Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138629.D
Acq On : 23 Jul 2024 20:38
Operator : RC/JU
Sample : P3314-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Quant Time: Jul 24 01:16:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	90294	20.000	ng		-0.02
21) Naphthalene-d8	8.140	136	354478	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	172809	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	234304	20.000	ng		-0.01
76) Chrysene-d12	14.016	240	147778	20.000	ng		-0.01
86) Perylene-d12	15.474	264	121596	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	453173	79.486	ng		0.00
7) Phenol-d6	6.493	99	608263	80.200	ng		-0.01
23) Nitrobenzene-d5	7.422	82	389552	53.956	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	115117	71.277	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	639151	57.806	ng		-0.02
79) Terphenyl-d14	12.951	244	438601	48.352	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	98922	39.176	ng		97
3) Pyridine	3.457	79	257436	41.342	ng		96
4) n-Nitrosodimethylamine	3.422	42	188497	46.501	ng		94
6) Aniline	6.516	93	275350	38.761	ng	#	34
8) 2-Chlorophenol	6.645	128	294185	48.799	ng		99
9) Benzaldehyde	6.404	77	24104	5.938	ng		100
10) Phenol	6.510	94	387728	48.163	ng		88
11) bis(2-Chloroethyl)ether	6.593	93	287962	47.509	ng		98
12) 1,3-Dichlorobenzene	6.793	146	296692	43.784	ng		98
13) 1,4-Dichlorobenzene	6.875	146	304521	44.254	ng		98
14) 1,2-Dichlorobenzene	7.022	146	288769	45.057	ng		97
15) Benzyl Alcohol	6.998	79	280824	49.338	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	511687	42.929	ng		80
17) 2-Methylphenol	7.116	107	232501	47.058	ng	#	91
18) Hexachloroethane	7.363	117	114854	45.402	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	224543	47.914	ng		93
20) 3+4-Methylphenols	7.269	107	290700	46.724	ng		90
22) Acetophenone	7.269	105	374259	43.472	ng		99
24) Nitrobenzene	7.440	77	335417	45.716	ng		96
25) Isophorone	7.681	82	596663	48.123	ng		99
26) 2-Nitrophenol	7.757	139	156389	49.732	ng		97
27) 2,4-Dimethylphenol	7.792	122	197333	51.057	ng		100
28) bis(2-Chloroethoxy)met...	7.887	93	353695	47.732	ng		98
29) 2,4-Dichlorophenol	7.998	162	228905	45.608	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	251380	42.995	ng		98
31) Naphthalene	8.157	128	839958	45.561	ng		100
32) Benzoic acid	7.928	122	134768	36.560	ng		93
33) 4-Chloroaniline	8.210	127	149803	23.159	ng		98
34) Hexachlorobutadiene	8.269	225	147328	40.920	ng		99
35) Caprolactam	8.587	113	55961	34.553	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	257386	45.808	ng		99
37) 2-Methylnaphthalene	8.851	142	520752	43.894	ng		100
38) 1-Methylnaphthalene	8.951	142	483195	41.732	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	216156	44.880	ng		99
41) Hexachlorocyclopentadiene	8.998	237	109471	70.026	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	147046	47.863	ng		99

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Data File : BF138629.D
Acq On : 23 Jul 2024 20:38
Operator : RC/JU
Sample : P3314-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Quant Time: Jul 24 01:16:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	153125	45.316	ng		95
46) 1,1'-Biphenyl	9.316	154	603790	46.104	ng		100
47) 2-Chloronaphthalene	9.339	162	471374	47.644	ng		99
48) 2-Nitroaniline	9.439	65	174497	50.897	ng		97
49) Acenaphthylene	9.757	152	719448	51.218	ng		99
50) Dimethylphthalate	9.616	163	566120	50.663	ng		99
51) 2,6-Dinitrotoluene	9.681	165	120595	46.873	ng		90
52) Acenaphthene	9.928	154	452347	48.446	ng		99
53) 3-Nitroaniline	9.845	138	92979	35.260	ng		91
54) 2,4-Dinitrophenol	9.957	184	86102	63.386	ng		95
55) Dibenzofuran	10.098	168	634449	46.847	ng		100
56) 4-Nitrophenol	10.022	139	140979	72.457	ng		98
57) 2,4-Dinitrotoluene	10.086	165	149487	44.906	ng		92
58) Fluorene	10.439	166	483369	45.107	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	112276	42.102	ng		96
60) Diethylphthalate	10.310	149	527672	48.984	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	239377	44.486	ng		92
62) 4-Nitroaniline	10.463	138	99768	37.756	ng		99
63) Azobenzene	10.592	77	548038	47.319	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	66607	49.233	ng		83
66) n-Nitrosodiphenylamine	10.551	169	411536	58.624	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	130911	54.360	ng		98
68) Hexachlorobenzene	10.986	284	135325	50.582	ng		95
69) Atrazine	11.075	200	114143	49.043	ng		98
70) Pentachlorophenol	11.180	266	121367	76.666	ng		96
71) Phenanthrene	11.398	178	625219	52.818	ng		99
72) Anthracene	11.451	178	592080	50.388	ng		100
73) Carbazole	11.610	167	470625	44.568	ng		100
74) Di-n-butylphthalate	11.933	149	652907	53.641	ng		100
75) Fluoranthene	12.586	202	574886	47.595	ng		98
77) Benzidine	12.710	184	150569	40.384	ng		99
78) Pyrene	12.816	202	566132	37.738	ng		99
80) Butylbenzylphthalate	13.427	149	218869	48.500	ng		95
81) Benzo(a)anthracene	14.004	228	527464	53.194	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	131351	51.408	ng	#	97
83) Chrysene	14.039	228	477292	50.881	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	312676	64.966	ng		99
85) Di-n-octyl phthalate	14.598	149	584944	76.934	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	303469	37.155	ng		99
88) Benzo(b)fluoranthene	15.051	252	445356	65.035	ng		99
89) Benzo(k)fluoranthene	15.074	252	376989	56.446	ng		99
90) Benzo(a)pyrene	15.410	252	342453	56.927	ng		100
91) Dibenzo(a,h)anthracene	16.951	278	233361	34.928	ng		99
92) Benzo(g,h,i)perylene	17.380	276	233711	32.988	ng		98

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138629.D
Acq On : 23 Jul 2024 20:38
Operator : RC/JU
Sample : P3314-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 24 01:16:49 2024
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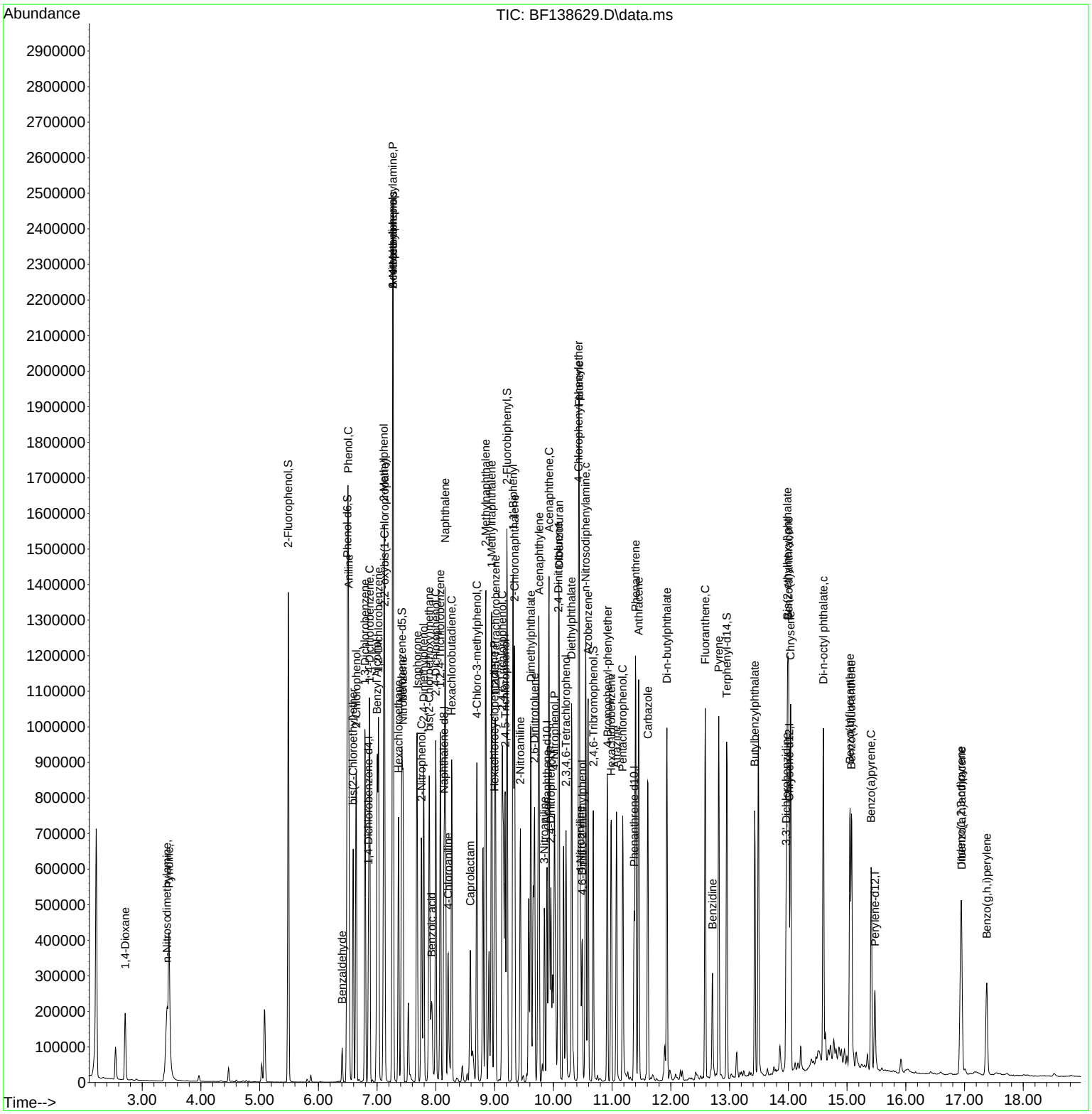
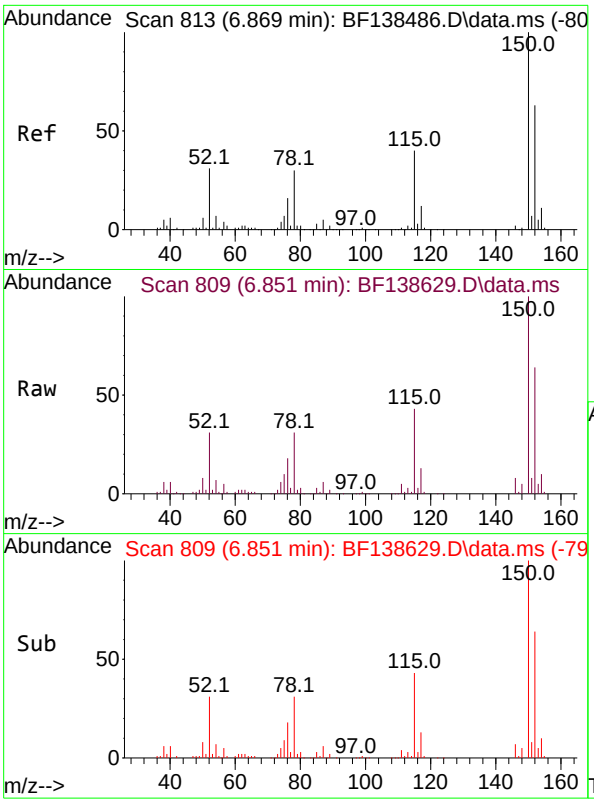
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration



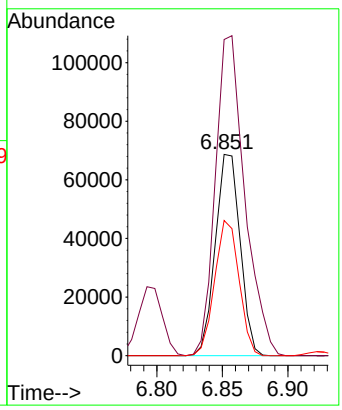


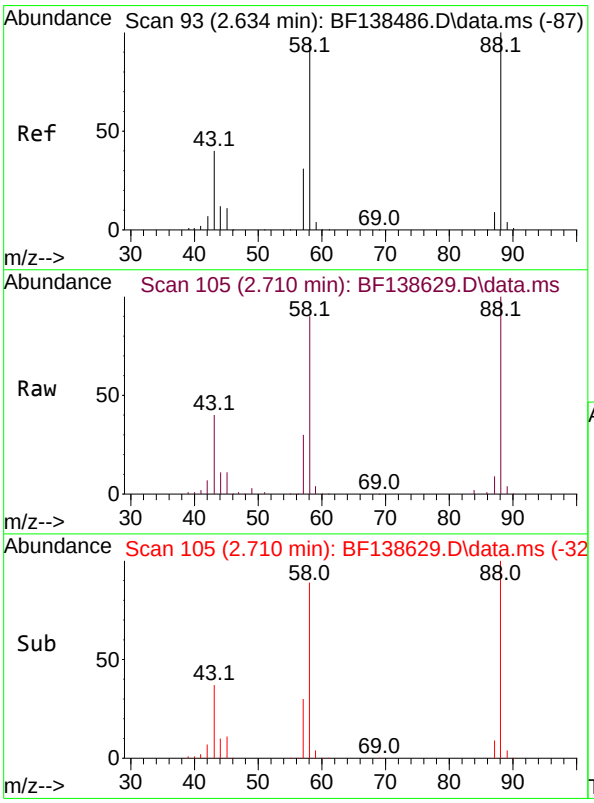
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:152 Resp: 90294

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.4
115	67.2	50.3	75.5

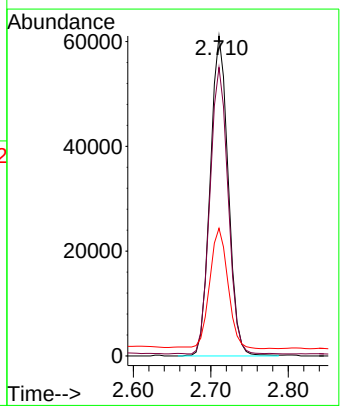


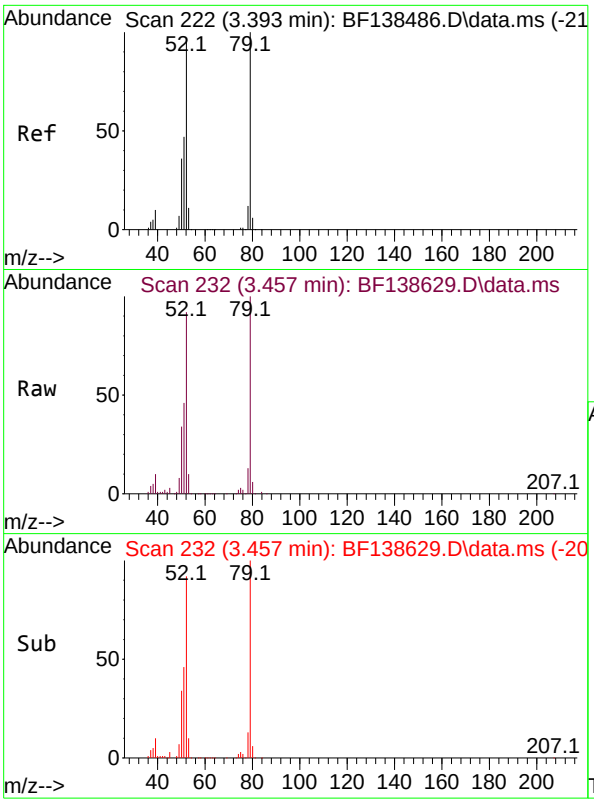


#2
1,4-Dioxane
Concen: 39.176 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.077 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 88 Resp: 98922

Ion	Ratio	Lower	Upper
88	100		
58	90.1	74.6	112.0
43	37.9	31.8	47.6



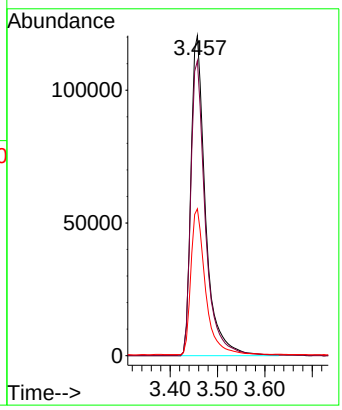


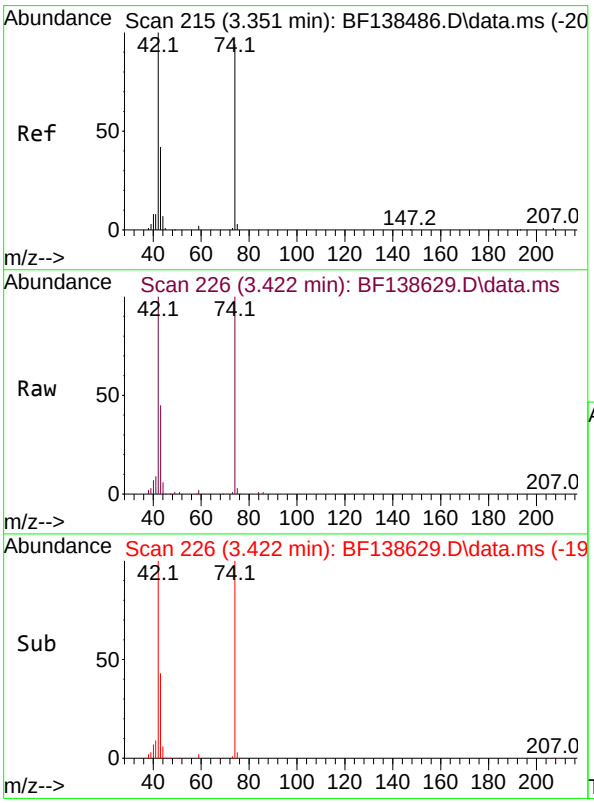
#3
Pyridine
Concen: 41.342 ng
RT: 3.457 min Scan# 2
Delta R.T. 0.065 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 79 Resp: 257436

Ion	Ratio	Lower	Upper
79	100		
52	92.2	77.4	116.2
51	45.9	37.4	56.0

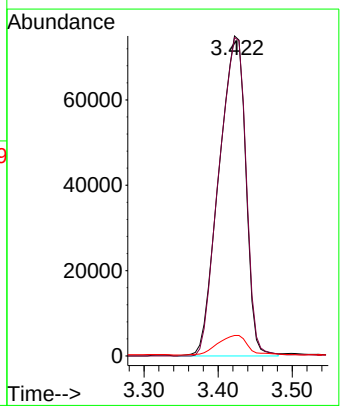


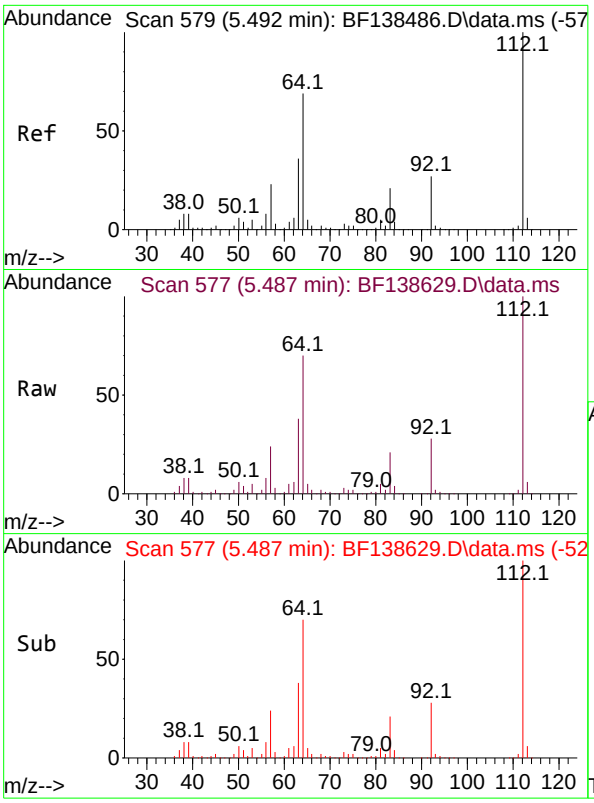


#4
n-Nitrosodimethylamine
Concen: 46.501 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.071 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 42 Resp: 188497

Ion	Ratio	Lower	Upper
42	100		
74	99.5	75.0	112.6
44	6.4	5.4	8.2



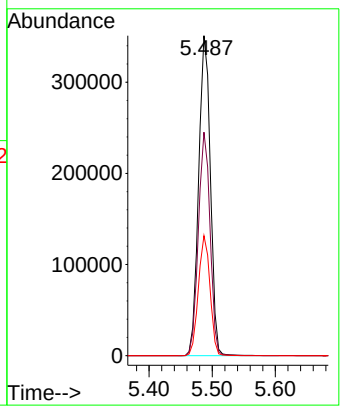


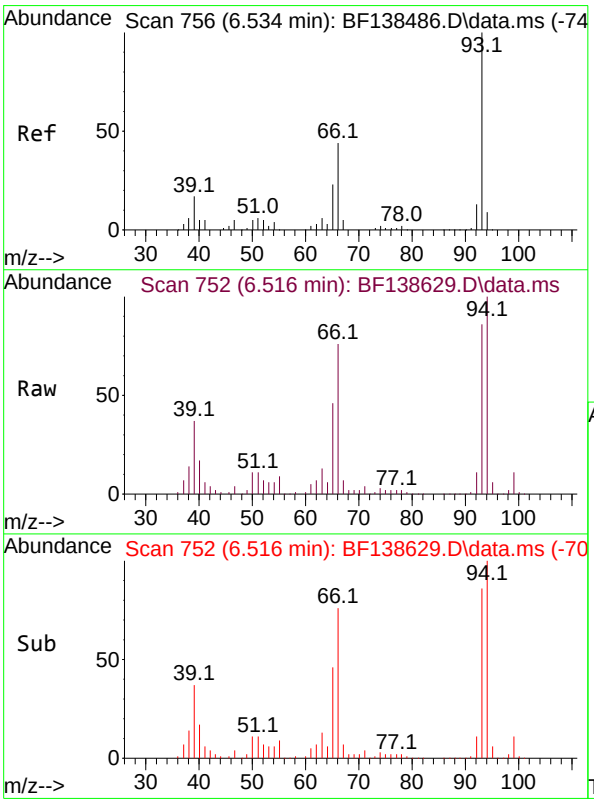
#5
2-Fluorophenol
Concen: 79.486 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:112 Resp: 453173

