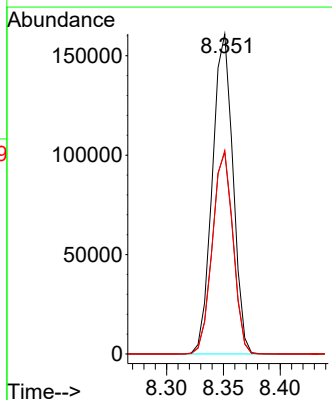
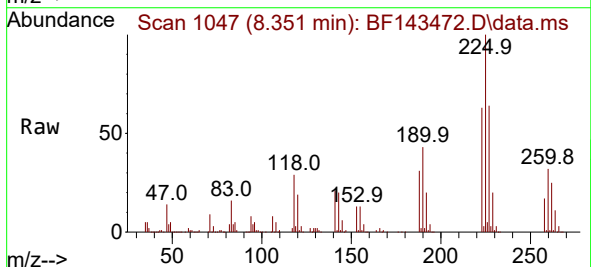
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	33.9	27.2	40.8
92	20.9	16.6	25.0

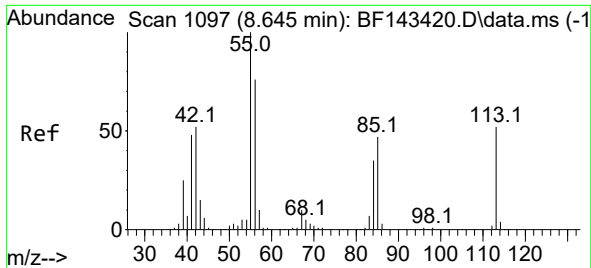


#34
 Hexachlorobutadiene
 Concen: 42.342 ng
 RT: 8.351 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:225 Resp: 203196

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.0	73.6
227	63.6	51.1	76.7



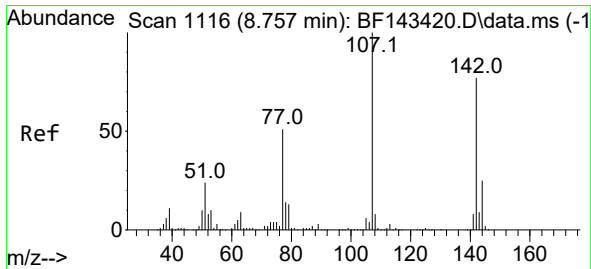
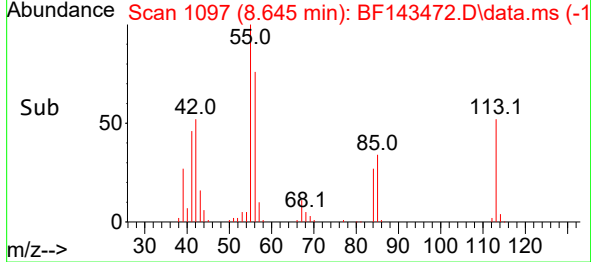
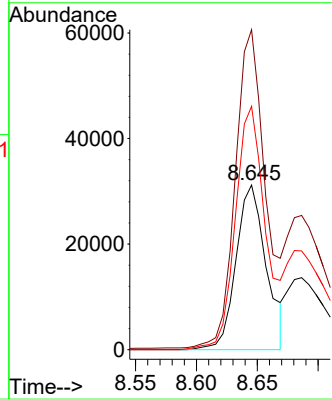
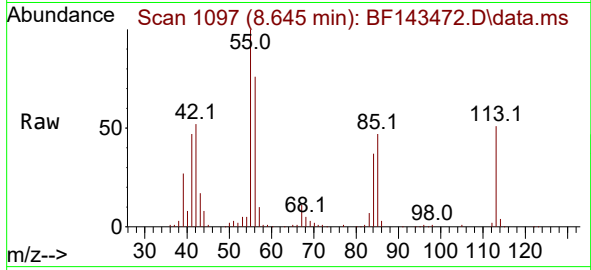


#35
 Caprolactam
 Concen: 25.421 ng
 RT: 8.645 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument : BNA_F
 ClientSampleId : VNJ-210MSD

Tgt Ion:113 Resp: 53756

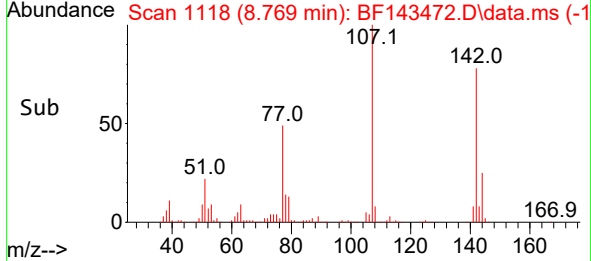
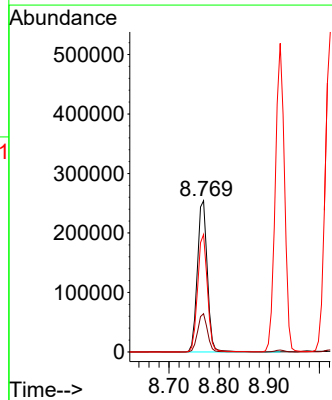
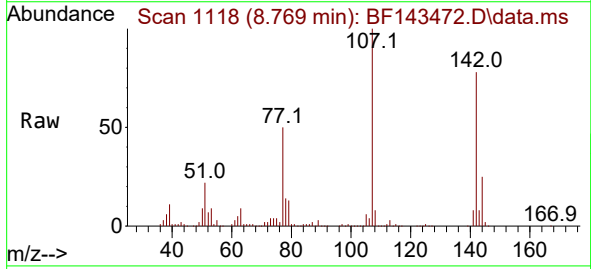
Ion	Ratio	Lower	Upper
113	100		
55	194.4	174.7	214.7
56	147.8	127.0	167.0

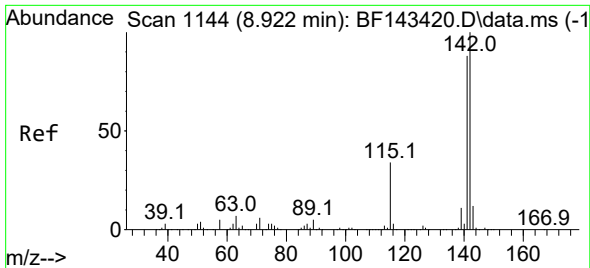


#36
 4-Chloro-3-methylphenol
 Concen: 46.326 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:107 Resp: 350429

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.2	30.2
142	77.7	62.0	93.0

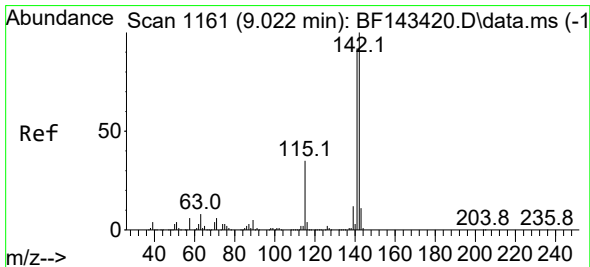
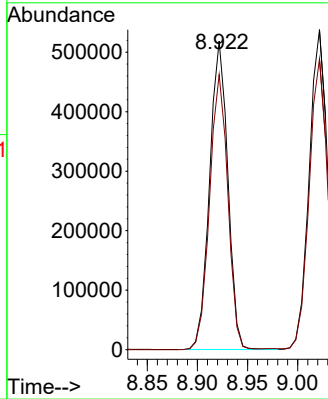
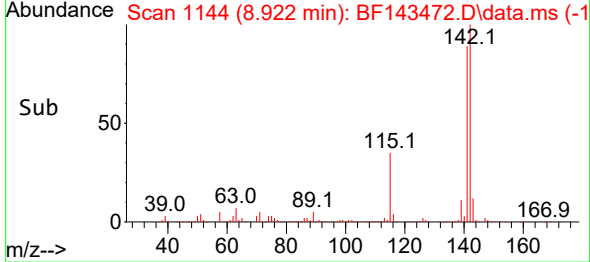
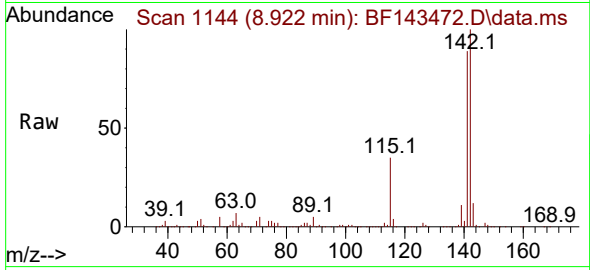




#37
 2-Methylnaphthalene
 Concen: 39.293 ng
 RT: 8.922 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

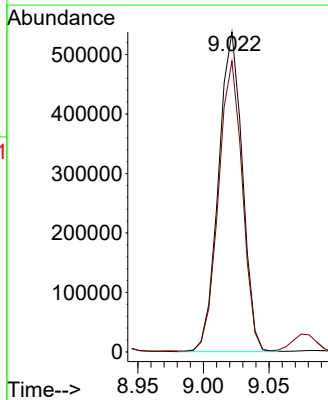
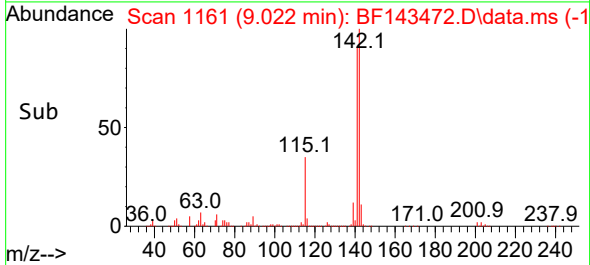
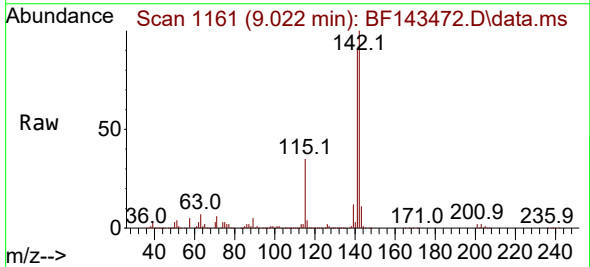
Instrument : BNA_F
 Client Sample Id : VNJ-210MSD

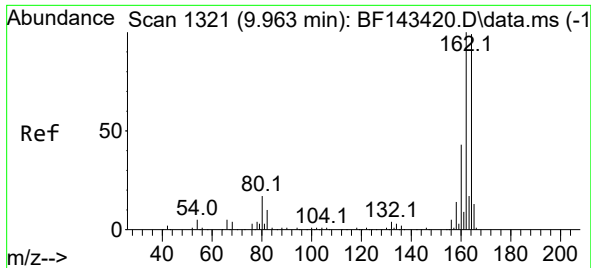
Tgt Ion:142 Resp: 656236
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5



#38
 1-Methylnaphthalene
 Concen: 42.409 ng
 RT: 9.022 min Scan# 1161
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:142 Resp: 678600
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.8 110.6



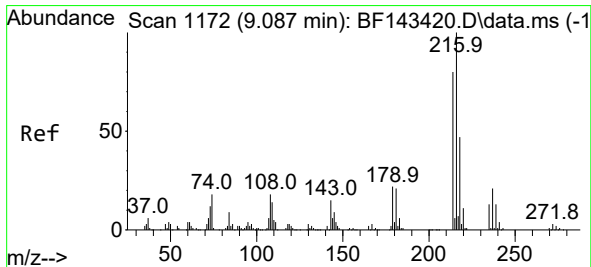
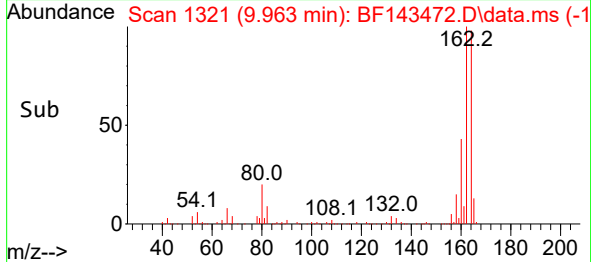
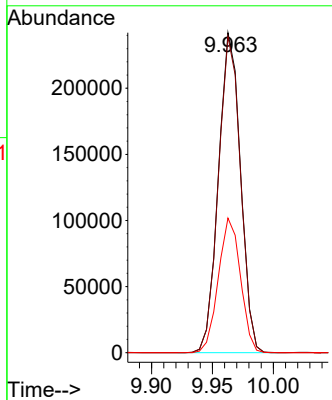
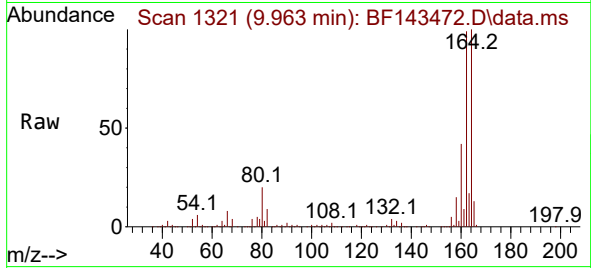


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:164 Resp: 305731

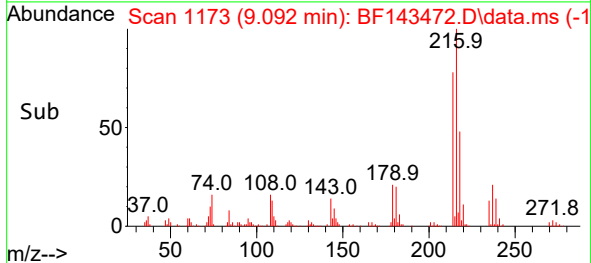
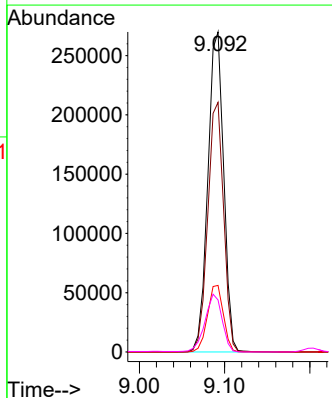
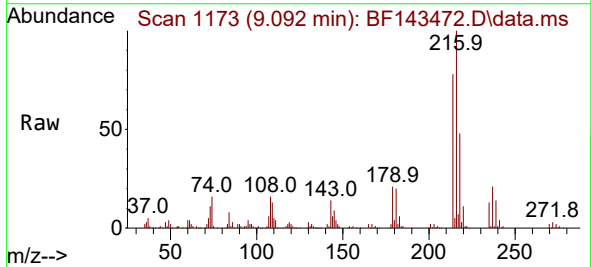
Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	121.0
160	42.1	34.6	51.8

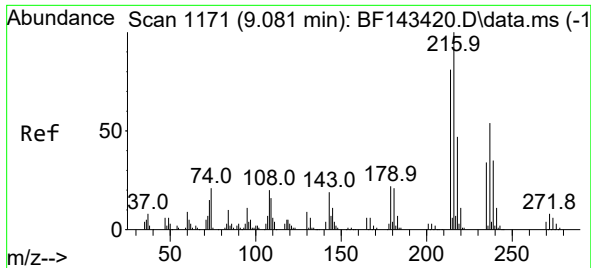


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.807 ng
 RT: 9.092 min Scan# 1173
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:216 Resp: 347939

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.7	95.5
179	21.0	17.0	25.4
108	19.6	14.3	21.5



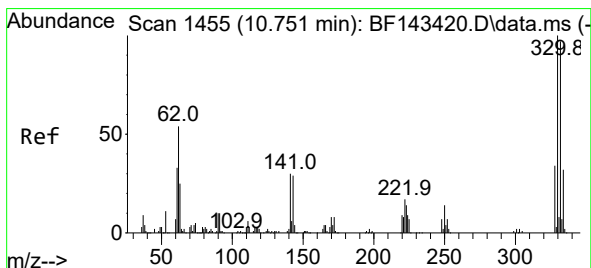
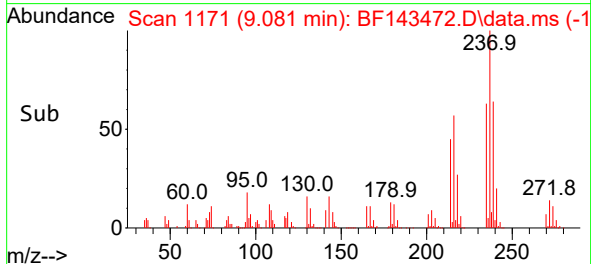
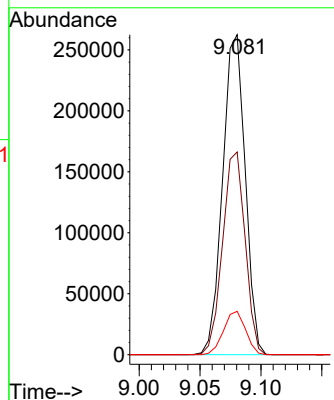
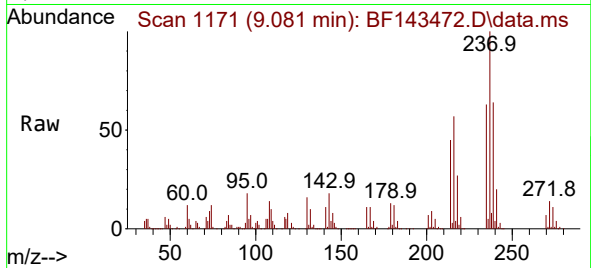


#41
 Hexachlorocyclopentadiene
 Concen: 106.649 ng
 RT: 9.081 min Scan# 1171
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:237 Resp: 339079

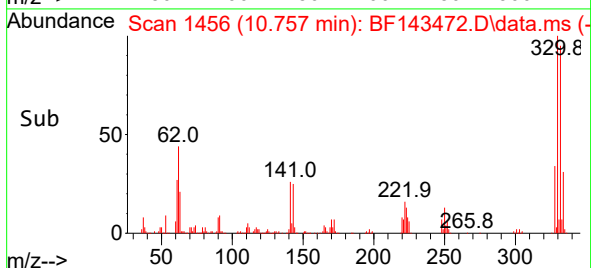
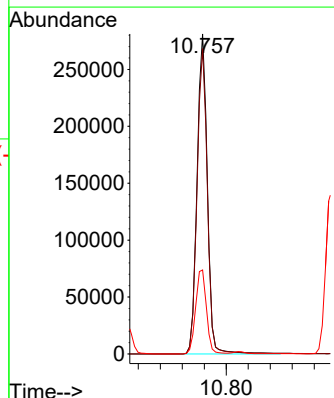
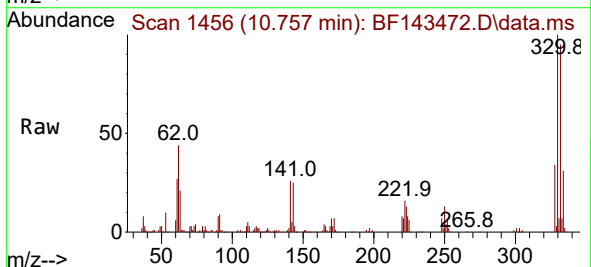
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.6	81.6
272	13.6	0.0	33.8

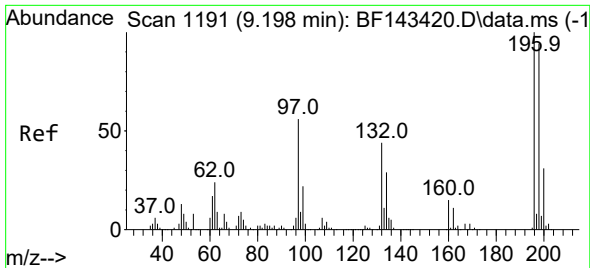


#42
 2,4,6-Tribromophenol
 Concen: 134.513 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:330 Resp: 366041

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	27.5	24.1	36.1

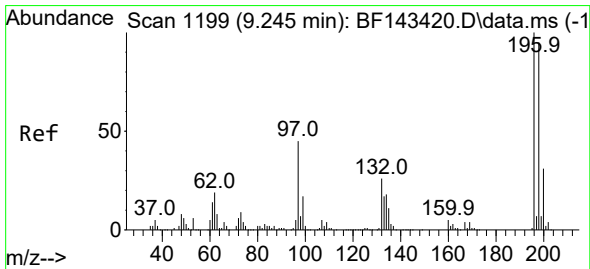
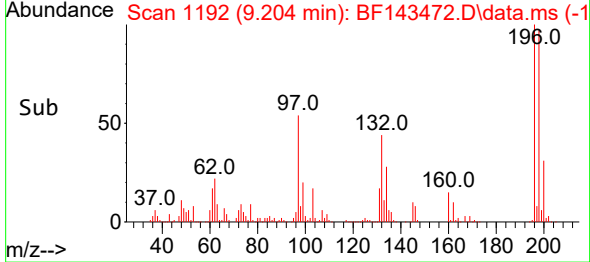
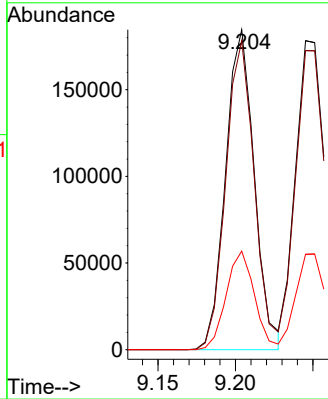
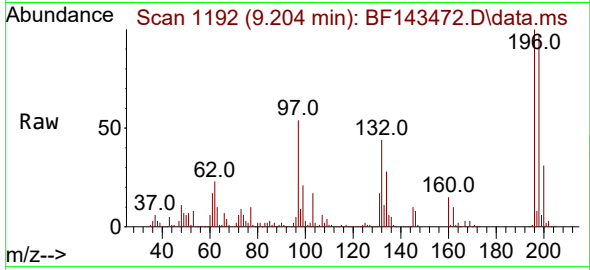




#43
 2,4,6-Trichlorophenol
 Concen: 44.723 ng
 RT: 9.204 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

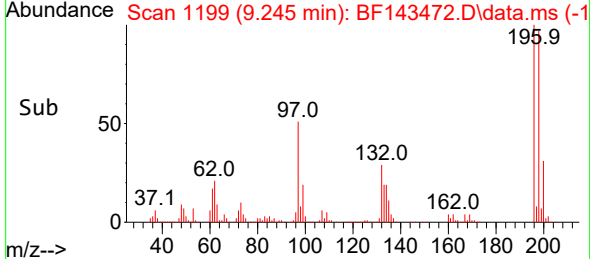
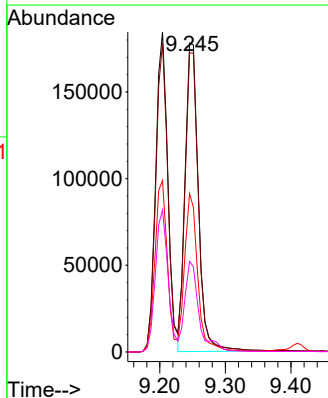
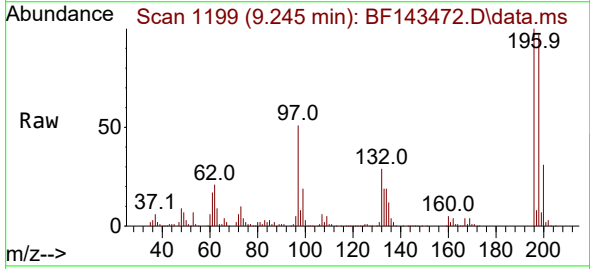
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

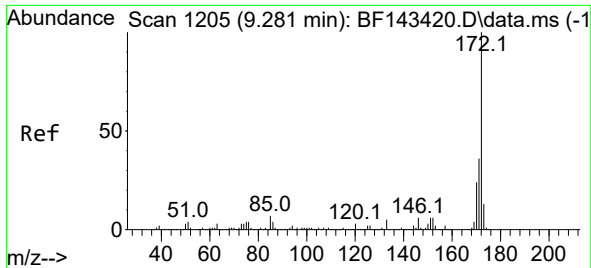
Tgt Ion:196 Resp: 237873
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.4 113.2
 200 30.8 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.103 ng
 RT: 9.245 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:196 Resp: 251448
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.4
 97 51.3 36.6 55.0
 132 29.3 21.5 32.3

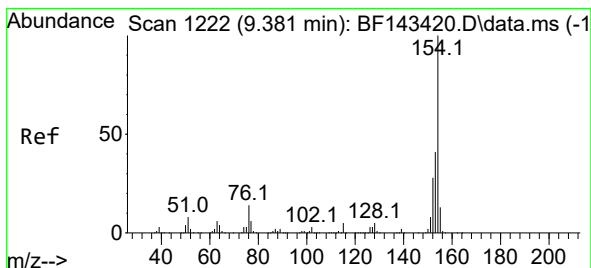
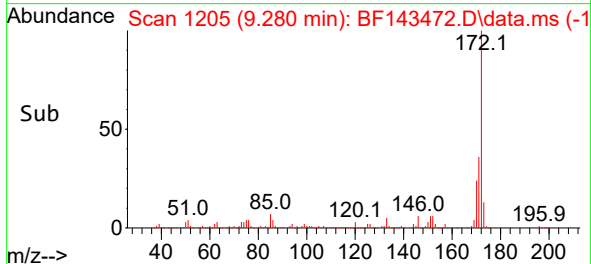
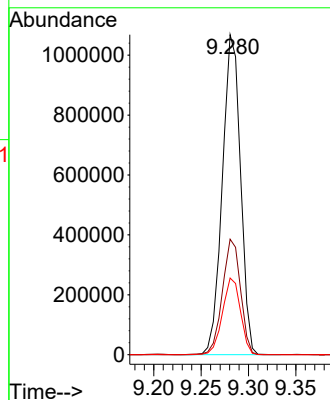
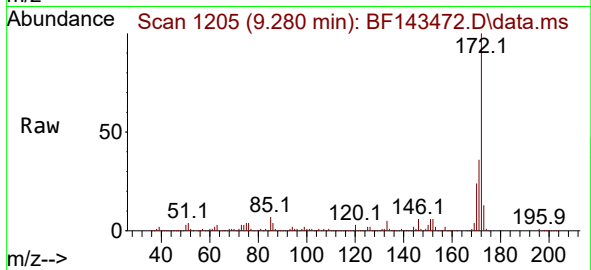




#45
 2-Fluorobiphenyl
 Concen: 78.592 ng
 RT: 9.280 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

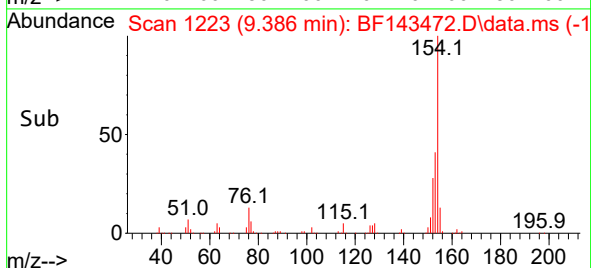
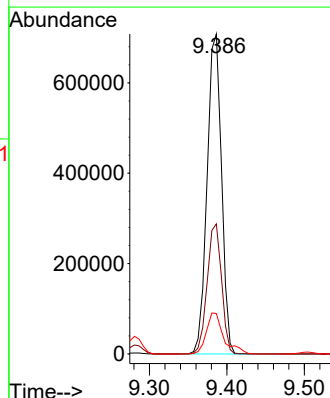
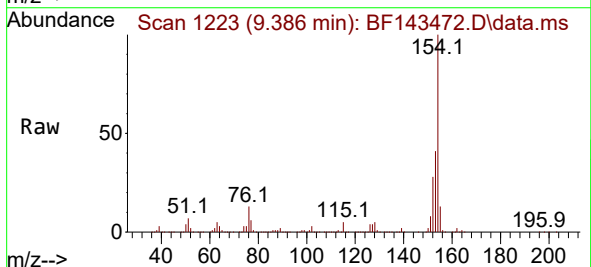
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

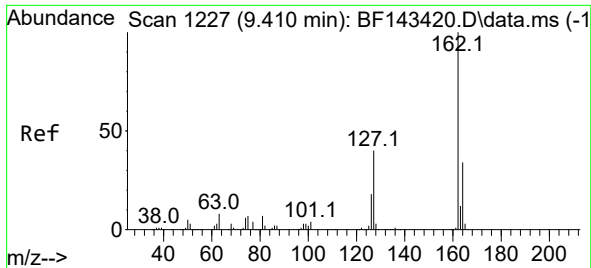
Tgt Ion:172 Resp: 1428543
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.7 43.1
 170 23.9 19.0 28.6



#46
 1,1'-Biphenyl
 Concen: 42.519 ng
 RT: 9.386 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:154 Resp: 913357
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 12.6 0.0 33.8





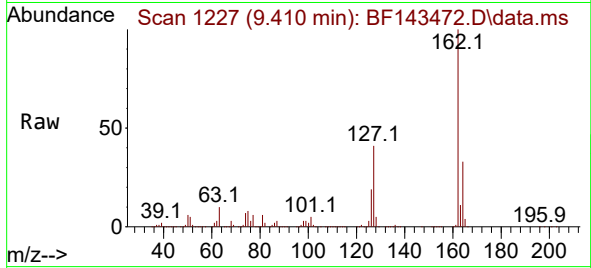
#47
 2-Chloronaphthalene
 Concen: 41.528 ng
 RT: 9.410 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

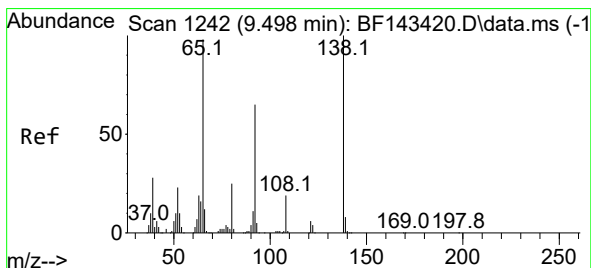
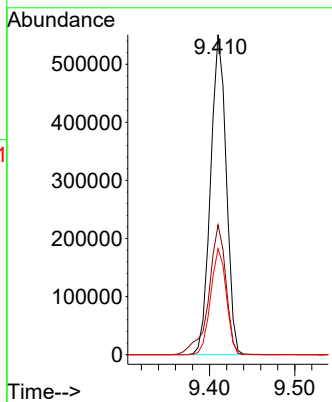
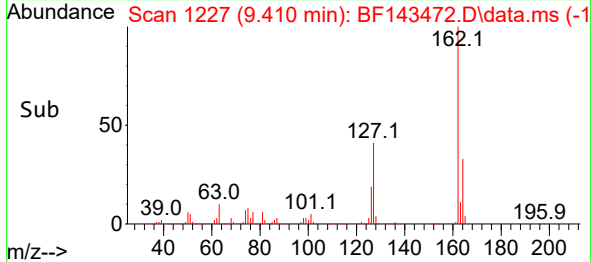
BNA_F

ClientSampleId :

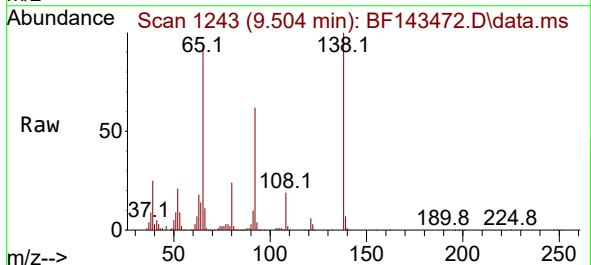
VNJ-210MSD



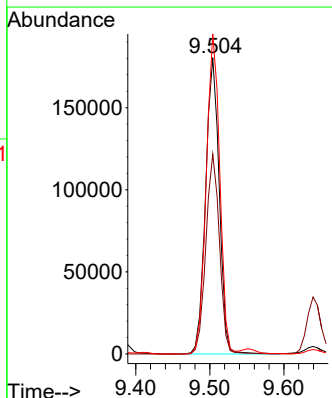
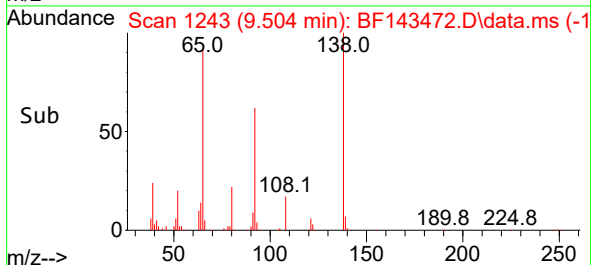
Tgt Ion:162 Resp: 704159
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.3 48.5
 164 33.2 26.9 40.3