Ion	Ratio	Lower	Upper
112	100		
64	69.9	55.1	82.7
63	37.5	29.0	43.6

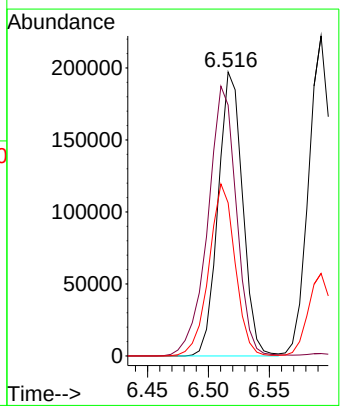


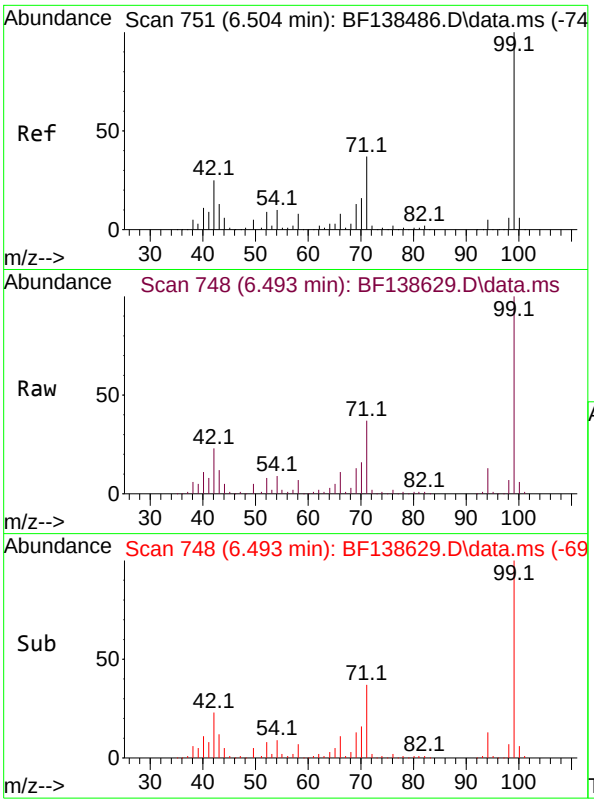


#6
Aniline
Concen: 38.761 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 93 Resp: 275350

Ion	Ratio	Lower	Upper
93	100		
66	88.4	35.4	53.0#
65	53.9	18.6	27.8#



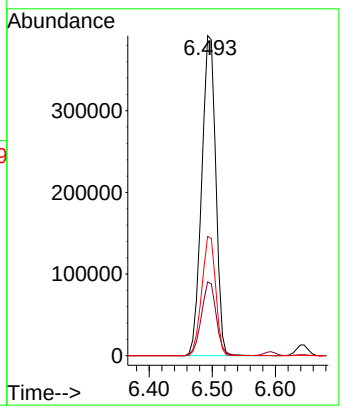


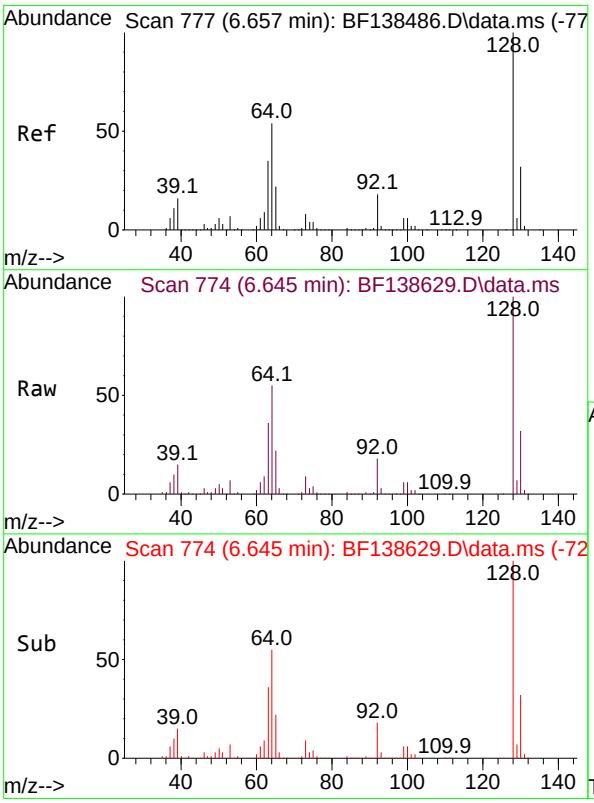
#7
Phenol-d6
Concen: 80.200 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 99 Resp: 608263

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.7	29.5
71	37.3	29.9	44.9

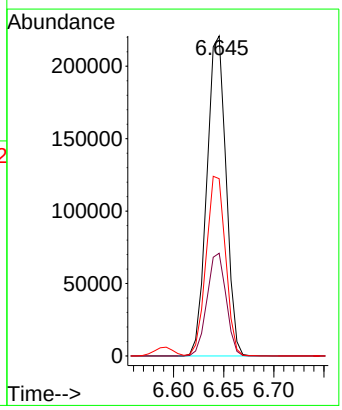


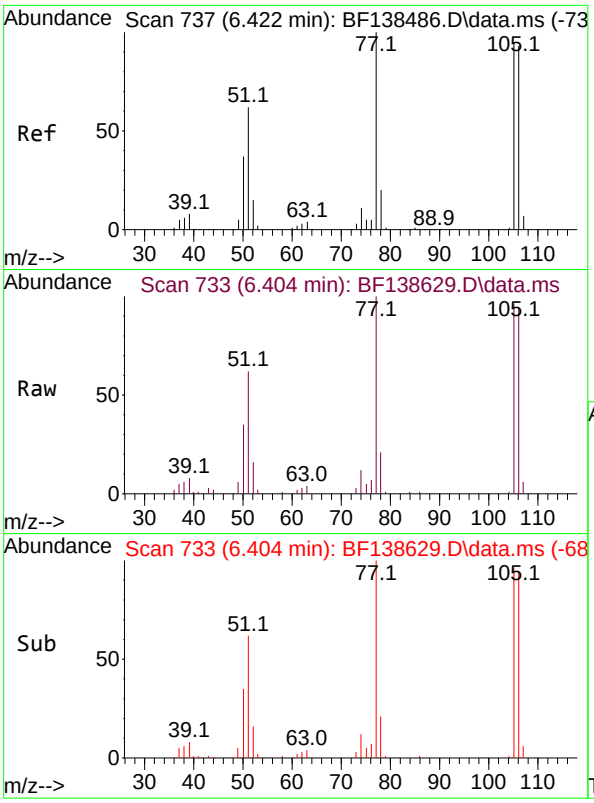


#8
2-Chlorophenol
Concen: 48.799 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:128 Resp: 294185

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.1	52.1
64	55.4	34.4	74.4



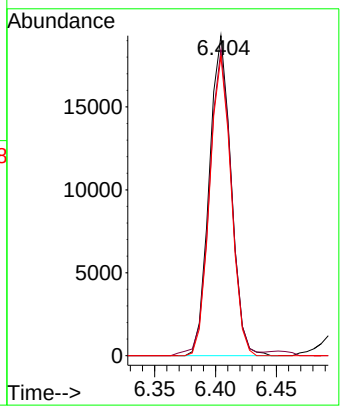


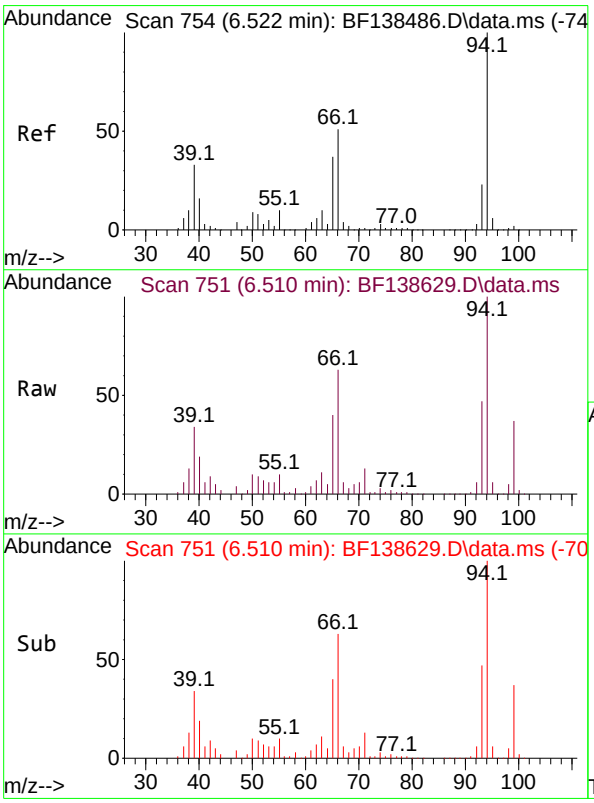
#9
Benzaldehyde
Concen: 5.938 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 77 Resp: 24104

Ion	Ratio	Lower	Upper
77	100		
105	95.6	75.1	115.1
106	93.5	73.2	113.2

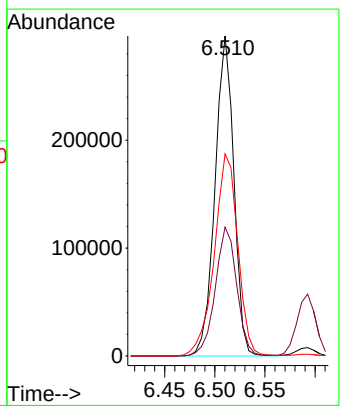


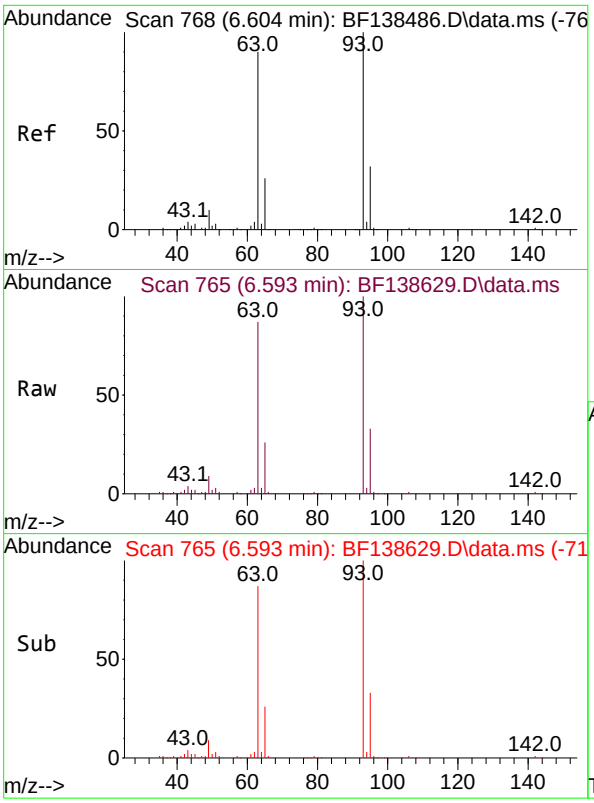


#10
Phenol
Concen: 48.163 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 94 Resp: 387728

Ion	Ratio	Lower	Upper
94	100		
65	40.3	16.7	56.7
66	63.1	31.2	71.2



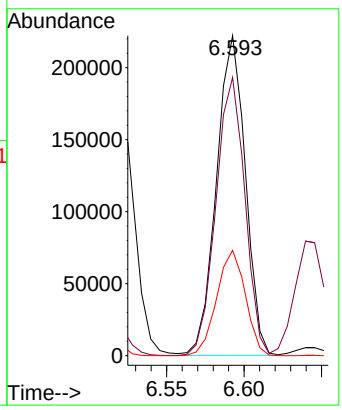


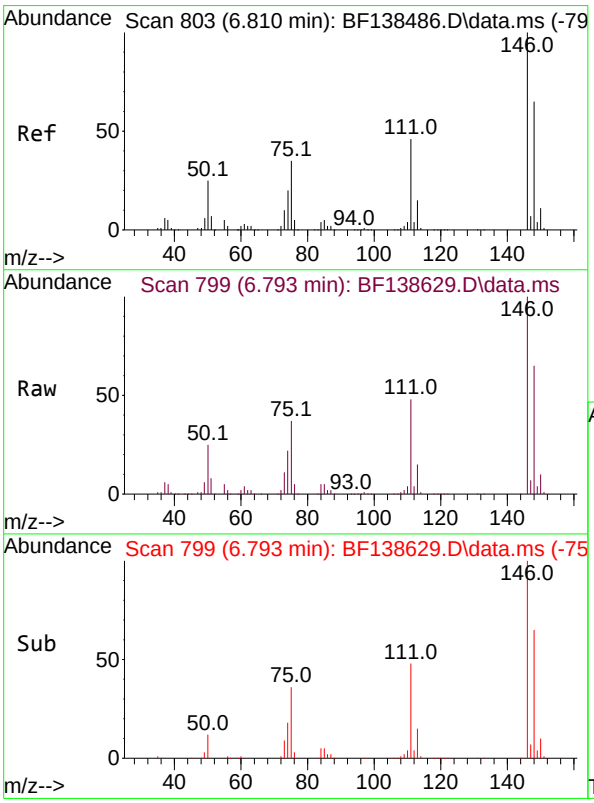
#11
bis(2-Chloroethyl)ether
Concen: 47.509 ng
RT: 6.593 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 93 Resp: 287962