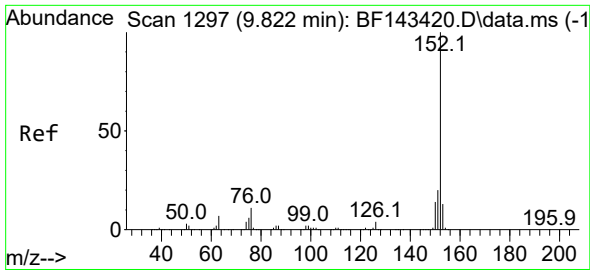


#48
 2-Nitroaniline
 Concen: 45.734 ng
 RT: 9.504 min Scan# 1243
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



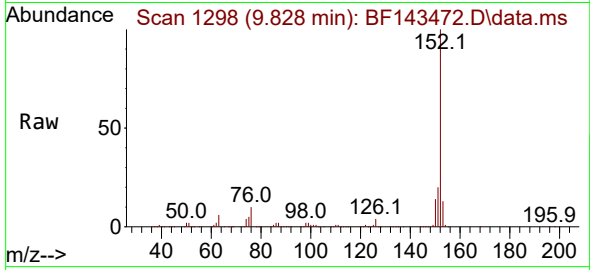
Tgt Ion: 65 Resp: 230773
 Ion Ratio Lower Upper
 65 100
 92 67.5 52.9 79.3
 138 108.0 81.3 121.9



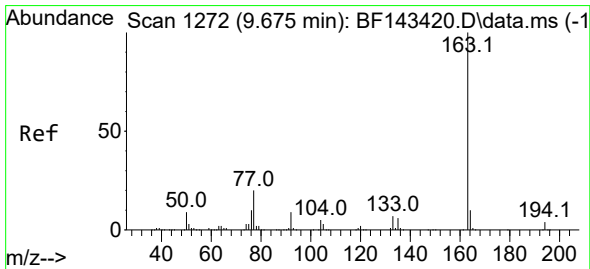
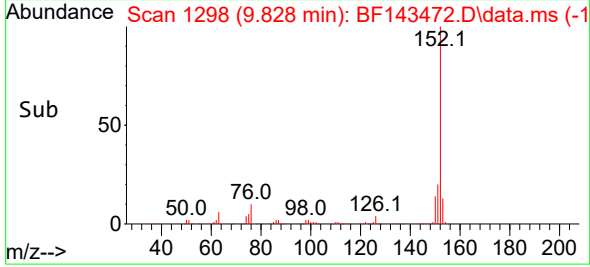
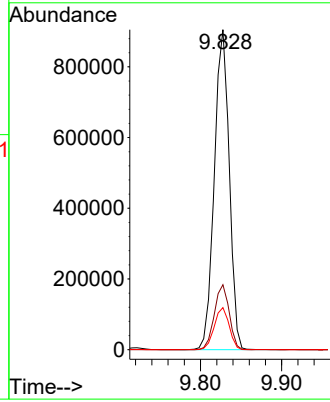


#49
 Acenaphthylene
 Concen: 47.162 ng
 RT: 9.828 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

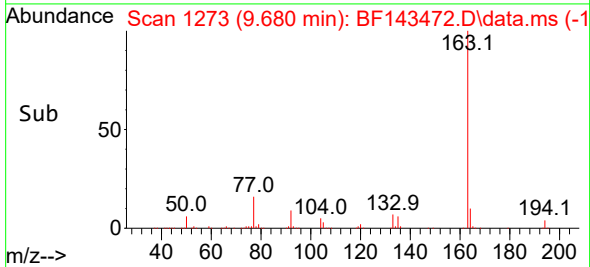
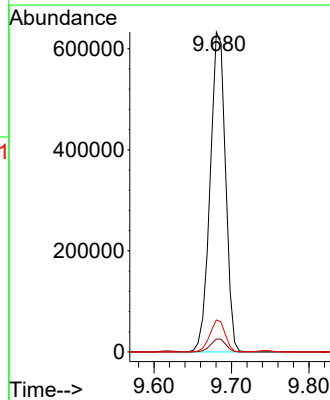
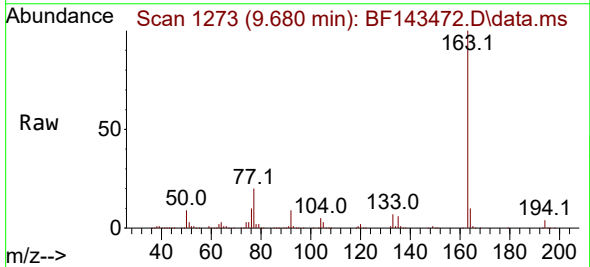


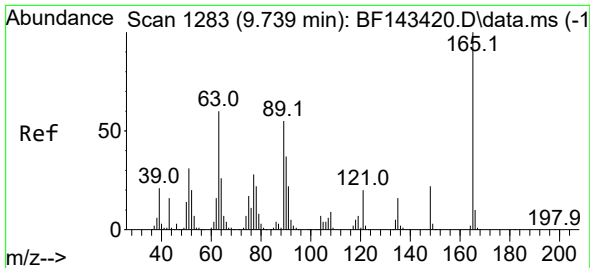
Tgt Ion:152 Resp: 1154620
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.0 24.0
 153 13.1 10.8 16.2



#50
 Dimethylphthalate
 Concen: 45.734 ng
 RT: 9.680 min Scan# 1273
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:163 Resp: 871727
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.0 8.2 12.4



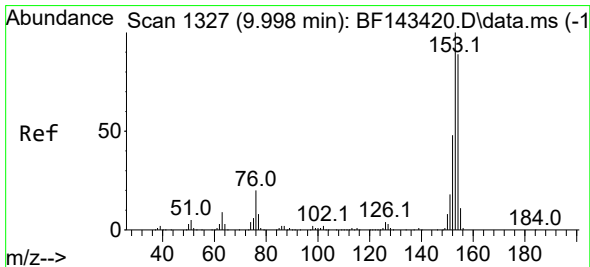
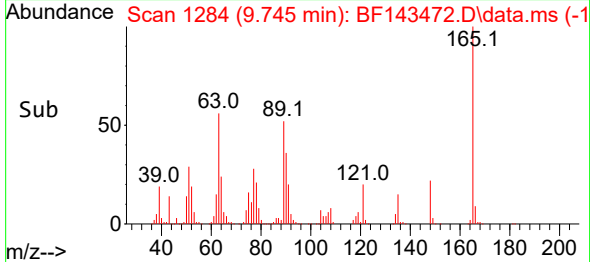
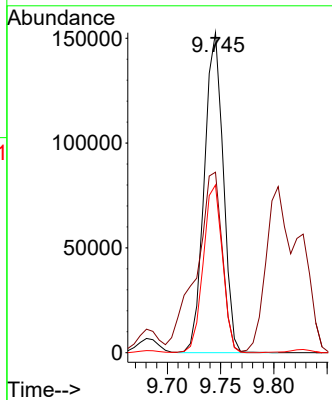
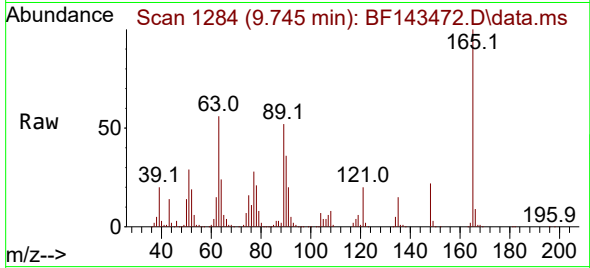


#51
 2,6-Dinitrotoluene
 Concen: 50.218 ng
 RT: 9.745 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:165 Resp: 188694

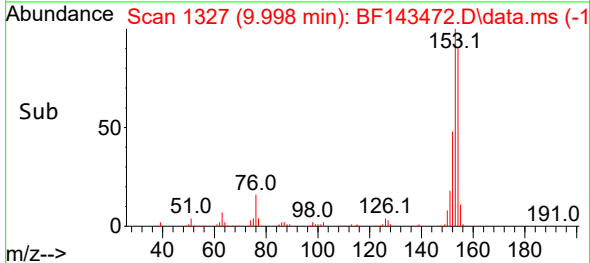
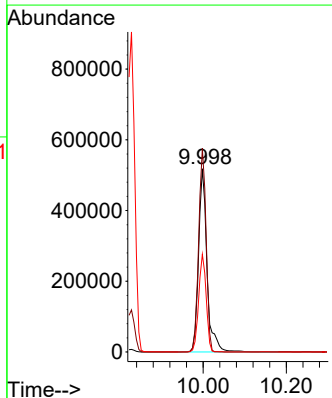
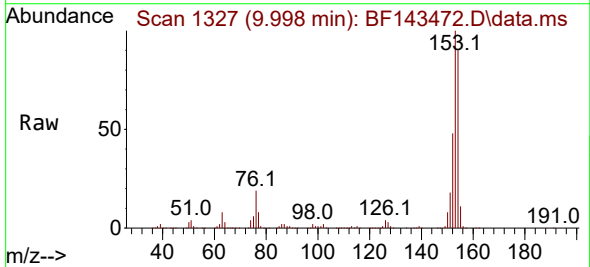
Ion	Ratio	Lower	Upper
165	100		
63	56.4	48.2	72.2
89	52.4	44.2	66.2

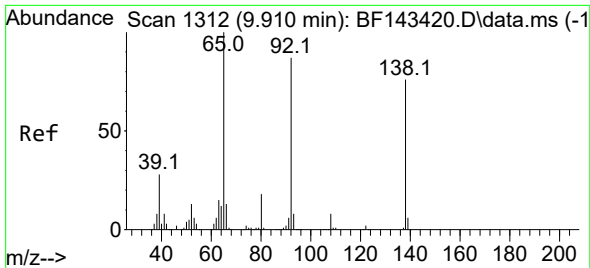


#52
 Acenaphthene
 Concen: 44.596 ng
 RT: 9.998 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:154 Resp: 734326

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.5	134.3
152	53.3	42.6	64.0





#53
 3-Nitroaniline
 Concen: 29.352 ng
 RT: 9.916 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

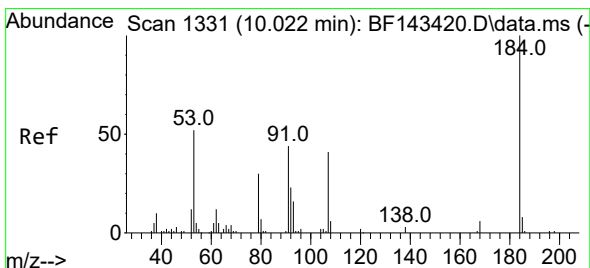
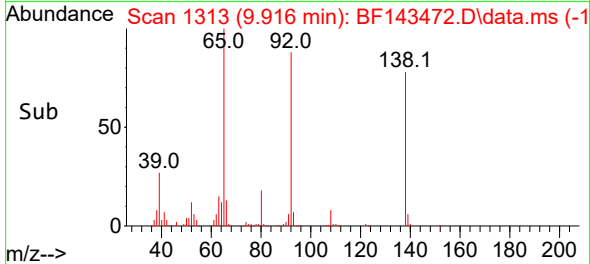
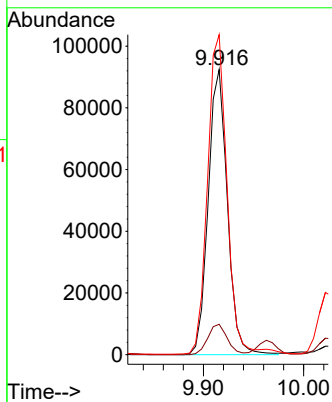
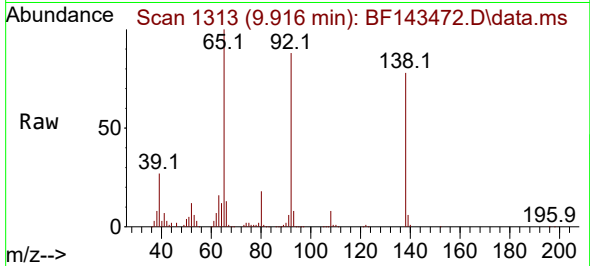
Instrument :

BNA_F

ClientSampleId :

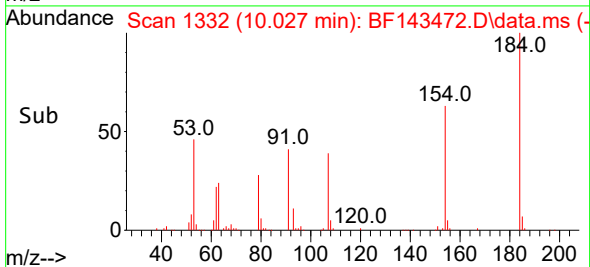
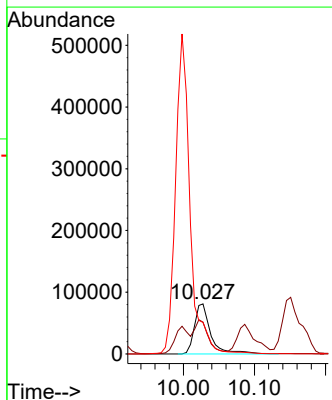
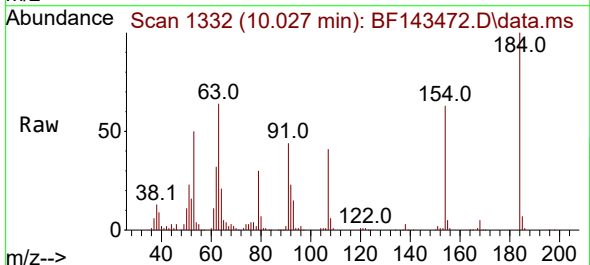
VNJ-210MSD

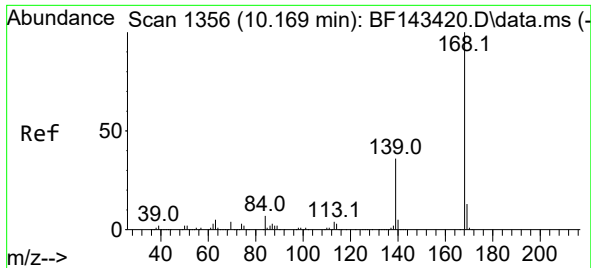
Tgt Ion:138 Resp: 122855
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.7 13.1
 92 112.2 91.4 137.2



#54
 2,4-Dinitrophenol
 Concen: 74.899 ng
 RT: 10.027 min Scan# 1332
 Delta R.T. 0.005 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

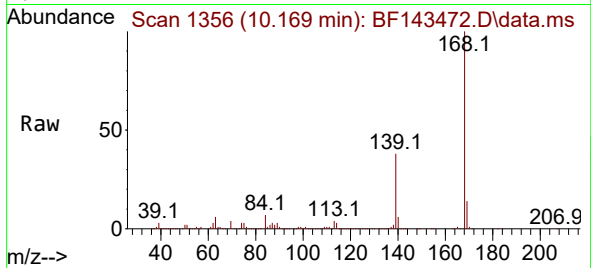
Tgt Ion:184 Resp: 130145
 Ion Ratio Lower Upper
 184 100
 63 63.7 53.2 79.8
 154 63.1 51.3 76.9



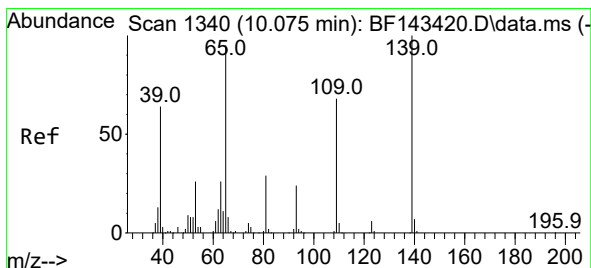
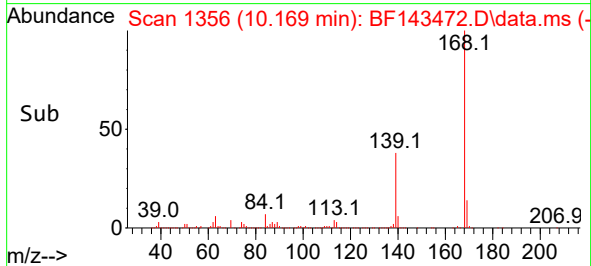
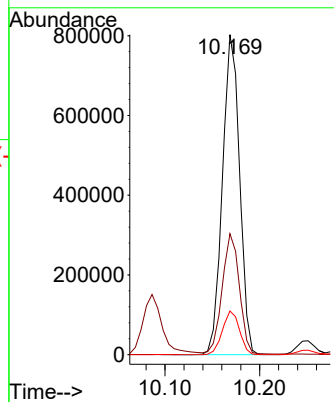


#55
 Dibenzofuran
 Concen: 42.602 ng
 RT: 10.169 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

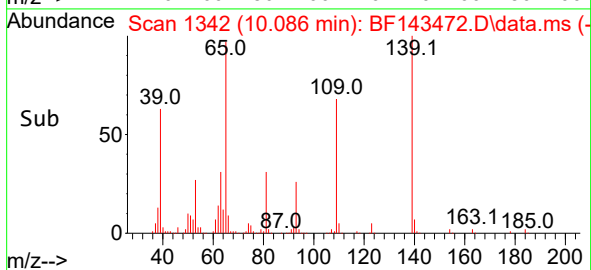
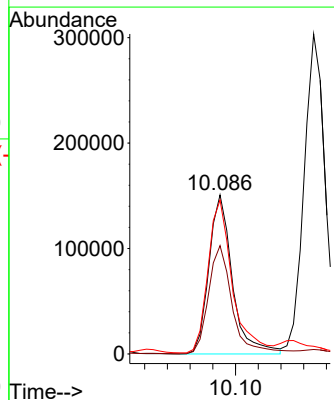
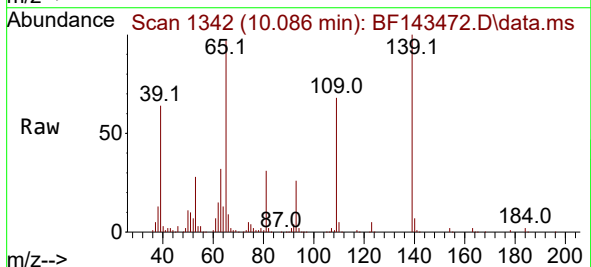


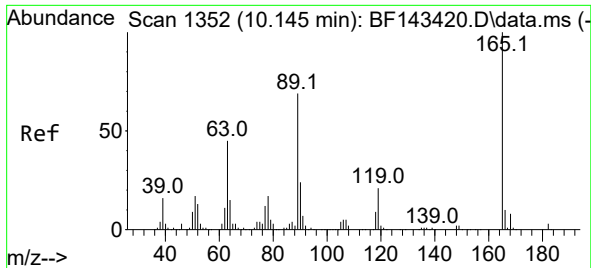
Tgt Ion:168 Resp: 1011942
 Ion Ratio Lower Upper
 168 100
 139 37.8 29.3 43.9
 169 13.7 10.8 16.2



#56
 4-Nitrophenol
 Concen: 82.550 ng
 RT: 10.086 min Scan# 1342
 Delta R.T. 0.012 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:139 Resp: 217228
 Ion Ratio Lower Upper
 139 100
 109 68.1 47.7 87.7
 65 96.8 76.4 116.4





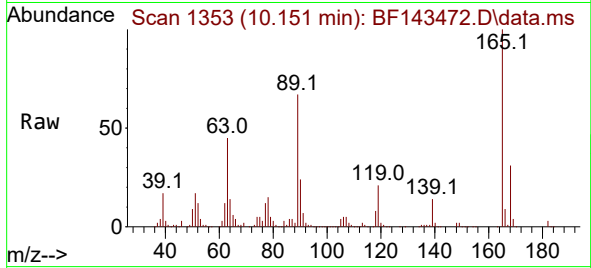
#57
 2,4-Dinitrotoluene
 Concen: 51.399 ng
 RT: 10.151 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

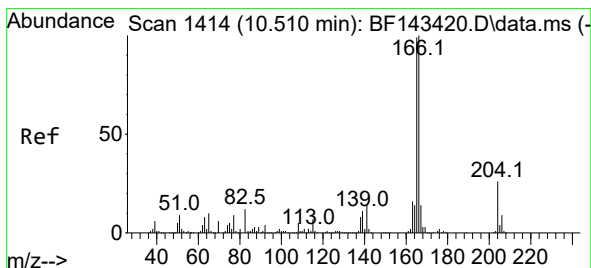
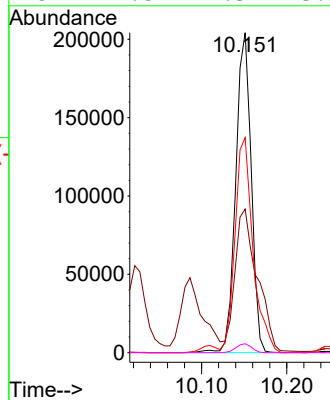
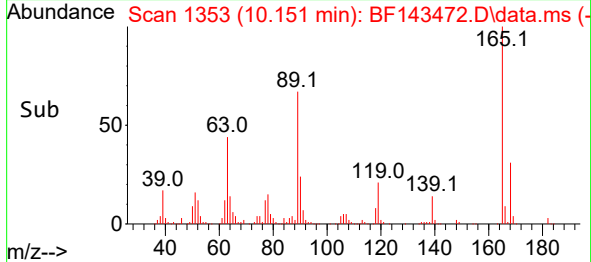
BNA_F

ClientSampleId :

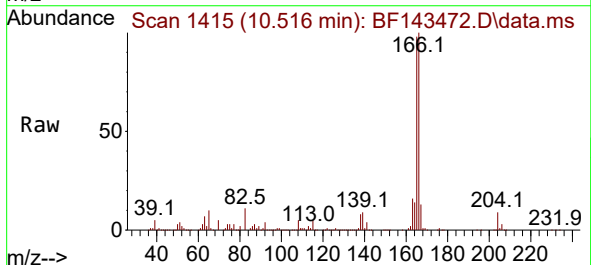
VNJ-210MSD



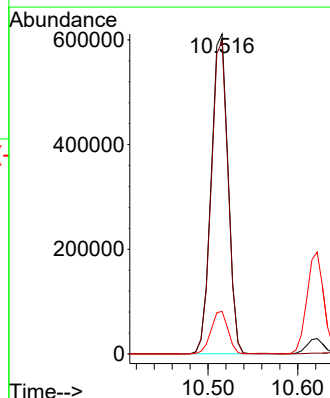
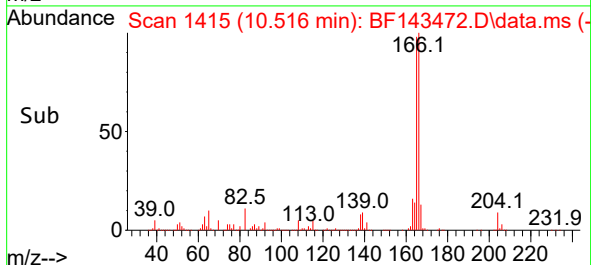
Tgt Ion:165 Resp: 257492
 Ion Ratio Lower Upper
 165 100
 63 44.9 37.0 55.6
 89 67.2 55.4 83.0
 182 2.8 2.3 3.5

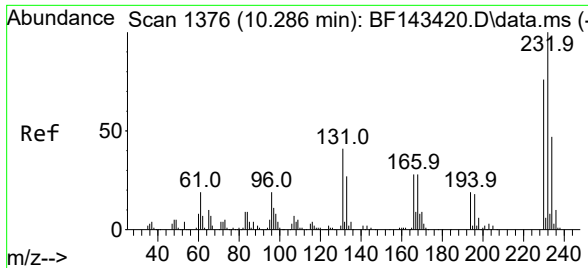


#58
 Fluorene
 Concen: 43.572 ng
 RT: 10.516 min Scan# 1415
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion:166 Resp: 795119
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.0 118.6
 167 13.3 10.9 16.3



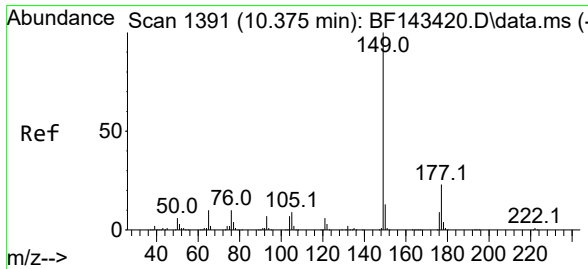
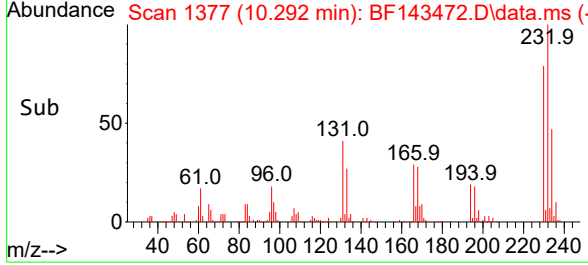
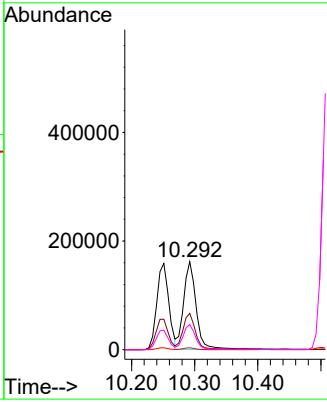
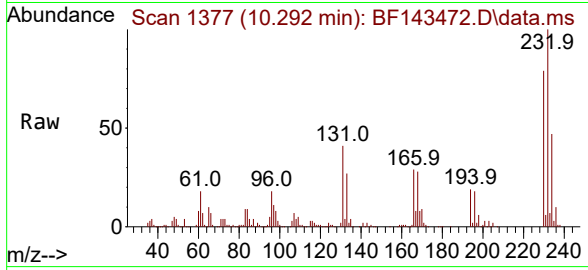


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.659 ng
 RT: 10.292 min Scan# 1377
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument : BNA_F
 ClientSampleId : VNJ-210MSD

Tgt Ion:232 Resp: 222951

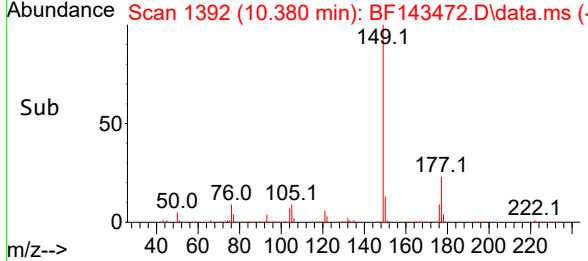
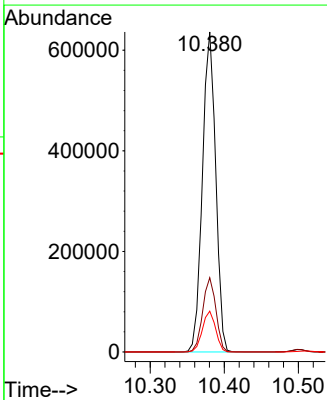
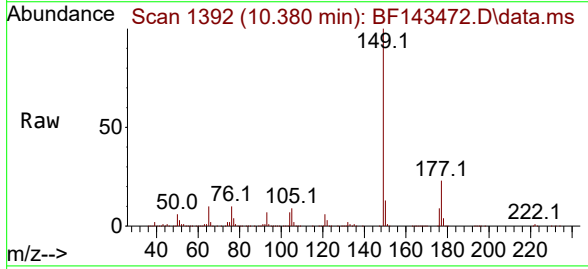
Ion	Ratio	Lower	Upper
232	100		
131	41.4	32.0	48.0
130	2.1	1.7	2.5
166	27.4	21.7	32.5

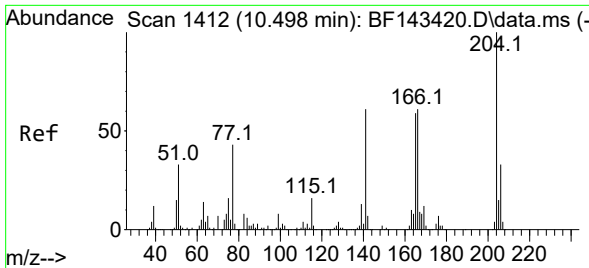


#60
 Diethylphthalate
 Concen: 45.077 ng
 RT: 10.380 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:149 Resp: 793996

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.4
150	12.8	10.1	15.1



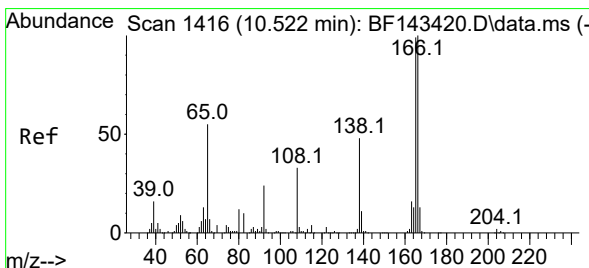
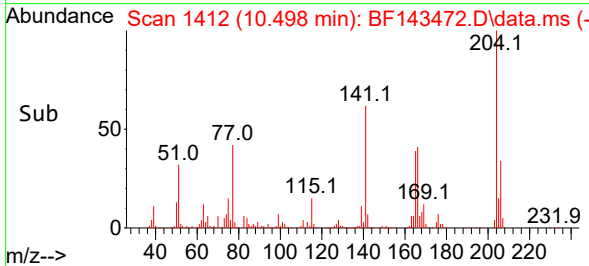
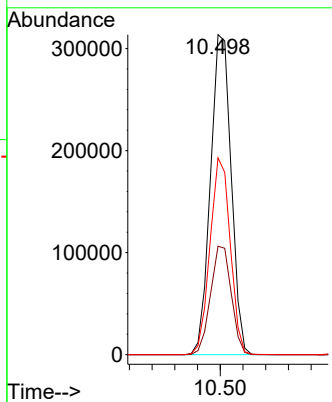
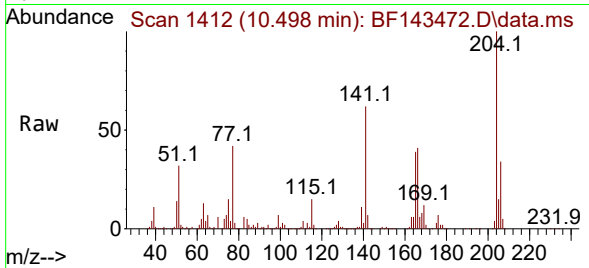


#61
 4-Chlorophenyl-phenylether
 Concen: 43.997 ng
 RT: 10.498 min Scan# 1412
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion: 204 Resp: 396943

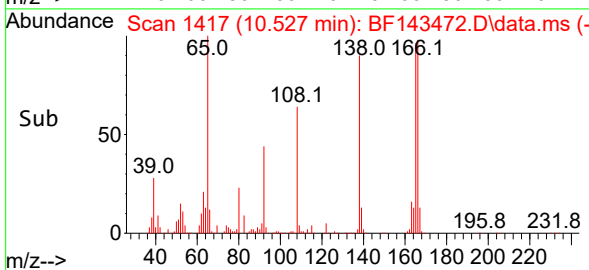
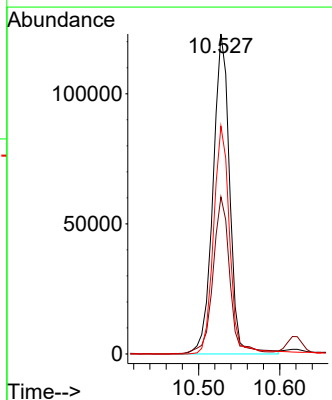
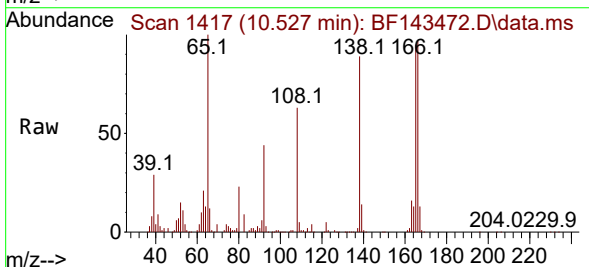
Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	61.5	49.0	73.4

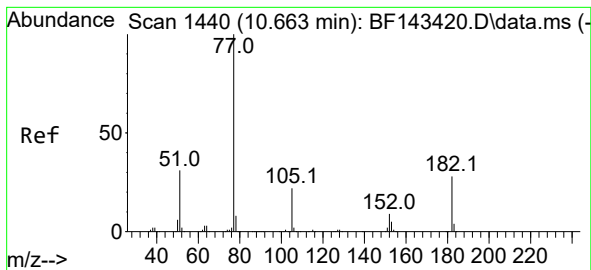


#62
 4-Nitroaniline
 Concen: 44.978 ng
 RT: 10.527 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 138 Resp: 176059