Ion	Ratio	Lower	Upper
93	100		
63	87.0	68.8	108.8
95	32.9	11.8	51.8

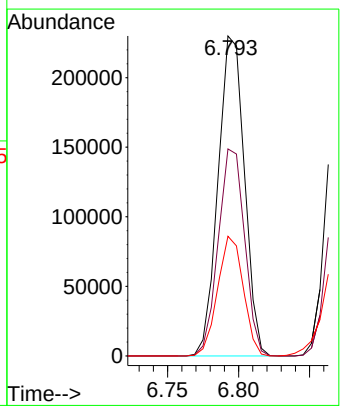


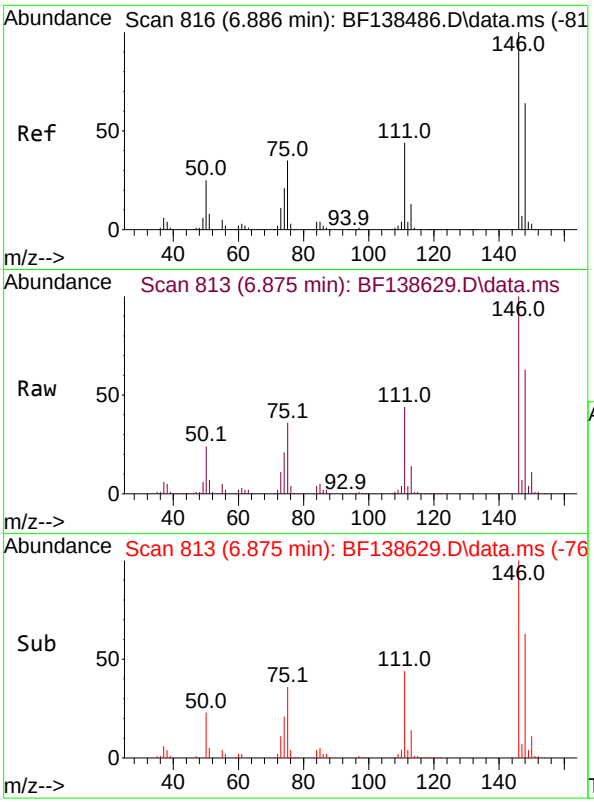


#12
1,3-Dichlorobenzene
Concen: 43.784 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:146 Resp: 296692

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.4	78.6
75	37.4	27.8	41.8



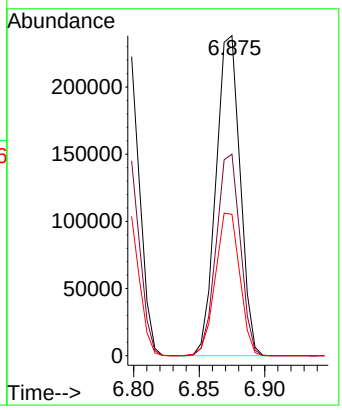


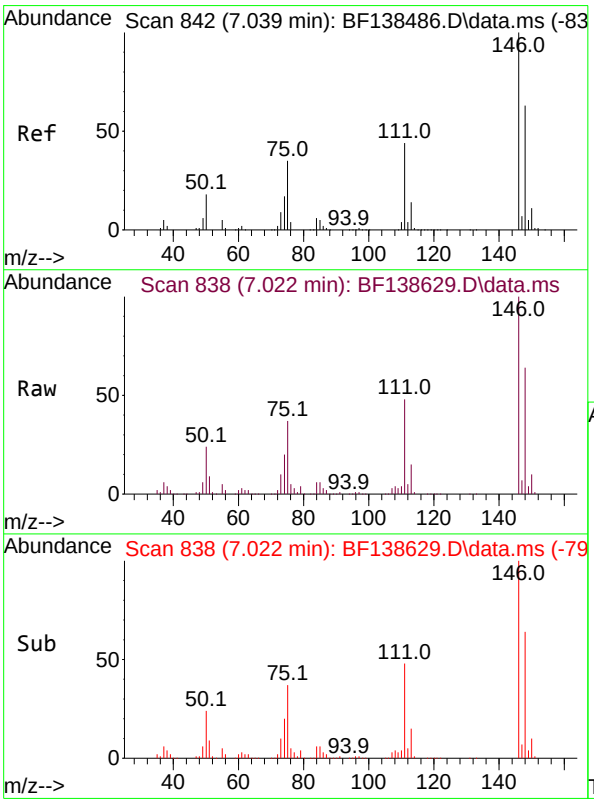
#13
1,4-Dichlorobenzene
Concen: 44.254 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:146 Resp: 304521

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	44.2	34.9	52.3

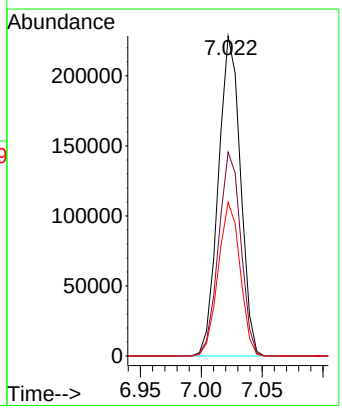


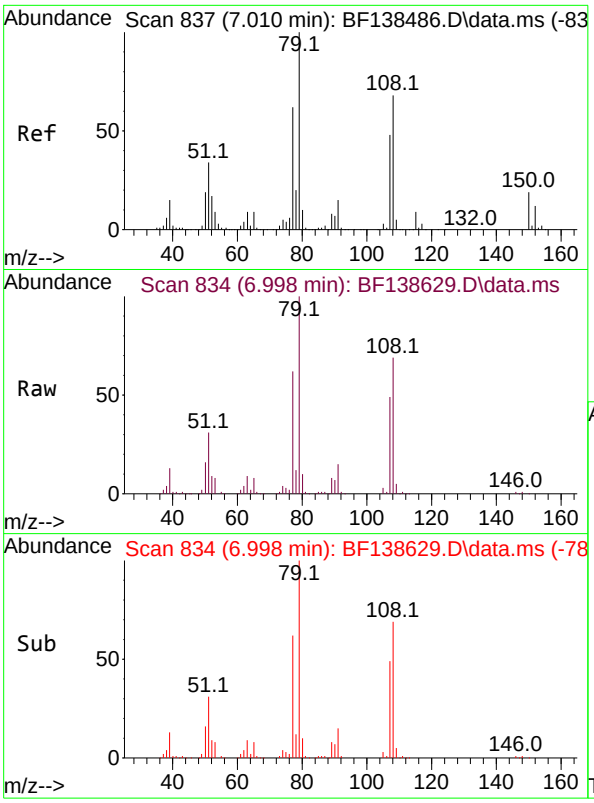


#14
1,2-Dichlorobenzene
Concen: 45.057 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:146 Resp: 288769

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.1	75.1
111	48.0	35.5	53.3



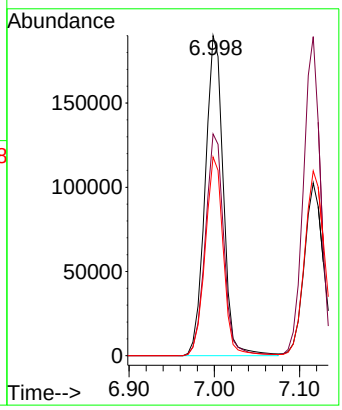


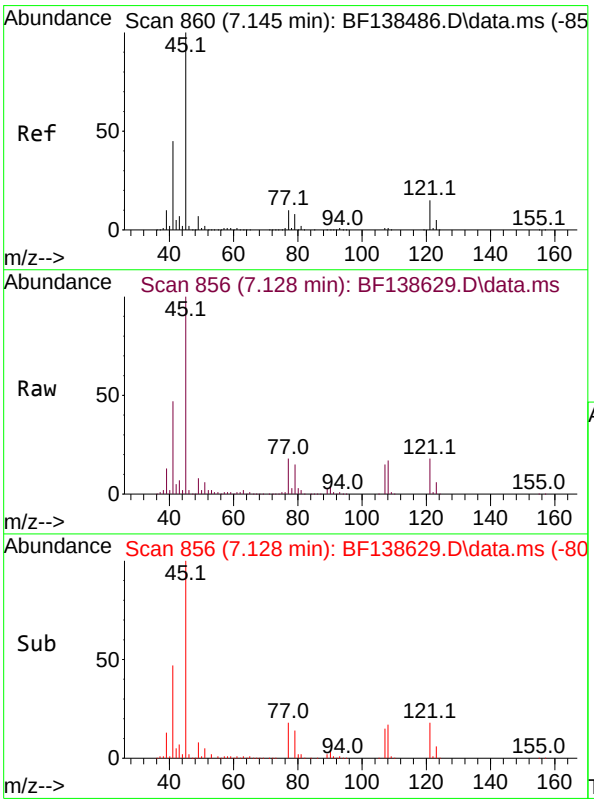
#15
Benzyl Alcohol
Concen: 49.338 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 79 Resp: 280824

Ion	Ratio	Lower	Upper
79	100		
108	69.3	54.3	81.5
77	62.1	50.0	75.0

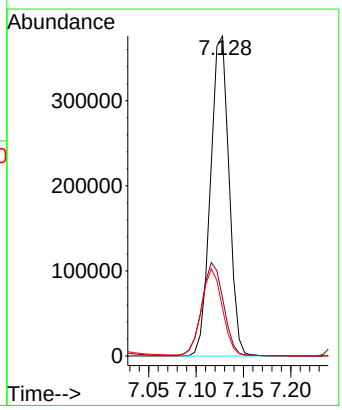


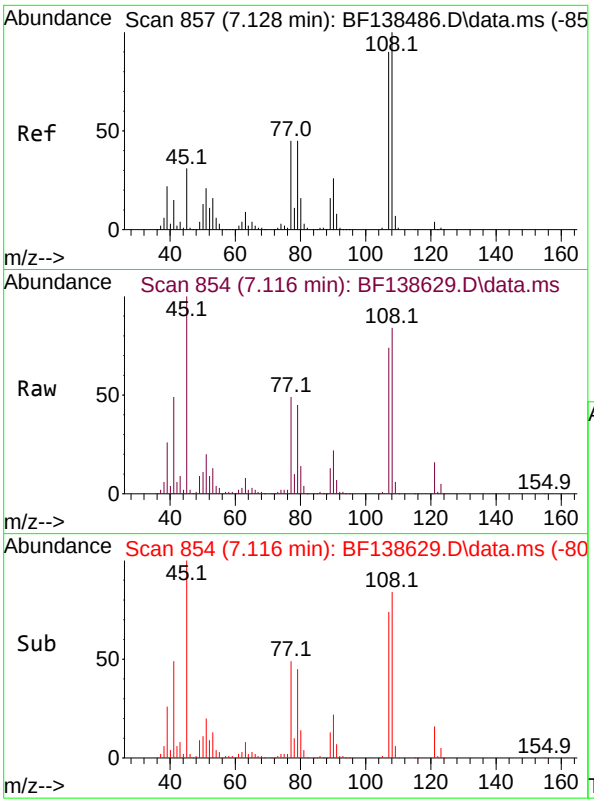


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.929 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 45 Resp: 511687