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.4	69.4
108	71.2	48.6	88.6





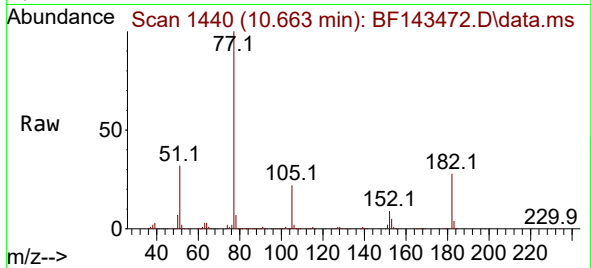
#63
 Azobenzene
 Concen: 44.475 ng
 RT: 10.663 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :

BNA_F

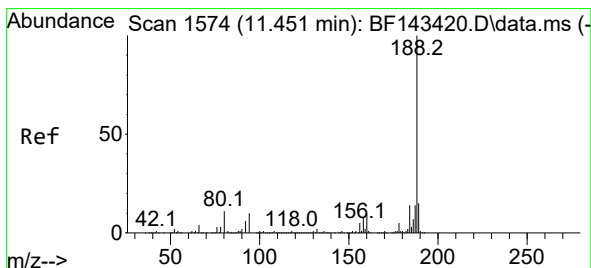
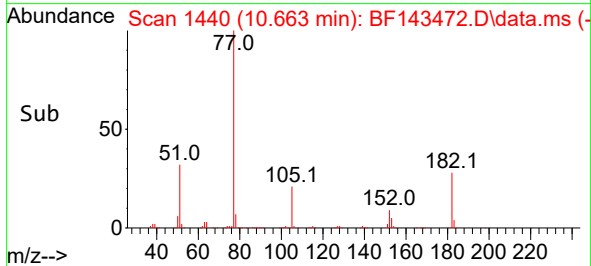
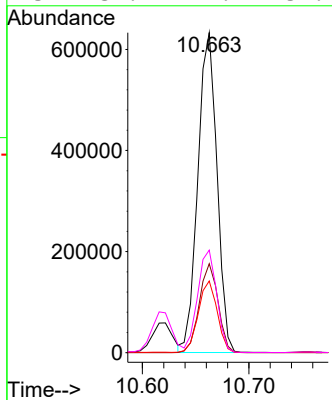
ClientSampleId :

VNJ-210MSD



Tgt Ion: 77 Resp: 791777

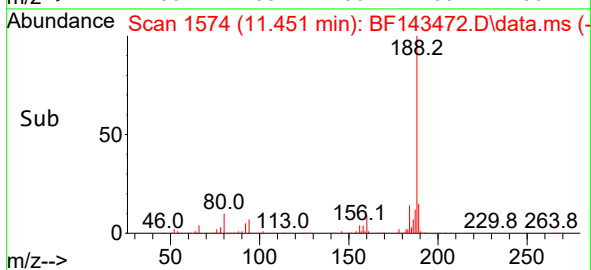
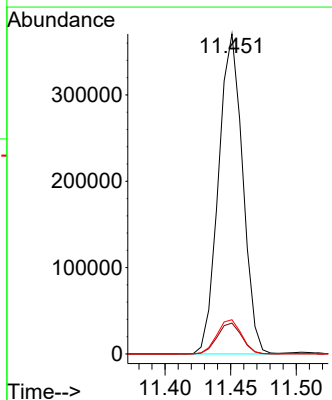
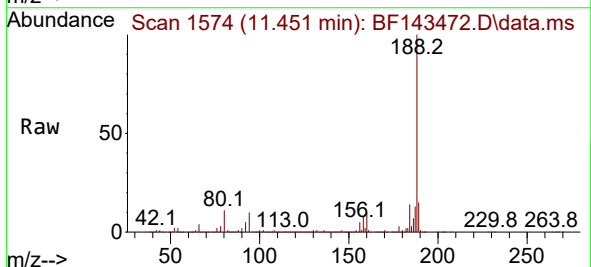
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.4	47.4
105	22.4	1.7	41.7
51	32.1	12.4	52.4

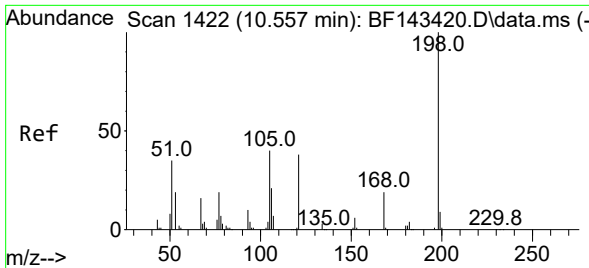


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.451 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion: 188 Resp: 474857

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.7	8.6	12.8



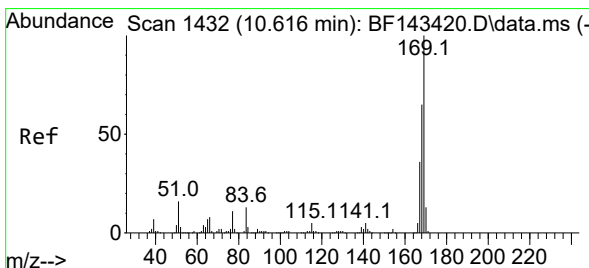
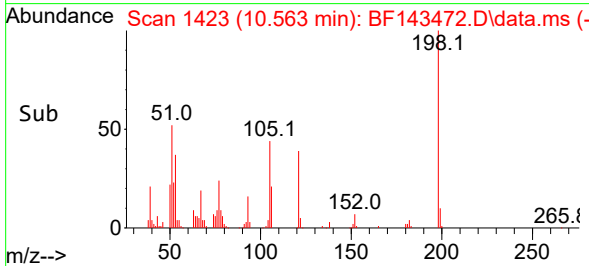
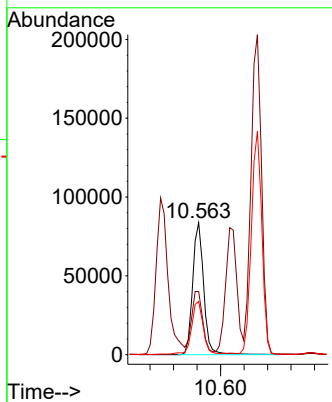
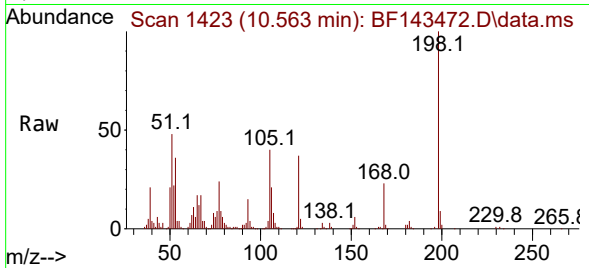


#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.600 ng
 RT: 10.563 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:198 Resp: 109275

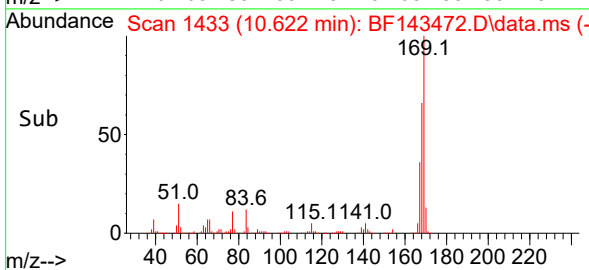
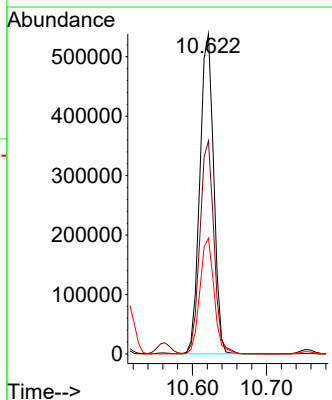
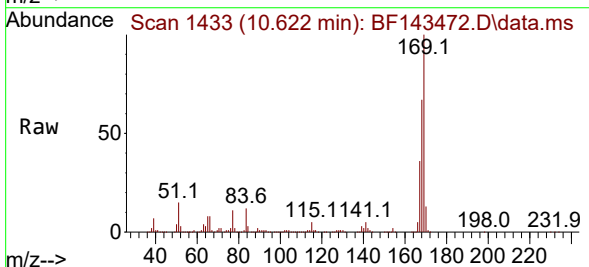
Ion	Ratio	Lower	Upper
198	100		
51	47.9	31.2	71.2
105	40.4	21.7	61.7

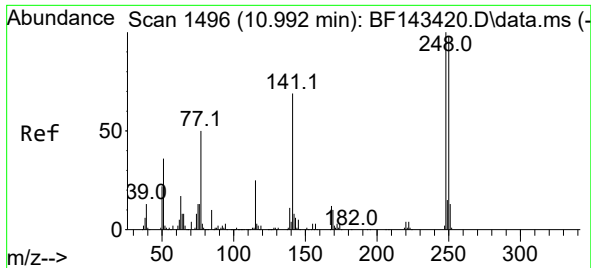


#66
 n-Nitrosodiphenylamine
 Concen: 45.065 ng
 RT: 10.622 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:169 Resp: 695816

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.5	78.7
167	36.2	28.6	42.8



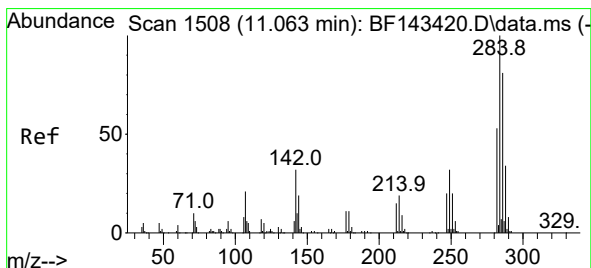
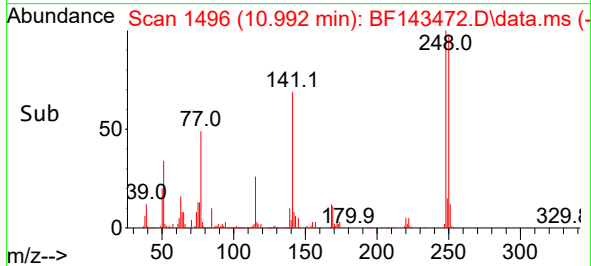
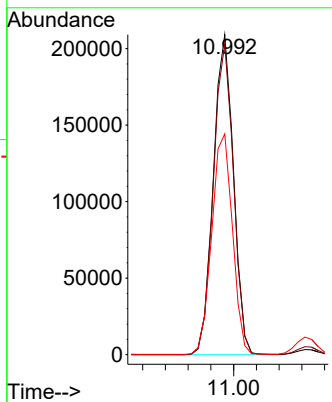
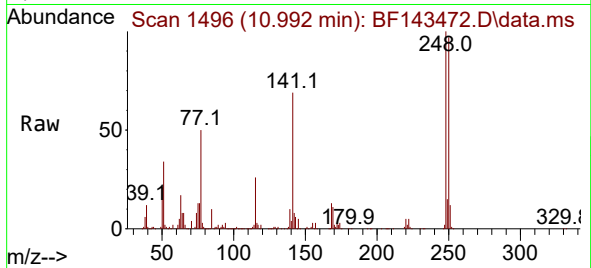


#67
 4-Bromophenyl-phenylether
 Concen: 45.906 ng
 RT: 10.992 min Scan# 1496
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:248 Resp: 257414

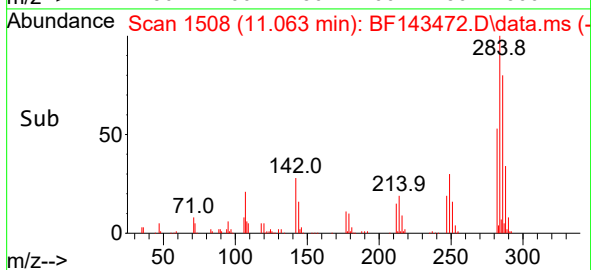
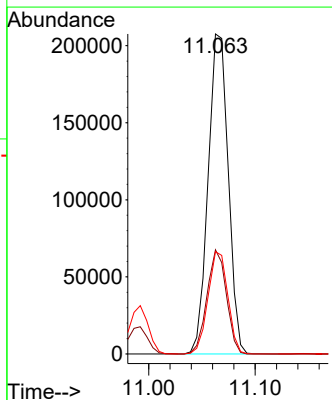
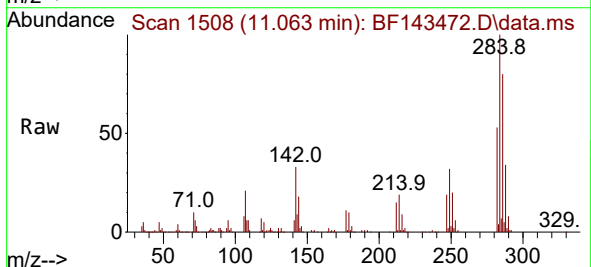
Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.6	118.0
141	69.0	54.9	82.3

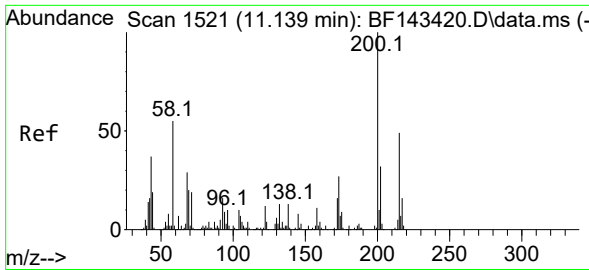


#68
 Hexachlorobenzene
 Concen: 45.697 ng
 RT: 11.063 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:284 Resp: 272414

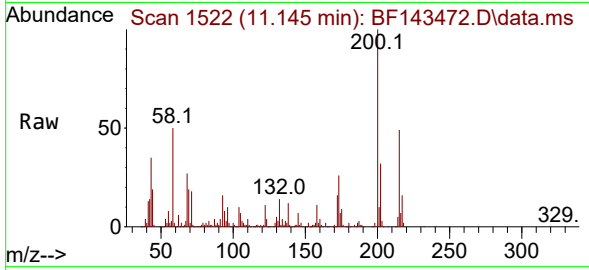
Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.4	38.2
249	32.0	25.4	38.0



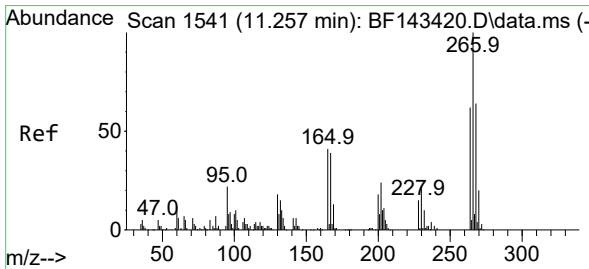
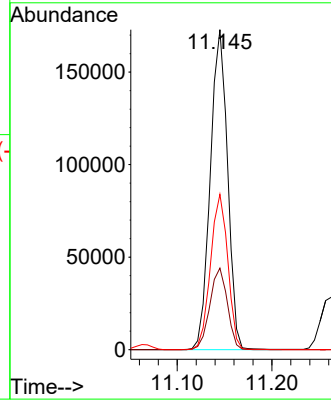
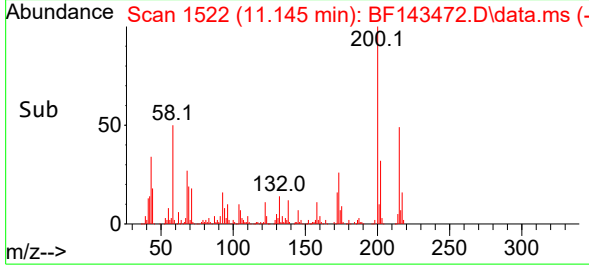


#69
 Atrazine
 Concen: 48.439 ng
 RT: 11.145 min Scan# 1522
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

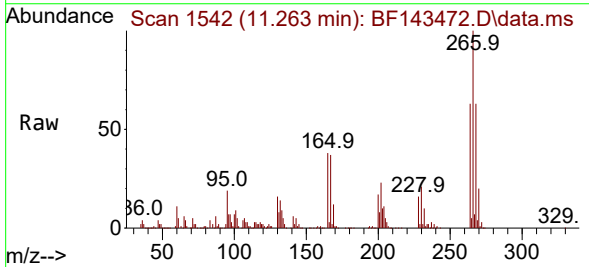
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD



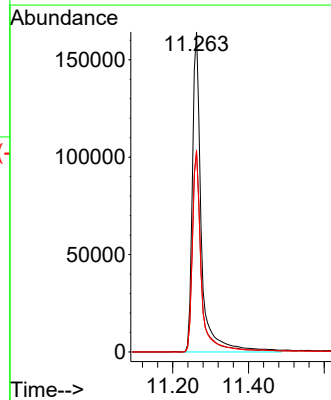
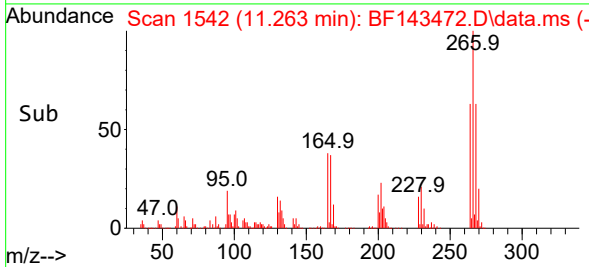
Tgt Ion:200 Resp: 218755
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.6 46.6
 215 48.6 29.5 69.5

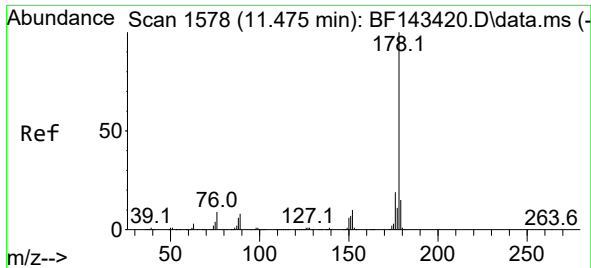


#70
 Pentachlorophenol
 Concen: 103.770 ng
 RT: 11.263 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



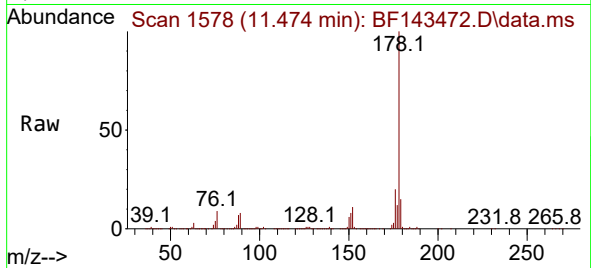
Tgt Ion:266 Resp: 272042
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 63.0 49.3 73.9



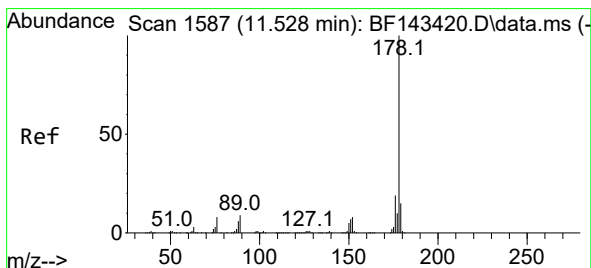
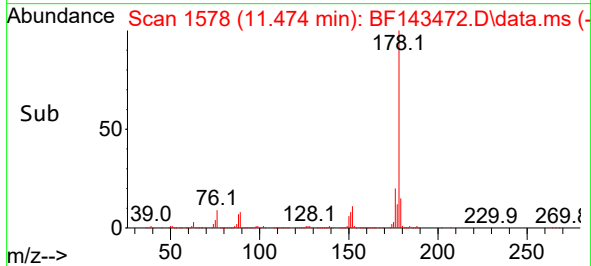
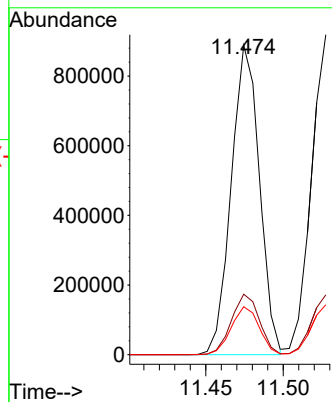


#71
 Phenanthrene
 Concen: 43.686 ng
 RT: 11.474 min Scan# 1147
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

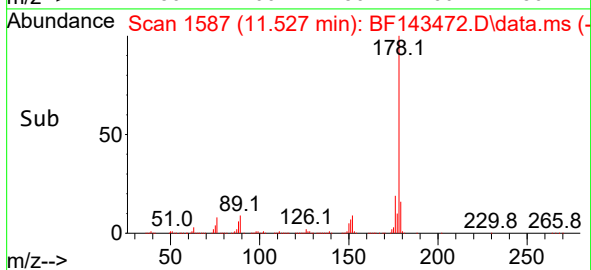
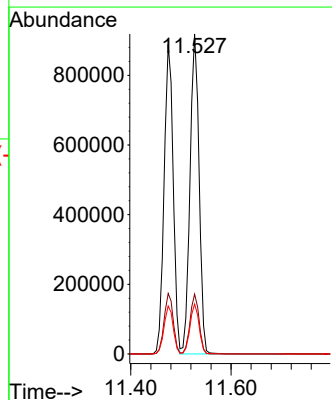
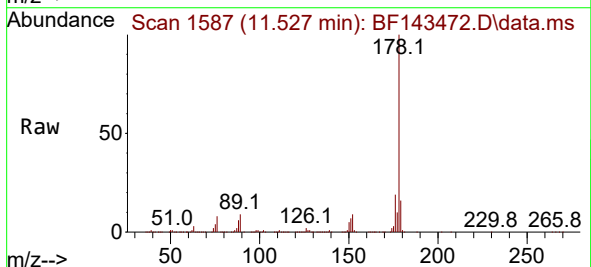


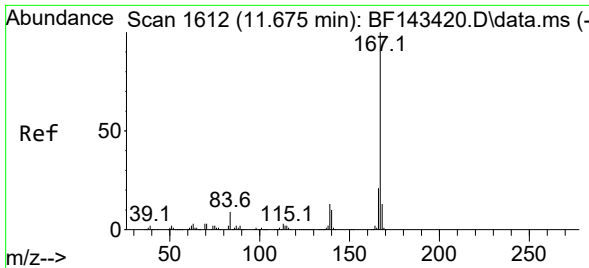
Tgt Ion:178 Resp: 1123365
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.5 12.3 18.5



#72
 Anthracene
 Concen: 44.548 ng
 RT: 11.527 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

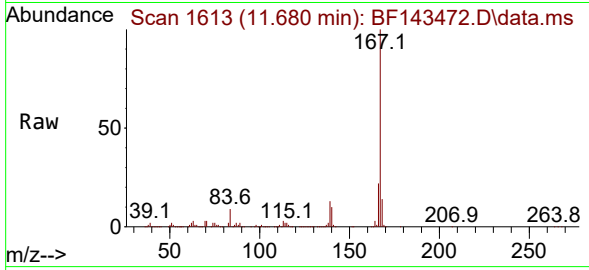
Tgt Ion:178 Resp: 1157008
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.6 12.2 18.4



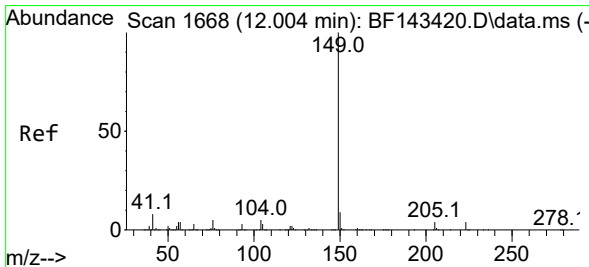
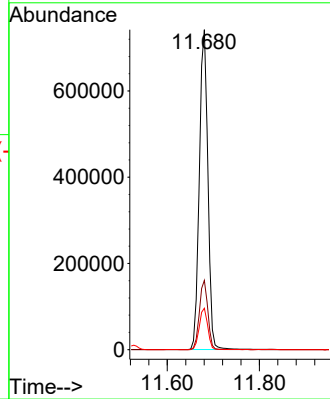
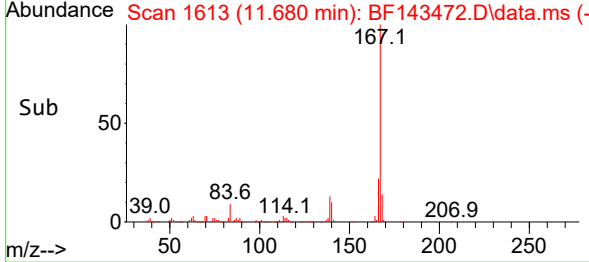


#73
 Carbazole
 Concen: 43.365 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

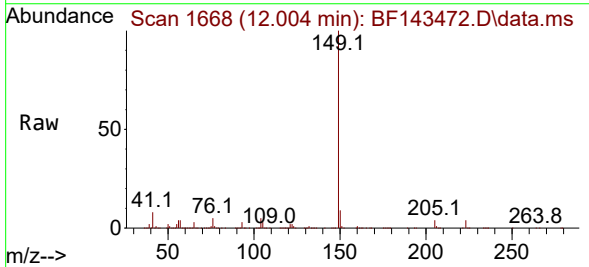
Instrument :
 BNA_F
ClientSampleId :
 VNJ-210MSD



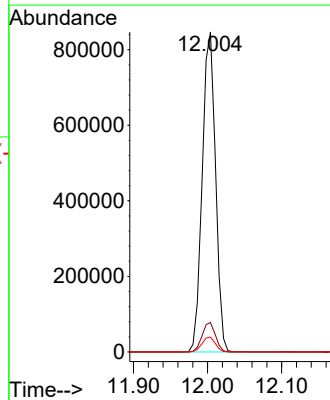
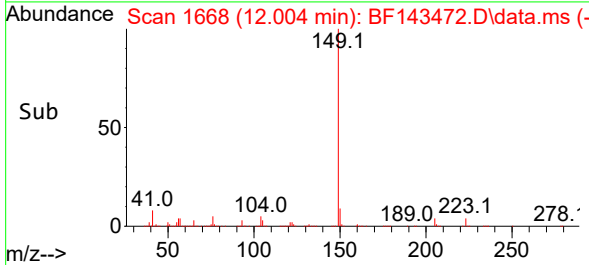
Tgt Ion:167 Resp: 952566
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.1 15.1

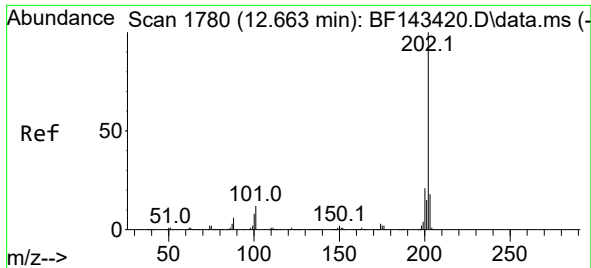


#74
 Di-n-butylphthalate
 Concen: 48.283 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



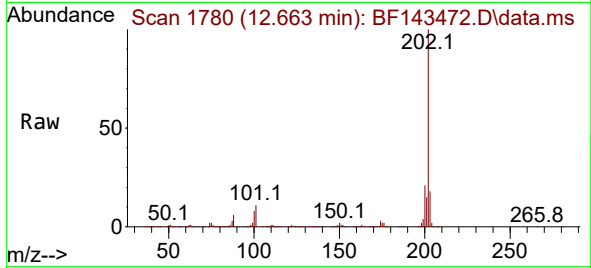
Tgt Ion:149 Resp: 1056152
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.8 5.6



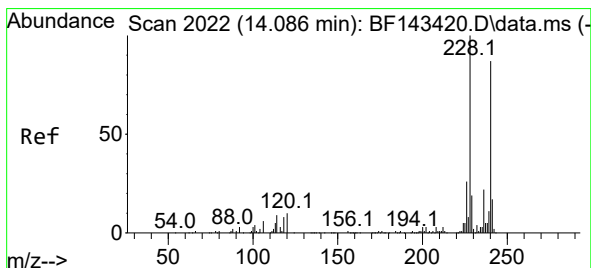
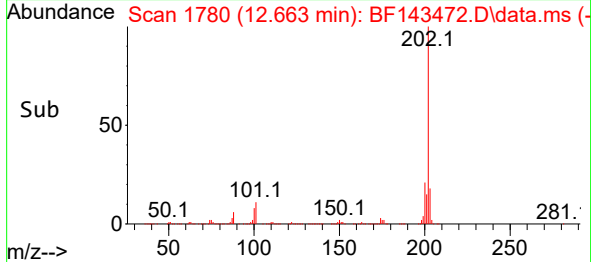
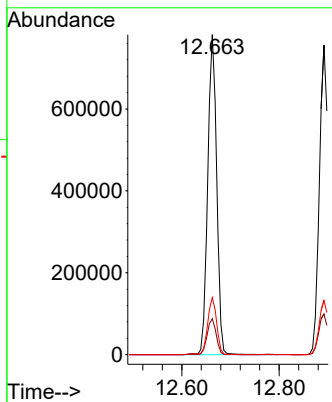


#75
 Fluoranthene
 Concen: 43.342 ng
 RT: 12.663 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

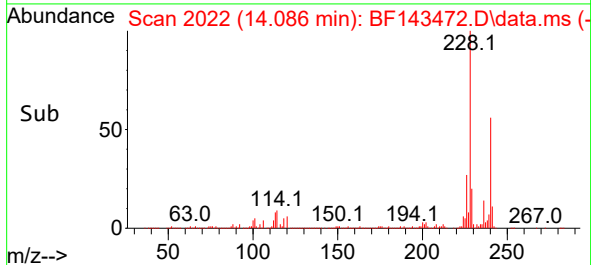
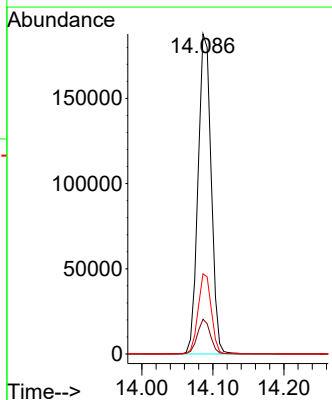
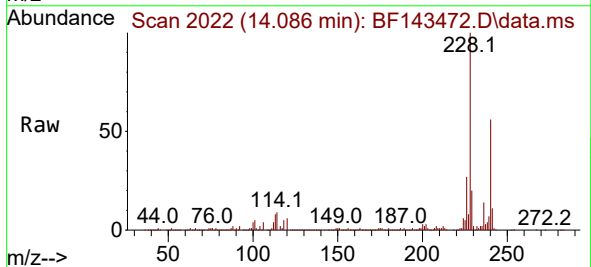


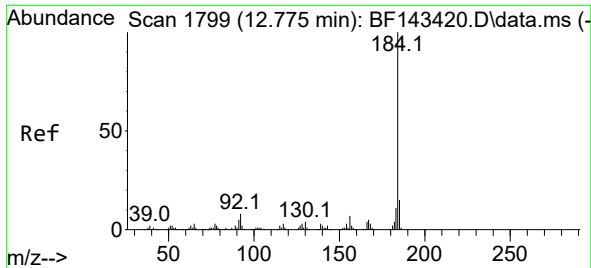
Tgt Ion:202 Resp: 990307
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.5
 203 17.9 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.086 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:240 Resp: 242123
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.4
 236 25.0 20.2 30.2

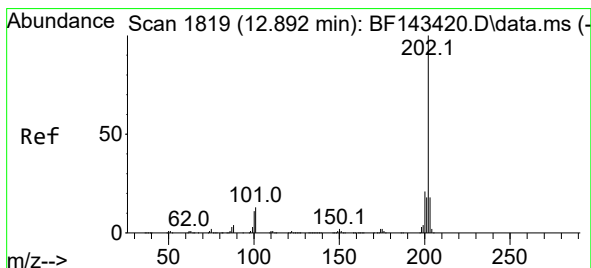
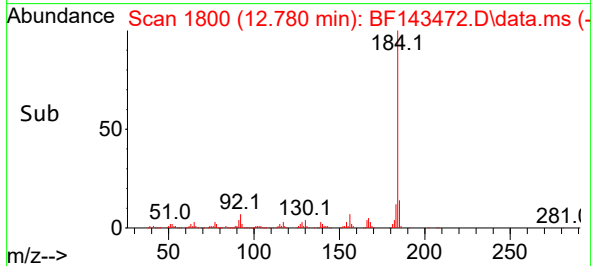
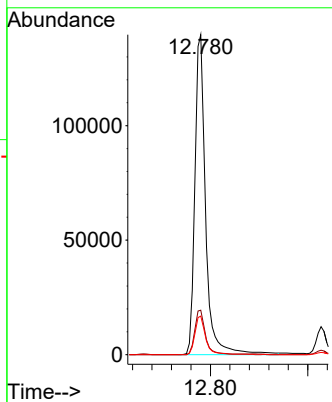
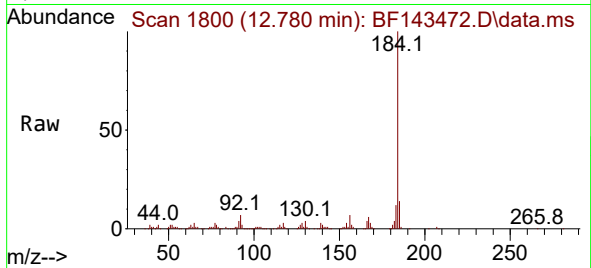