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	30.4
79	14.8	0.0	28.1



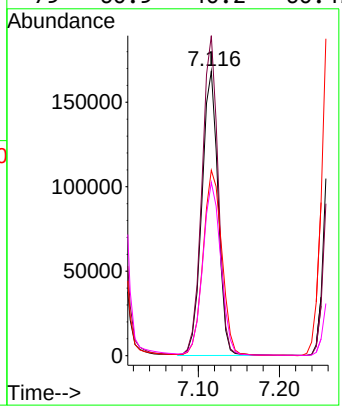


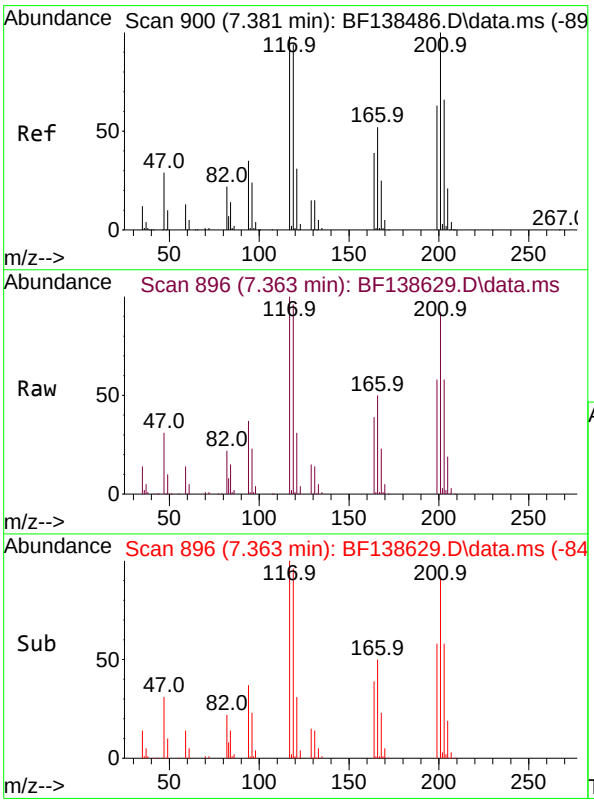
#17
2-Methylphenol
Concen: 47.058 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:107 Resp: 232501

Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.0	133.4
77	65.2	40.3	60.5#
79	60.9	40.2	60.4#

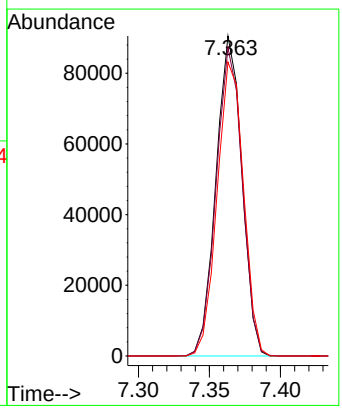


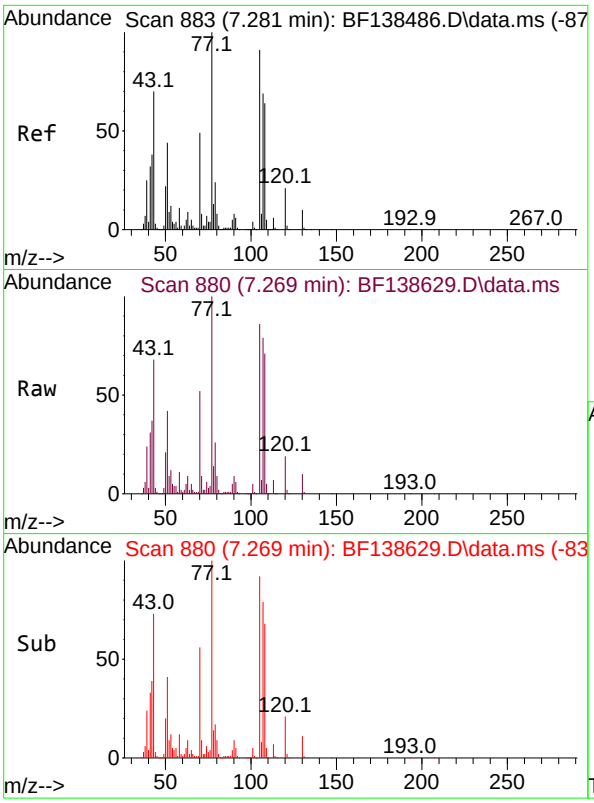


#18
Hexachloroethane
Concen: 45.402 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:117 Resp: 114854

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	91.9	81.4	122.0



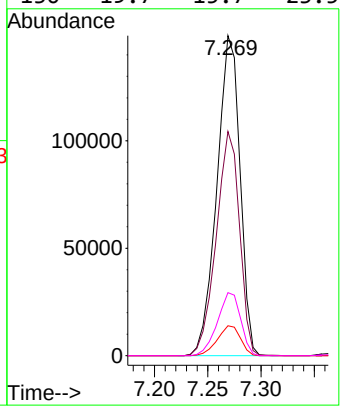


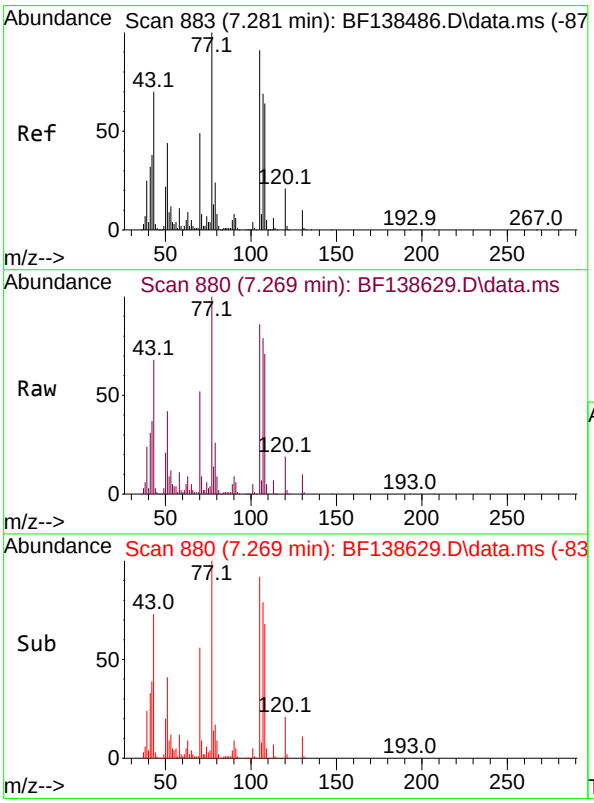
#19
n-Nitroso-di-n-propylamine
Concen: 47.914 ng
RT: 7.269 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 70 Resp: 224543

Ion	Ratio	Lower	Upper
70	100		
42	70.1	62.4	93.6
101	9.4	7.2	10.8
130	19.7	15.7	23.5

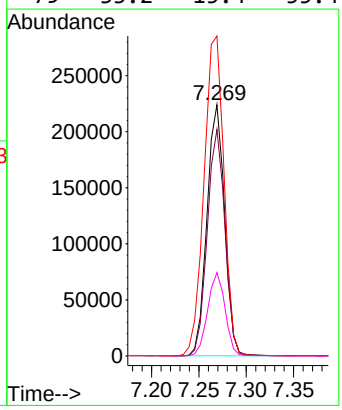


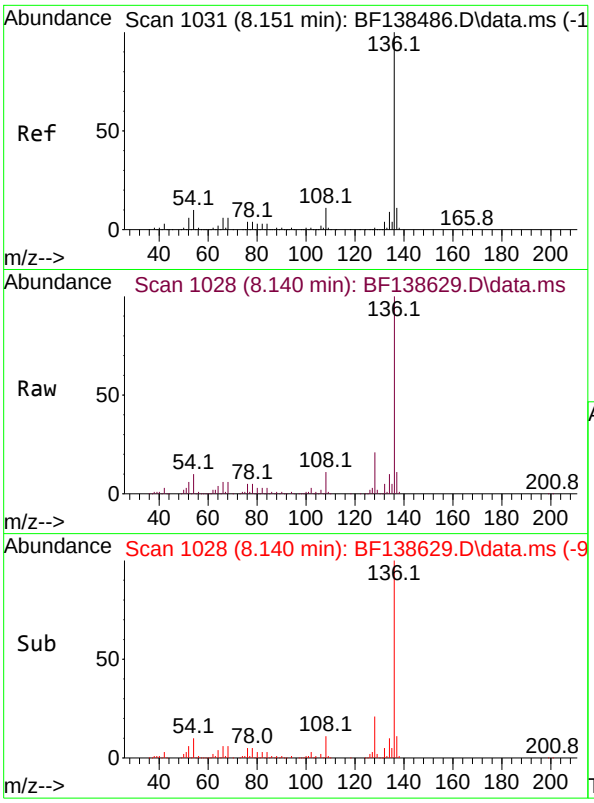


#20
3+4-Methylphenols
Concen: 46.724 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:107 Resp: 290700

Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.7	113.7
77	127.4	126.0	166.0
79	33.2	15.4	55.4



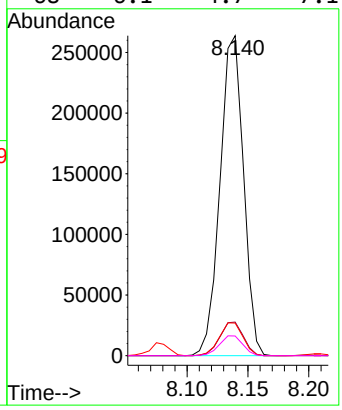


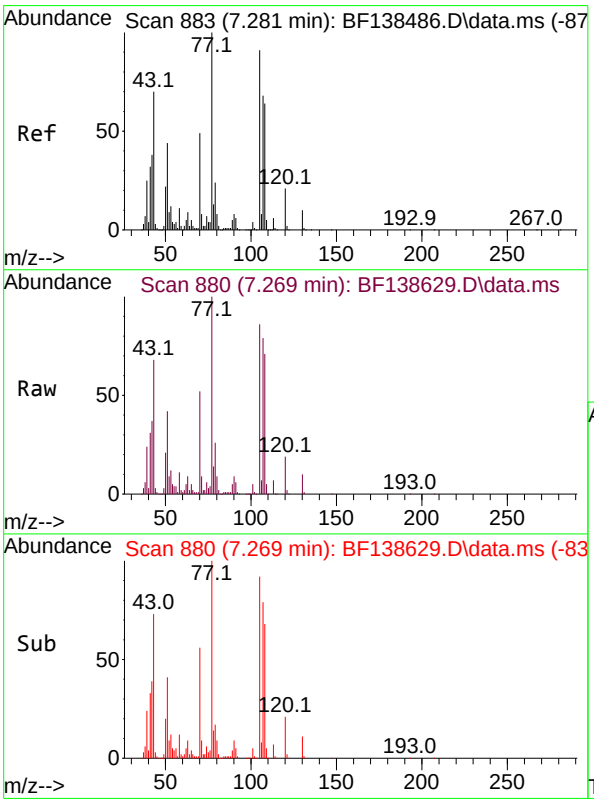
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:136 Resp: 354478

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.2	8.1	12.1
68	6.1	4.7	7.1

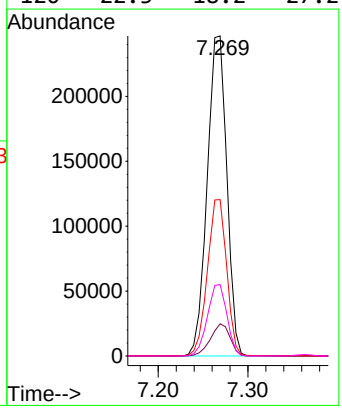


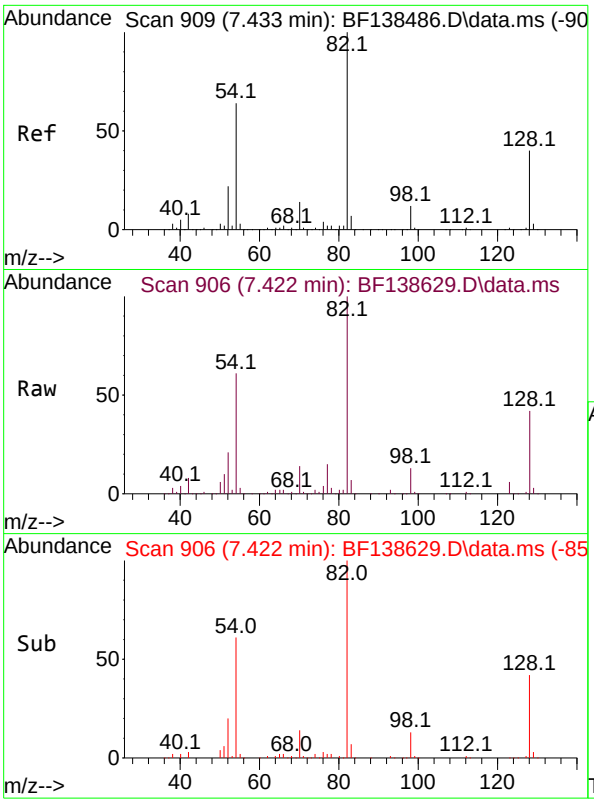


#22
Acetophenone
Concen: 43.472 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:105 Resp: 374259

Ion	Ratio	Lower	Upper
105	100		
71	10.1	7.4	11.2
51	48.9	38.7	58.1
120	22.3	18.2	27.2



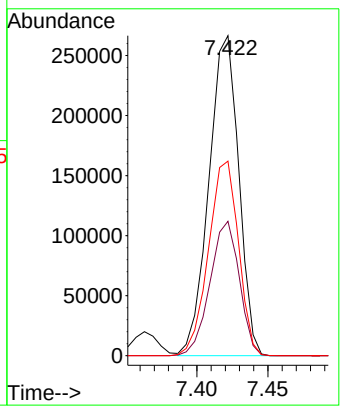


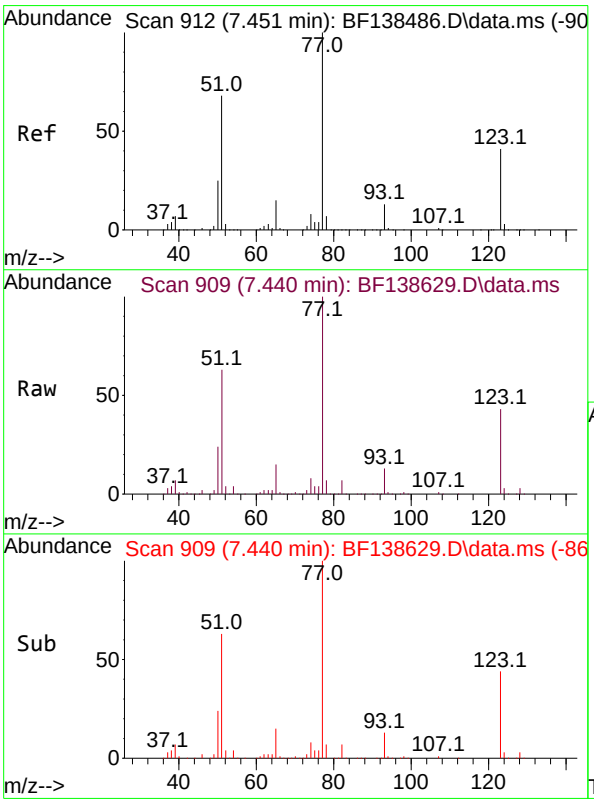
#23
Nitrobenzene-d5
Concen: 53.956 ng
RT: 7.422 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 82 Resp: 389552

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.3	48.5
54	60.8	51.4	77.0

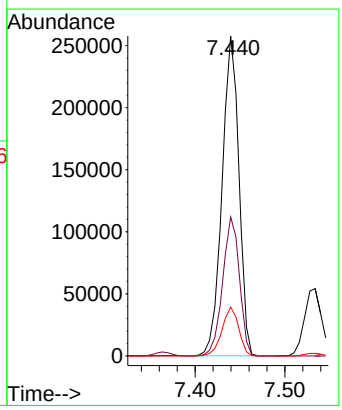


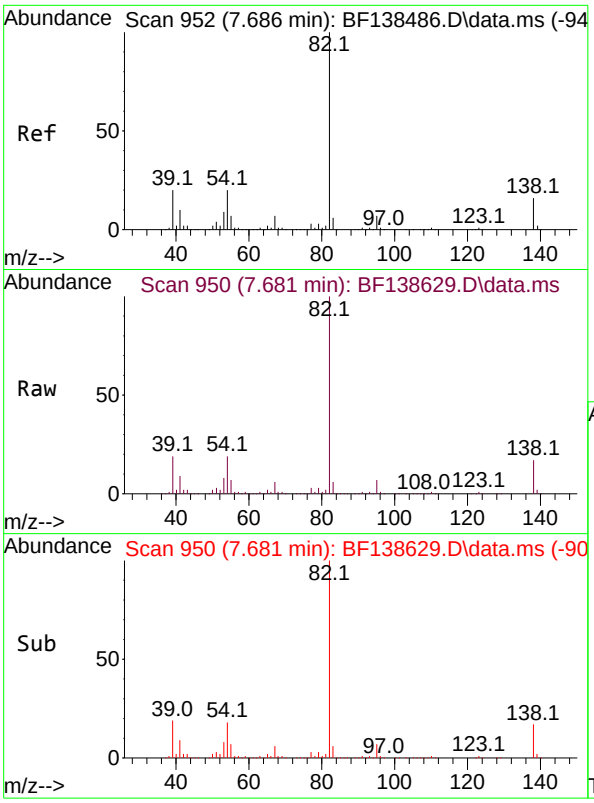


#24
Nitrobenzene
Concen: 45.716 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 77 Resp: 335417

Ion	Ratio	Lower	Upper
77	100		
123	43.5	32.4	48.6
65	15.2	11.8	17.8



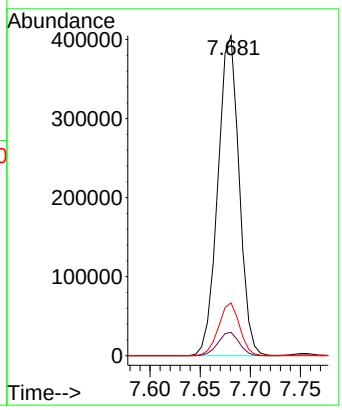


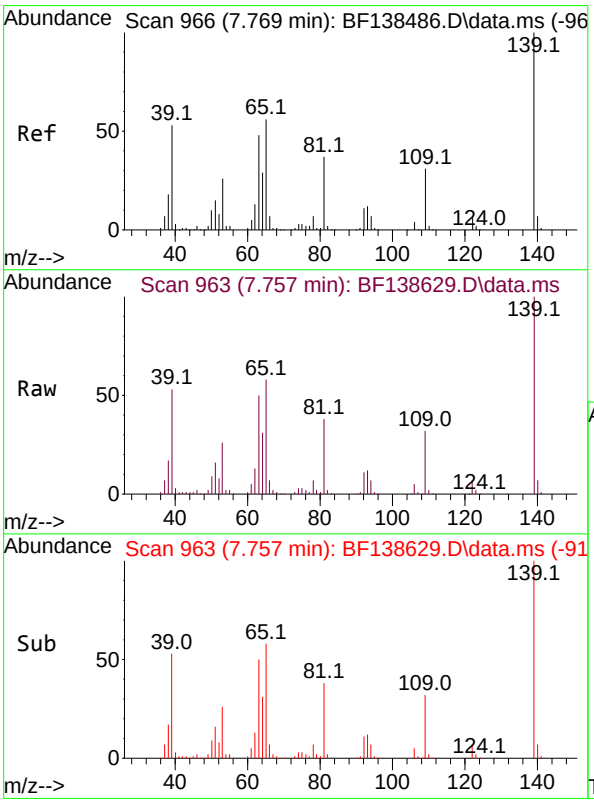
#25
Isophorone
Concen: 48.123 ng
RT: 7.681 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 82 Resp: 596663

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	16.5	12.8	19.2

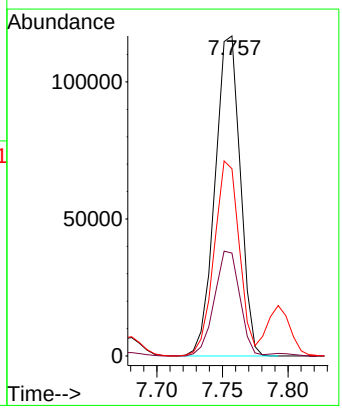


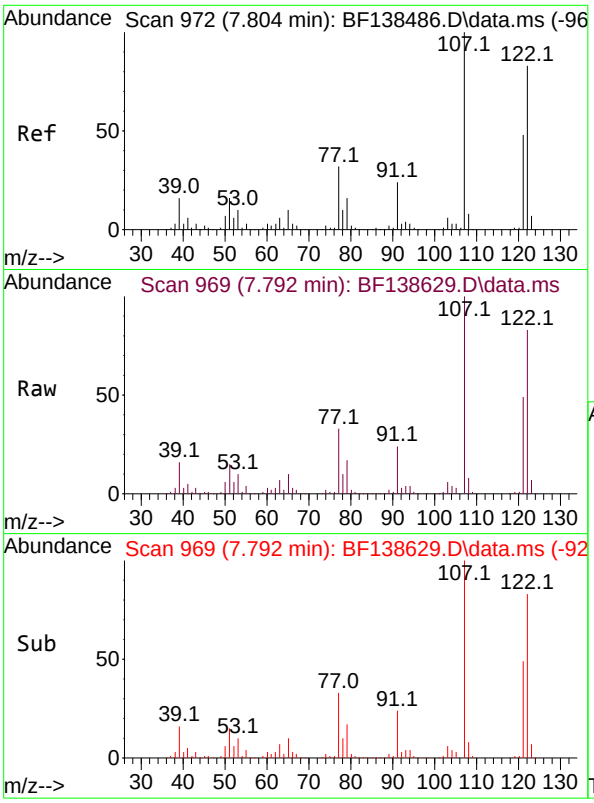


#26
2-Nitrophenol
Concen: 49.732 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:139 Resp: 156389

Ion	Ratio	Lower	Upper
139	100		
109	32.2	24.8	37.2
65	58.5	45.1	67.7



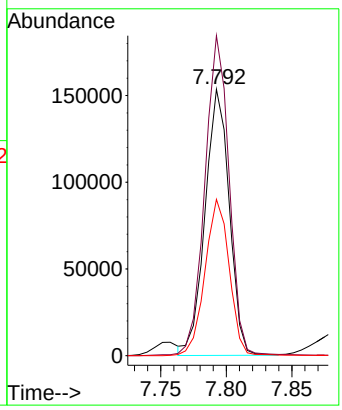


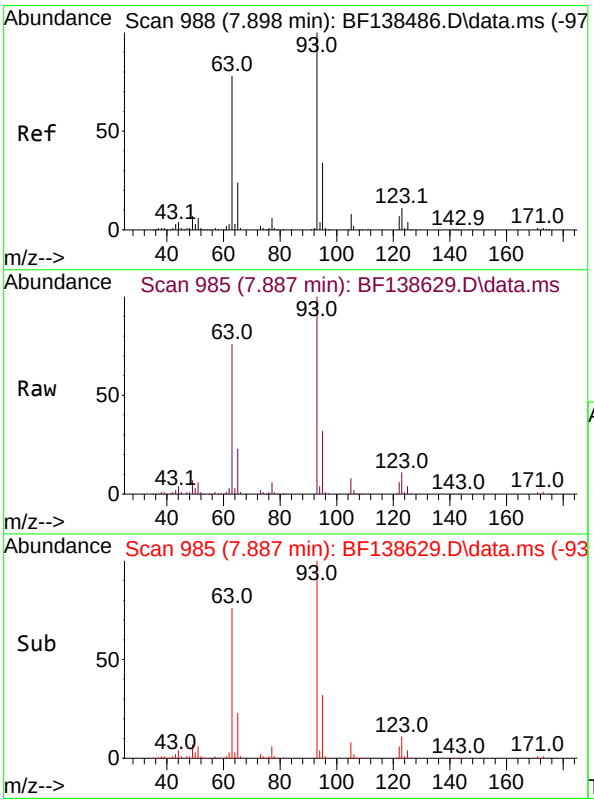
#27
2,4-Dimethylphenol
Concen: 51.057 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:122 Resp: 197333