#77
 Benzidine
 Concen: 29.882 ng
 RT: 12.780 min Scan# 1800
 Delta R.T. 0.005 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

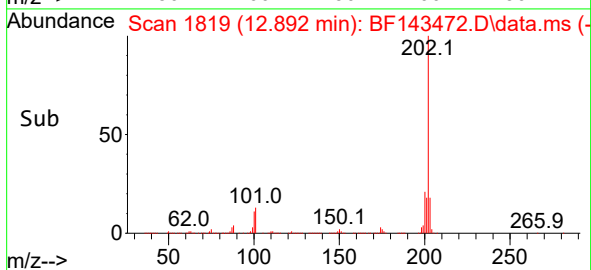
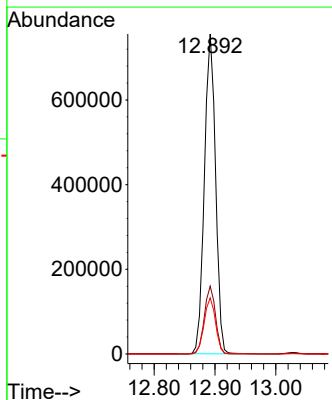
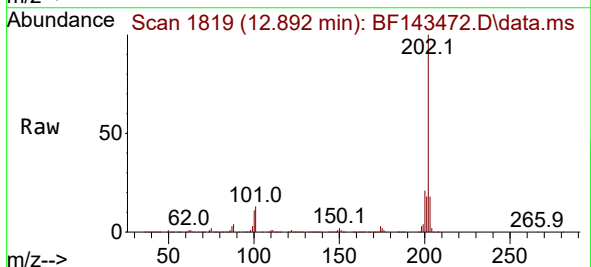
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

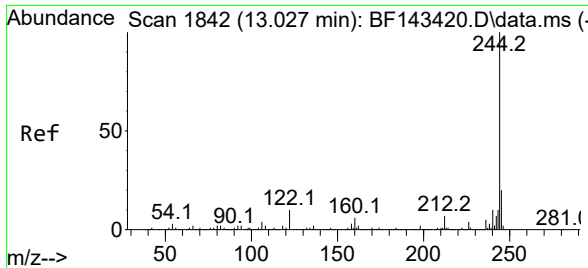
Tgt Ion:184 Resp: 216054
 Ion Ratio Lower Upper
 184 100
 185 13.9 12.2 18.2
 183 12.1 9.2 13.8



#78
 Pyrene
 Concen: 45.857 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

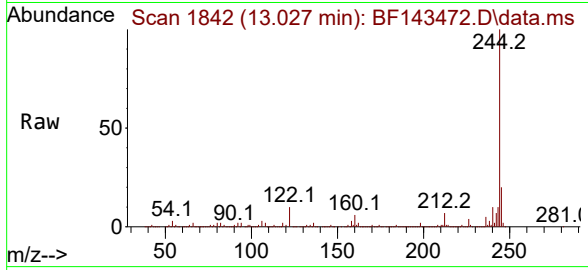
Tgt Ion:202 Resp: 965039
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.1 25.7
 203 17.5 14.2 21.2



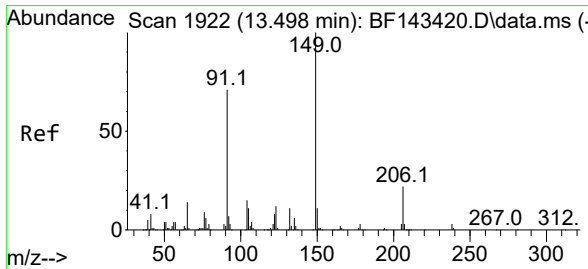
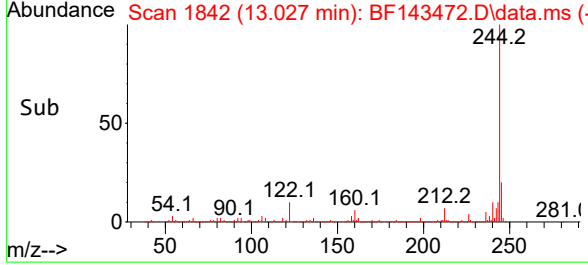
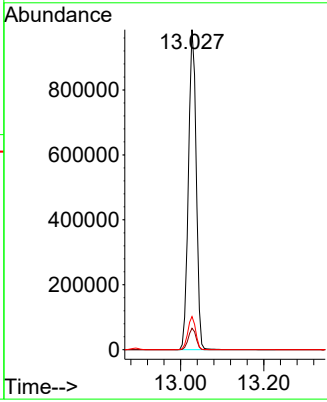


#79
 Terphenyl-d14
 Concen: 88.717 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

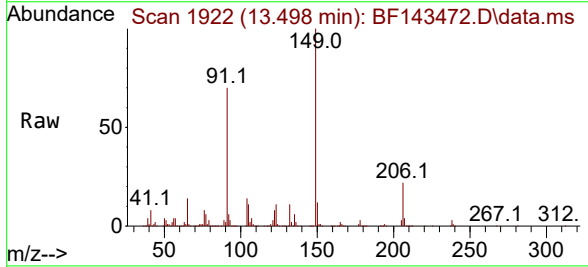
Instrument : BNA_F
 ClientSampleId : VNJ-210MSD



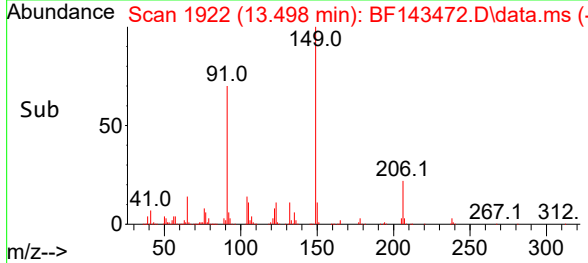
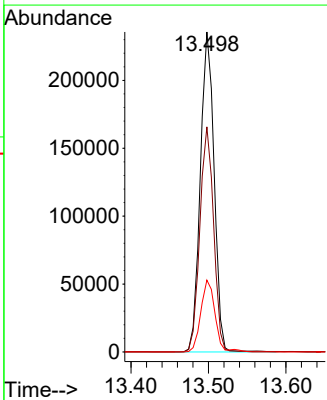
Tgt Ion:244 Resp: 1278700
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.3 8.3 12.5

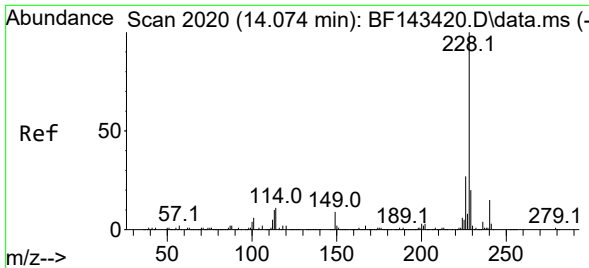


#80
 Butylbenzylphthalate
 Concen: 55.872 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



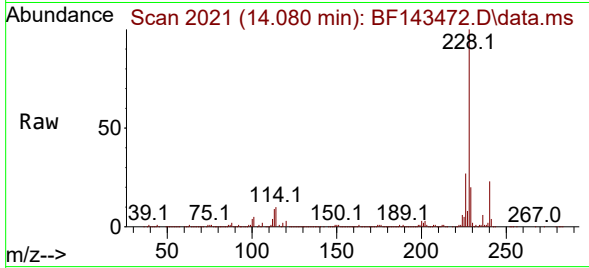
Tgt Ion:149 Resp: 291234
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.0 85.4
 206 22.5 17.6 26.4



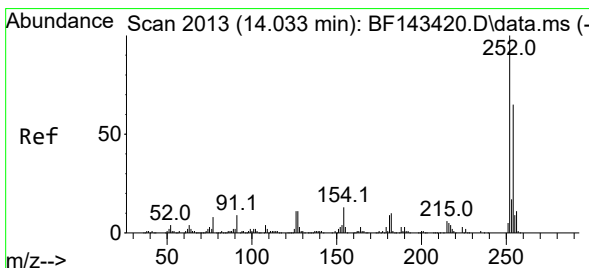
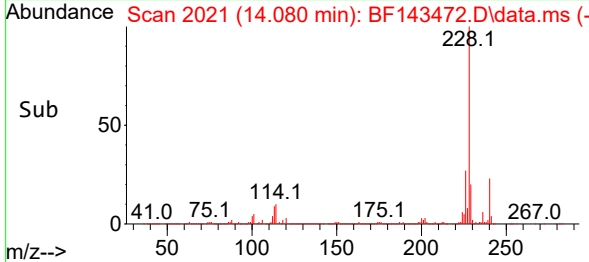
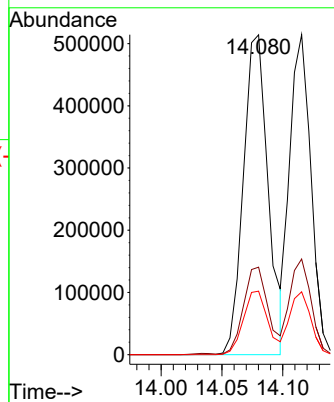


#81
 Benzo(a)anthracene
 Concen: 47.272 ng
 RT: 14.080 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

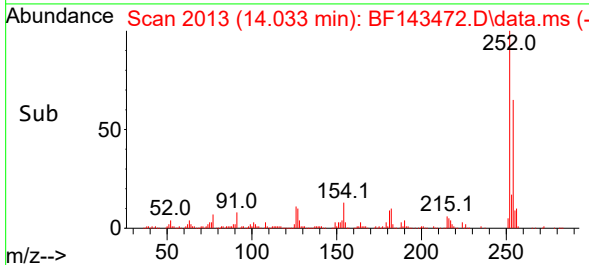
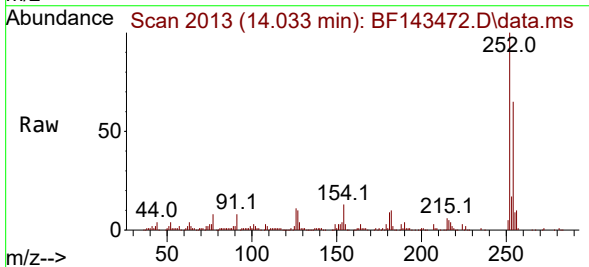
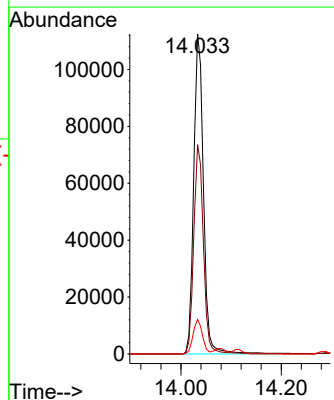


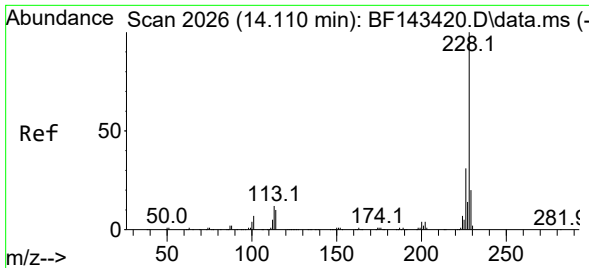
Tgt Ion:228 Resp: 728693
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.5 32.3
 229 19.9 15.7 23.5



#82
 3,3'-Dichlorobenzidine
 Concen: 33.633 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

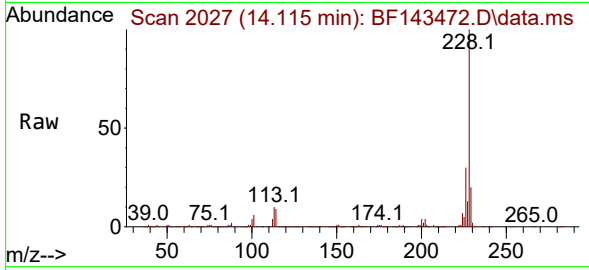
Tgt Ion:252 Resp: 151795
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.6 77.4
 126 10.8 8.8 13.2



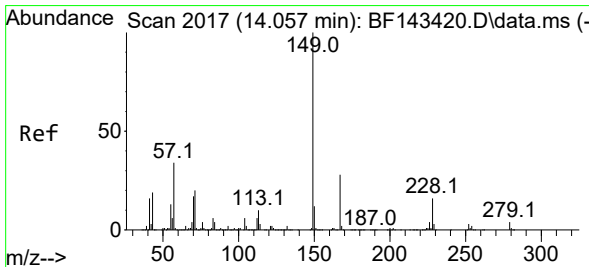
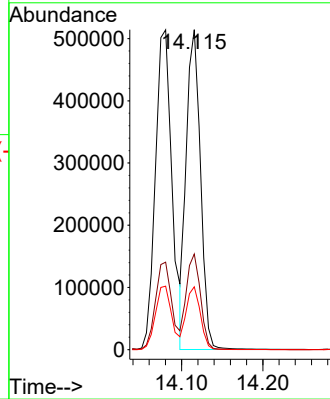
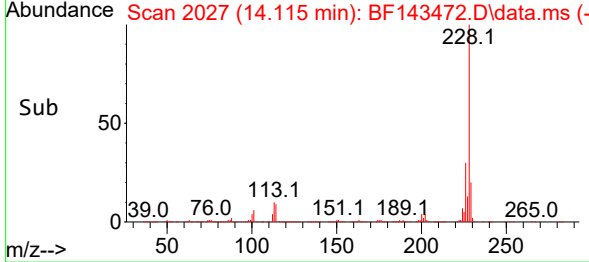


#83
 Chrysene
 Concen: 43.964 ng
 RT: 14.115 min Scan# 2027
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

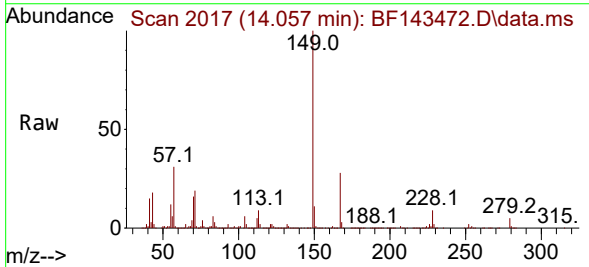
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD



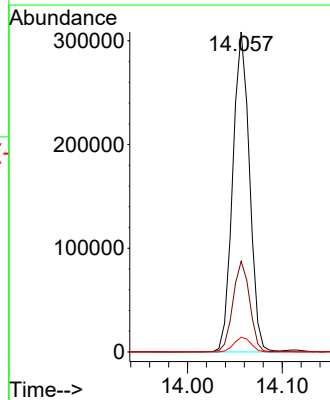
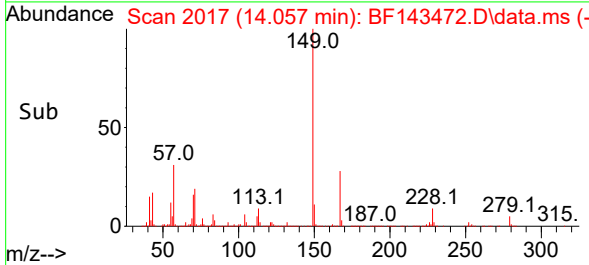
Tgt Ion:228 Resp: 626517
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 19.6 16.1 24.1

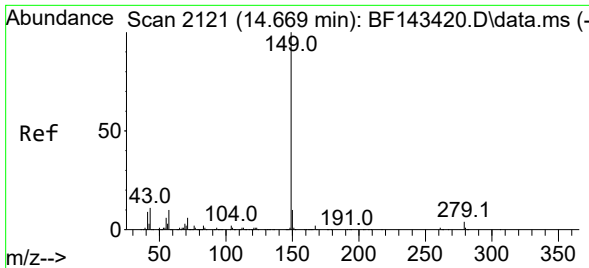


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.396 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion:149 Resp: 380466
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 4.6 3.5 5.3



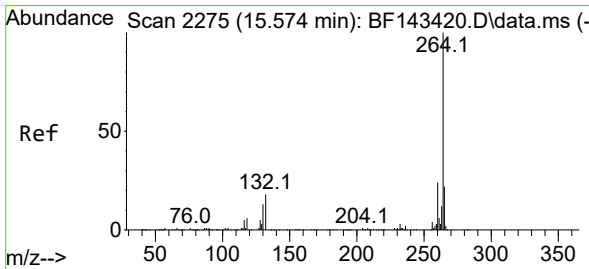
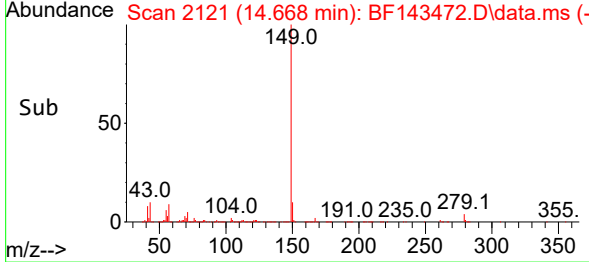
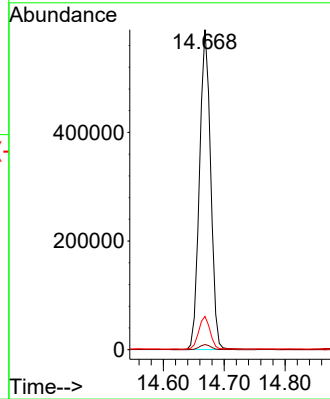
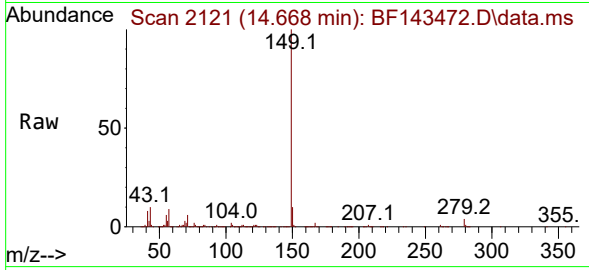


#85
 Di-n-octyl phthalate
 Concen: 49.876 ng
 RT: 14.668 min Scan# 2121
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument : BNA_F
 ClientSampleId : VNJ-210MSD

Tgt Ion:149 Resp: 748845

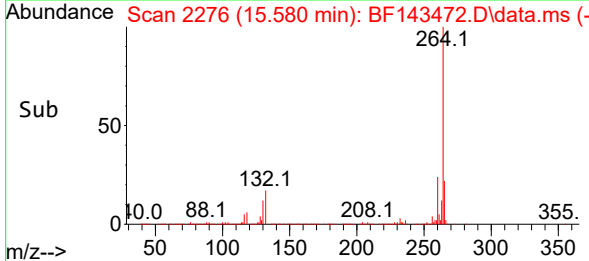
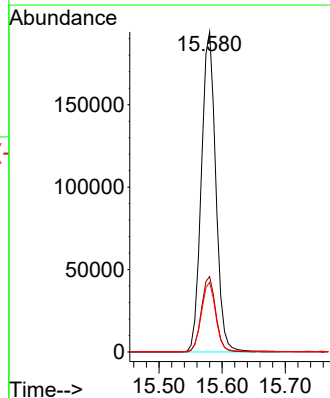
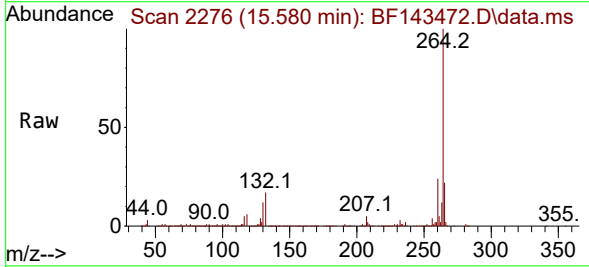
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.3	9.0	13.6

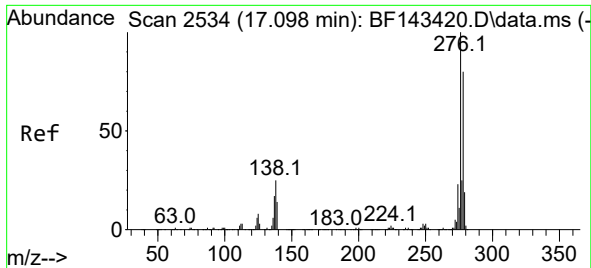


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Tgt Ion:264 Resp: 308087

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	17.4	26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.610 ng
 RT: 17.104 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

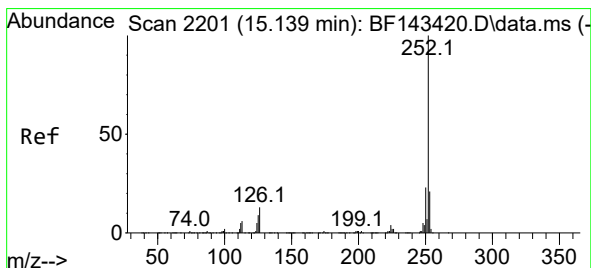
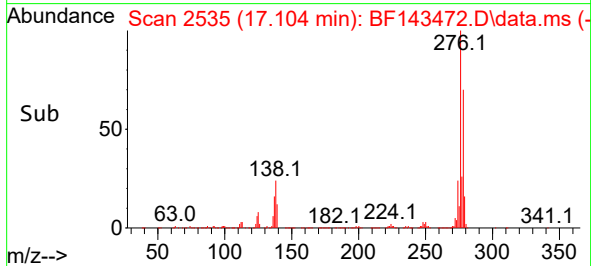
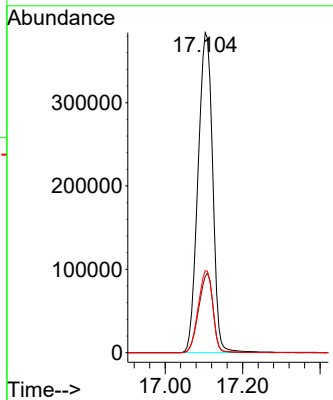
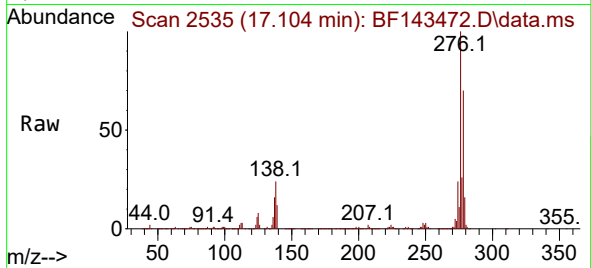
Instrument :

BNA_F

ClientSampleId :

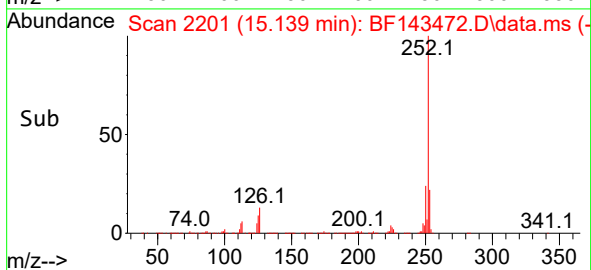
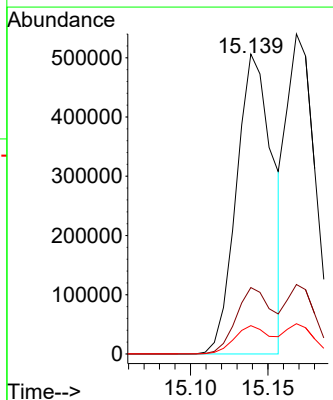
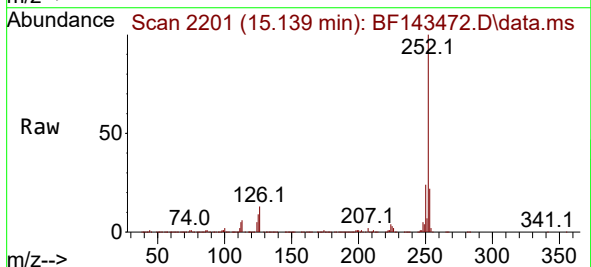
VNJ-210MSD

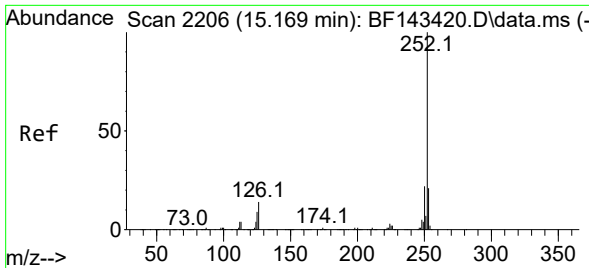
Tgt Ion:276 Resp: 1007557
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.2 30.4
 277 25.6 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.839 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

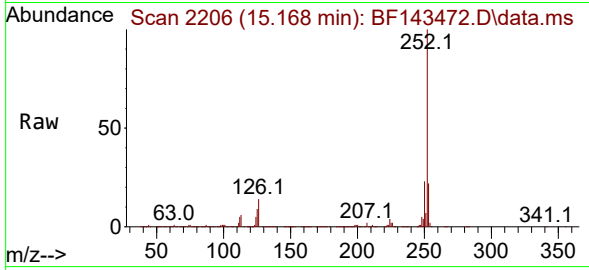
Tgt Ion:252 Resp: 822961
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.1 25.7
 125 9.4 7.5 11.3



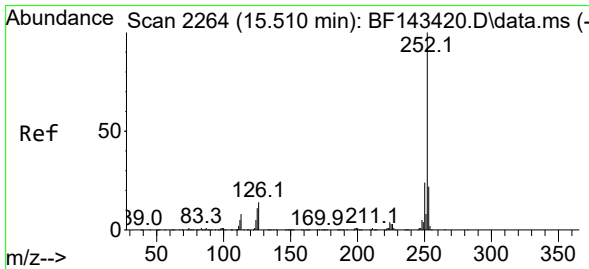
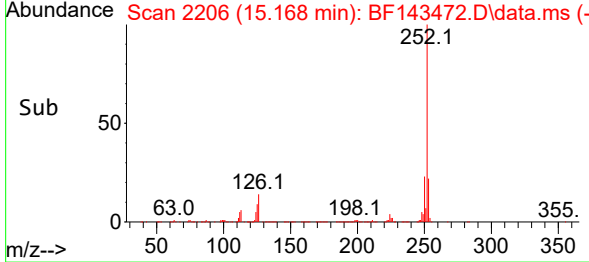
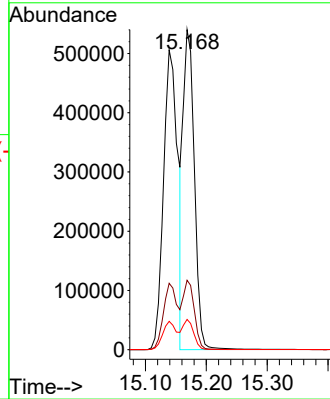


#89
 Benzo(k)fluoranthene
 Concen: 42.566 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD

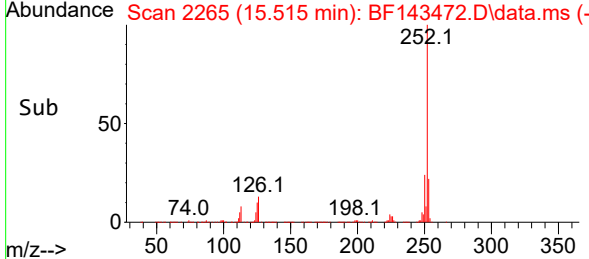
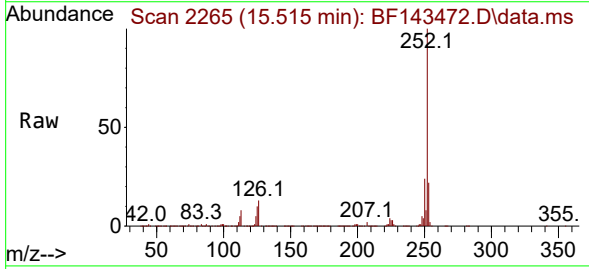
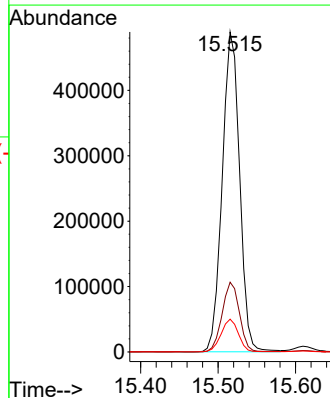


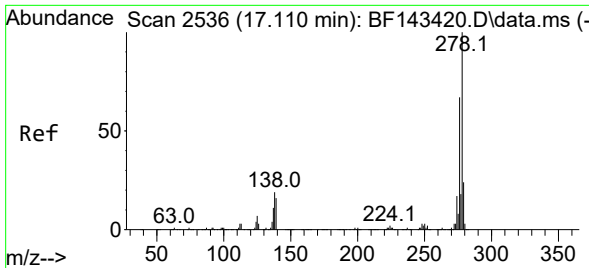
Tgt Ion:252 Resp: 693242
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 9.5 7.4 11.2



#90
 Benzo(a)pyrene
 Concen: 48.471 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

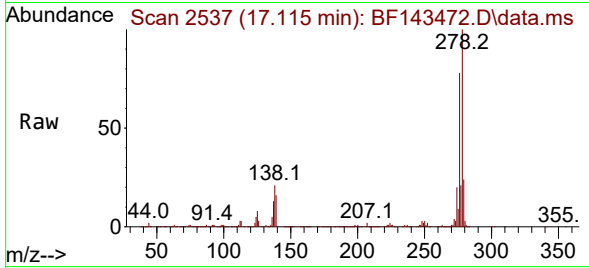
Tgt Ion:252 Resp: 762314
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 10.2 8.6 12.8



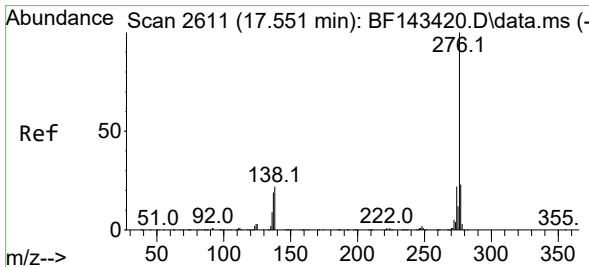
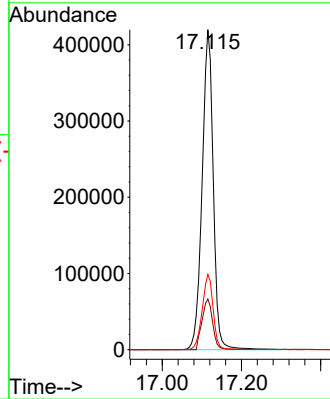
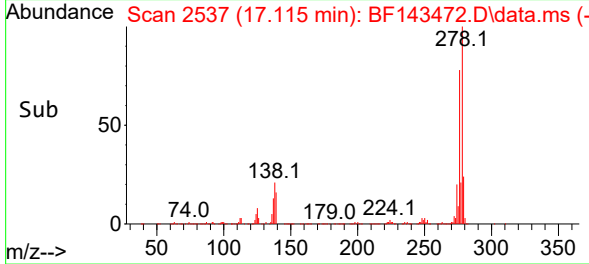


#91
 Dibenzo(a,h)anthracene
 Concen: 44.098 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46

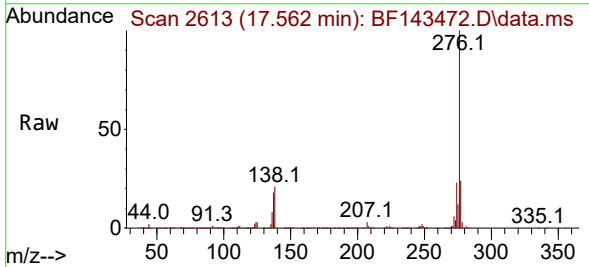
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MSD



Tgt Ion:278 Resp: 818157
 Ion Ratio Lower Upper
 278 100
 139 15.9 12.9 19.3
 279 23.5 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 44.944 ng
 RT: 17.562 min Scan# 2613
 Delta R.T. 0.012 min
 Lab File: BF143472.D
 Acq: 19 Aug 2025 23:46



Tgt Ion:276 Resp: 833001
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.7 28.1
 138 21.0 17.5 26.3