Ion	Ratio	Lower	Upper
122	100		
107	120.1	96.3	144.5
121	58.7	46.7	70.1

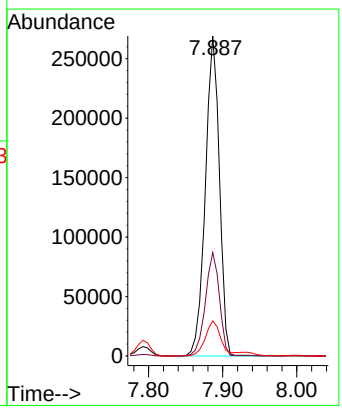


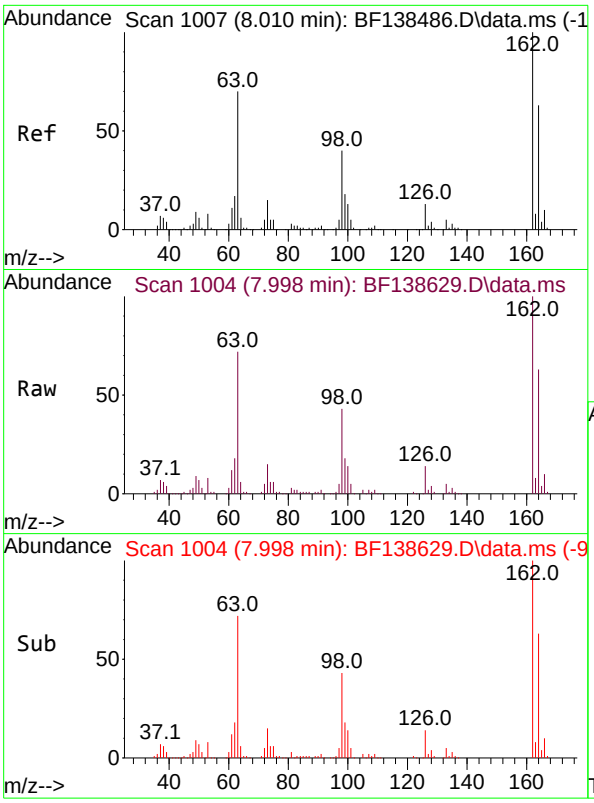


#28
bis(2-Chloroethoxy)methane
Concen: 47.732 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 93 Resp: 353695

Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.0	40.6
123	11.0	9.1	13.7



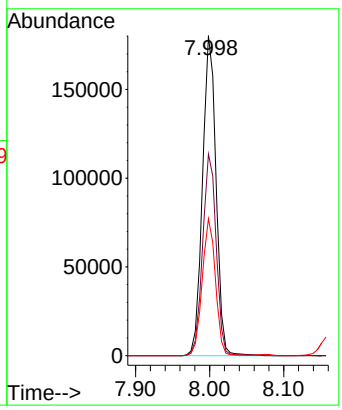


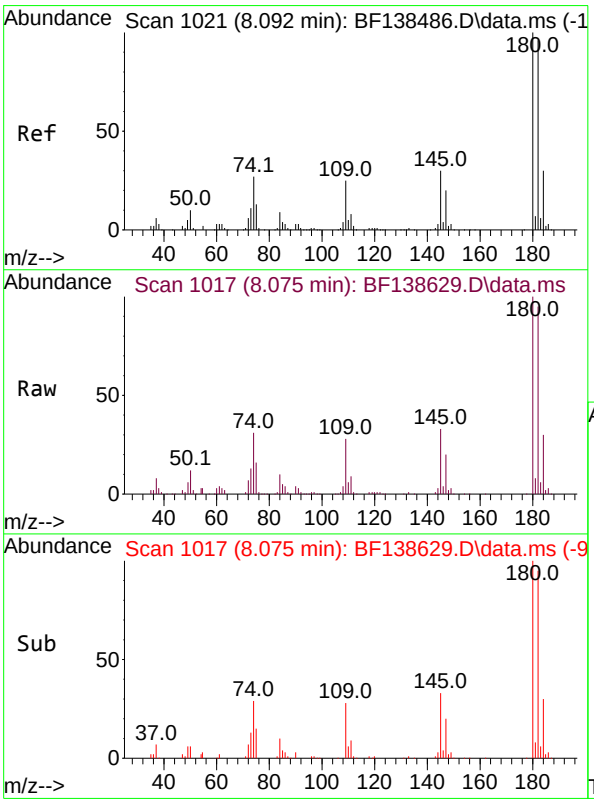
#29
2,4-Dichlorophenol
Concen: 45.608 ng
RT: 7.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:162 Resp: 228905

Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.6	82.6
98	42.8	20.1	60.1

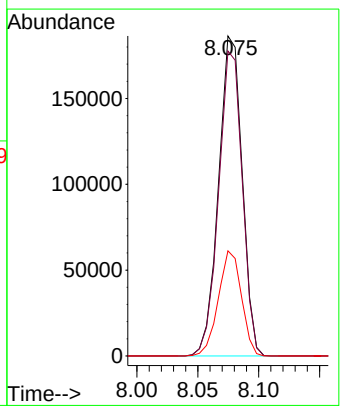


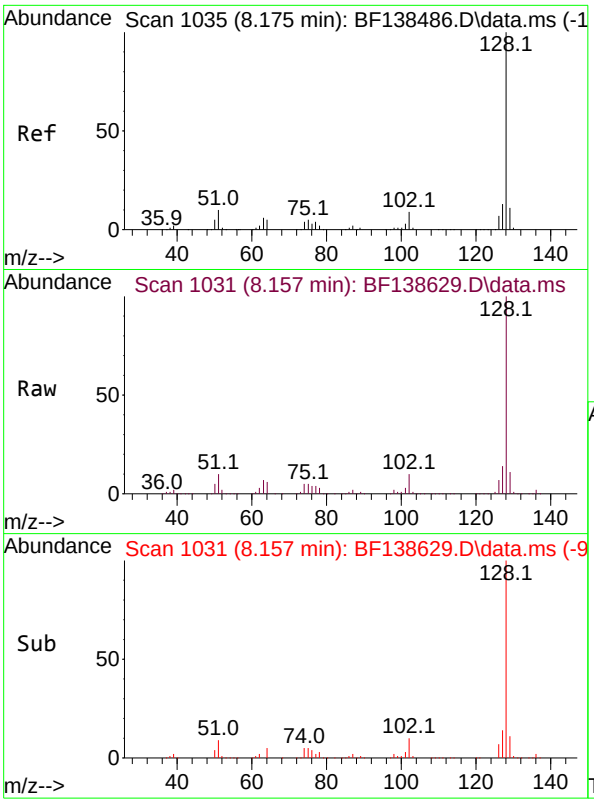


#30
1,2,4-Trichlorobenzene
Concen: 42.995 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:180 Resp: 251380

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.9	115.3
145	32.8	23.9	35.9



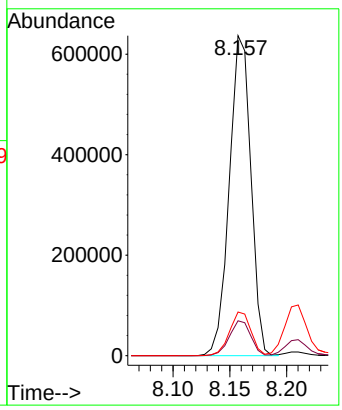


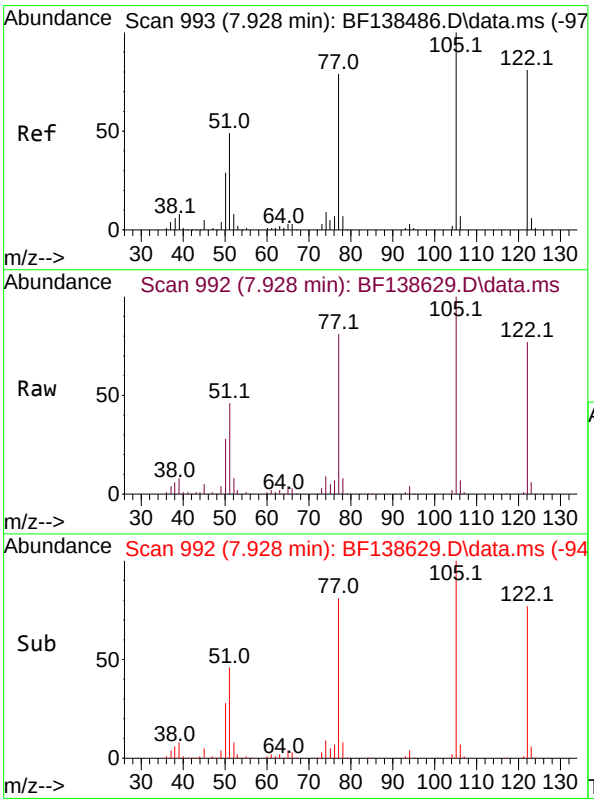
#31
Naphthalene
Concen: 45.561 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:128 Resp: 839958

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.7	10.7	16.1

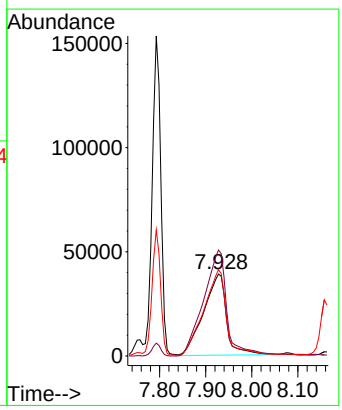


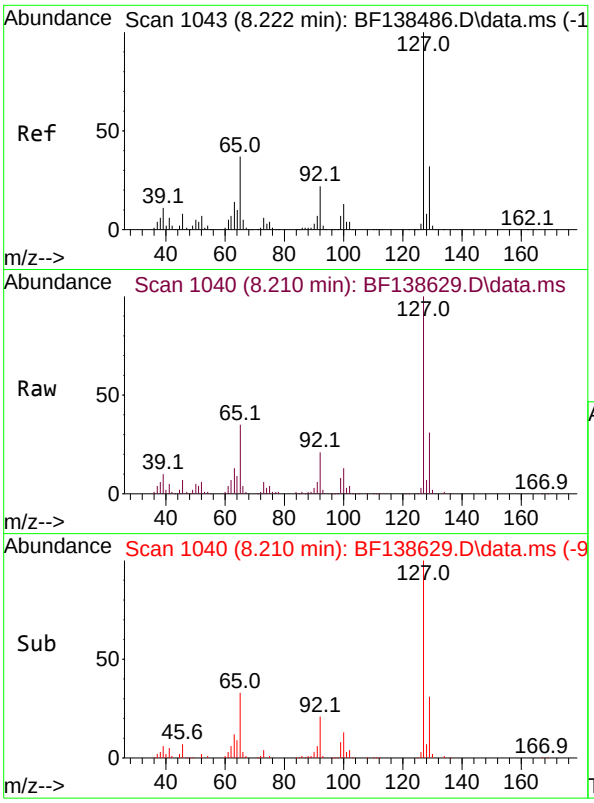


#32
Benzoic acid
Concen: 36.560 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:122 Resp: 134768

Ion	Ratio	Lower	Upper
122	100		
105	129.3	101.5	141.5
77	105.2	77.3	117.3



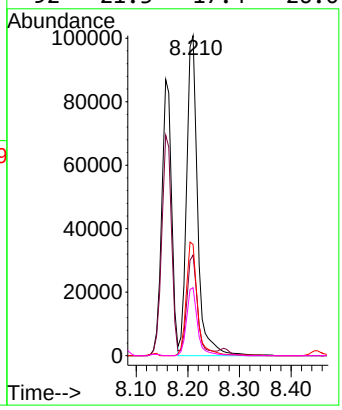


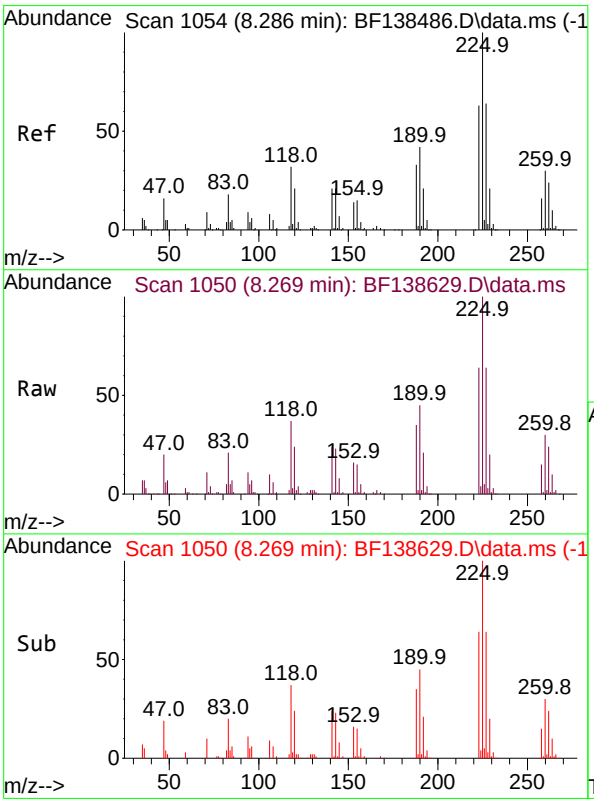
#33
4-Chloroaniline
Concen: 23.159 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:127 Resp: 149803

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.6	38.4
65	34.8	29.6	44.4
92	21.3	17.4	26.0

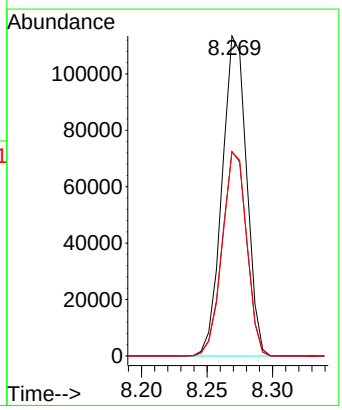


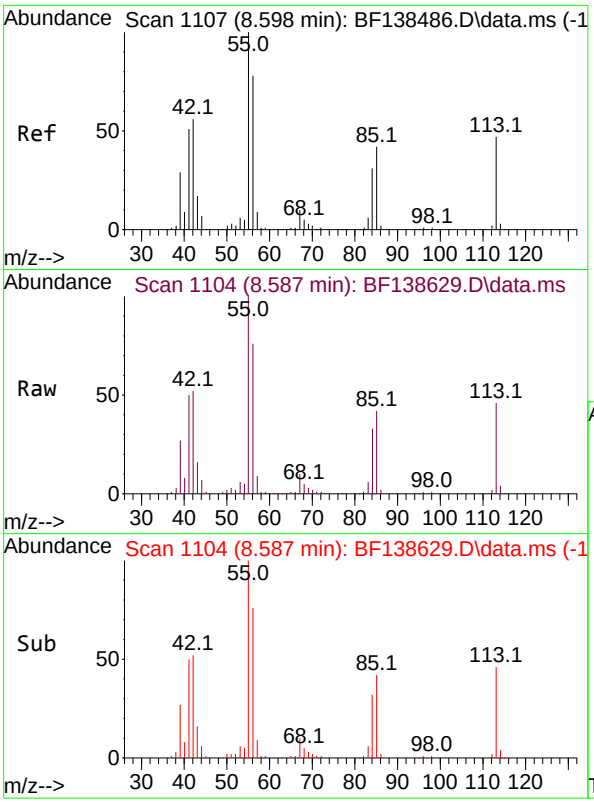


#34
Hexachlorobutadiene
Concen: 40.920 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:225 Resp: 147328

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	63.8	51.0	76.6



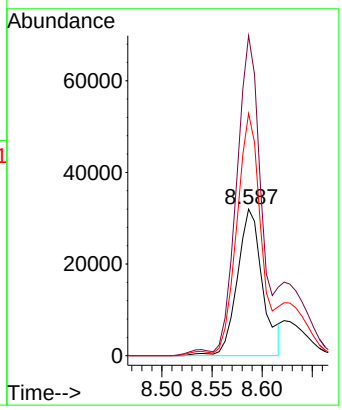


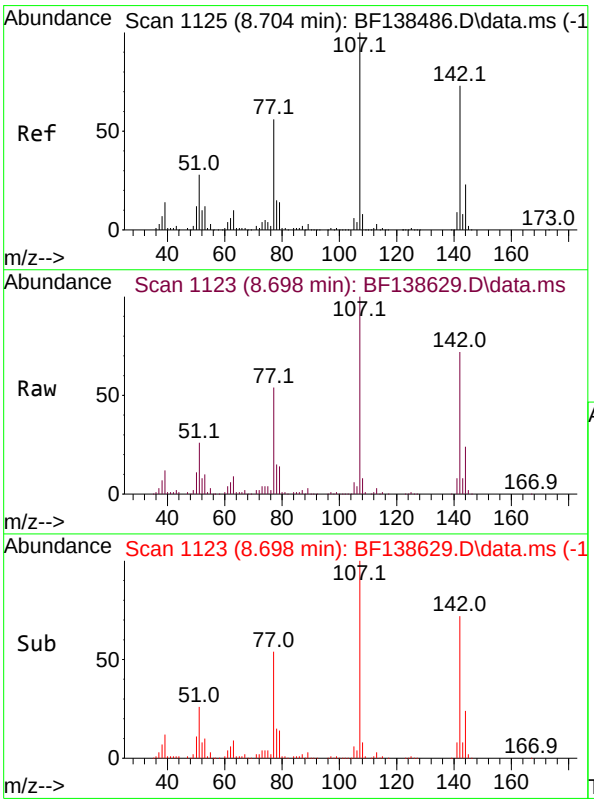
#35
Caprolactam
Concen: 34.553 ng
RT: 8.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:113 Resp: 55961

Ion	Ratio	Lower	Upper
113	100		
55	218.2	192.5	232.5
56	165.2	145.3	185.3

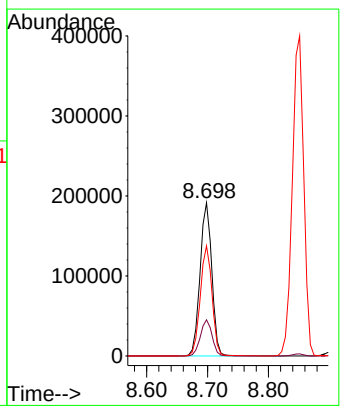


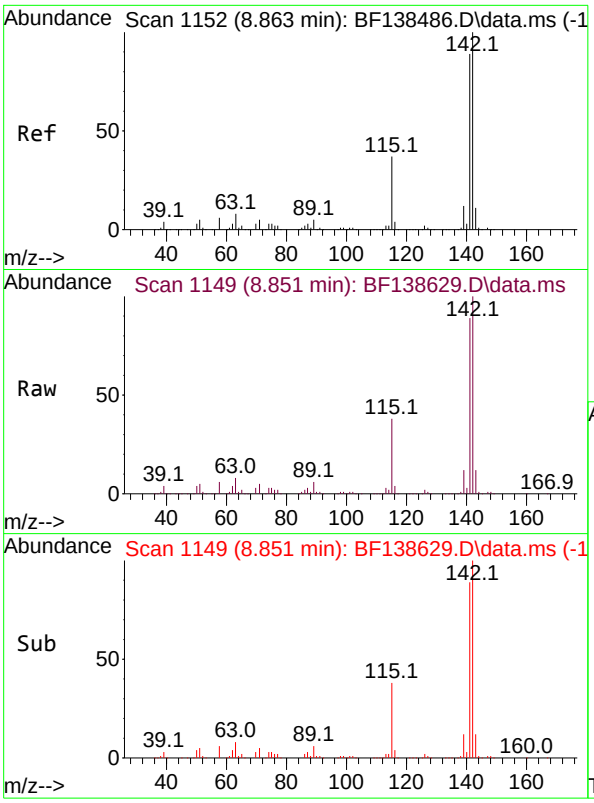


#36
4-Chloro-3-methylphenol
Concen: 45.808 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:107 Resp: 257386

Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.6	27.8
142	71.9	58.6	88.0



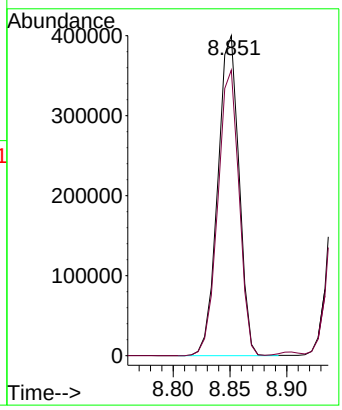


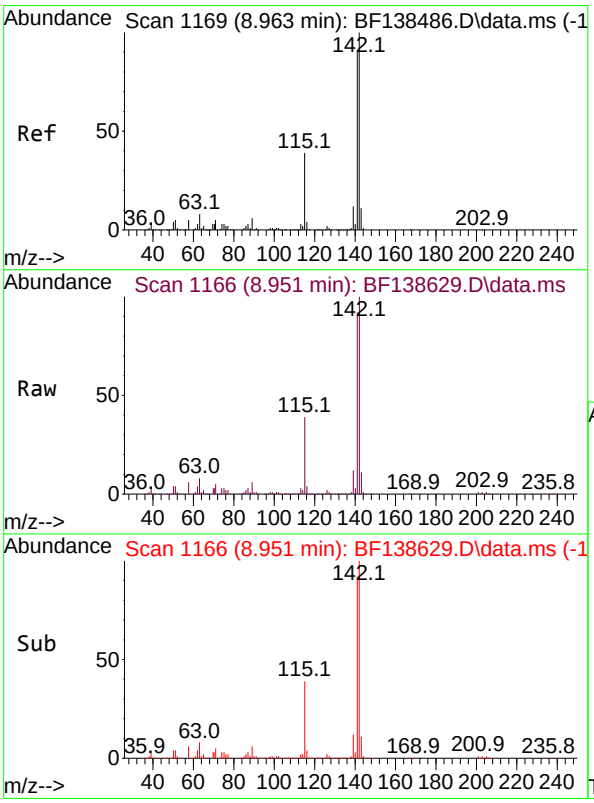
#37
2-Methylnaphthalene
Concen: 43.894 ng
RT: 8.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:142 Resp: 520752

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0

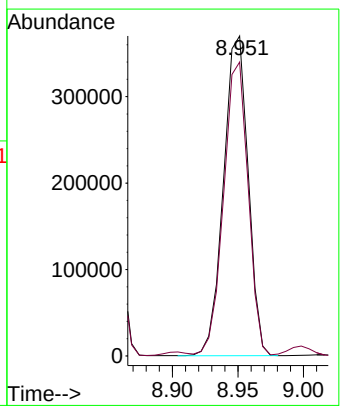


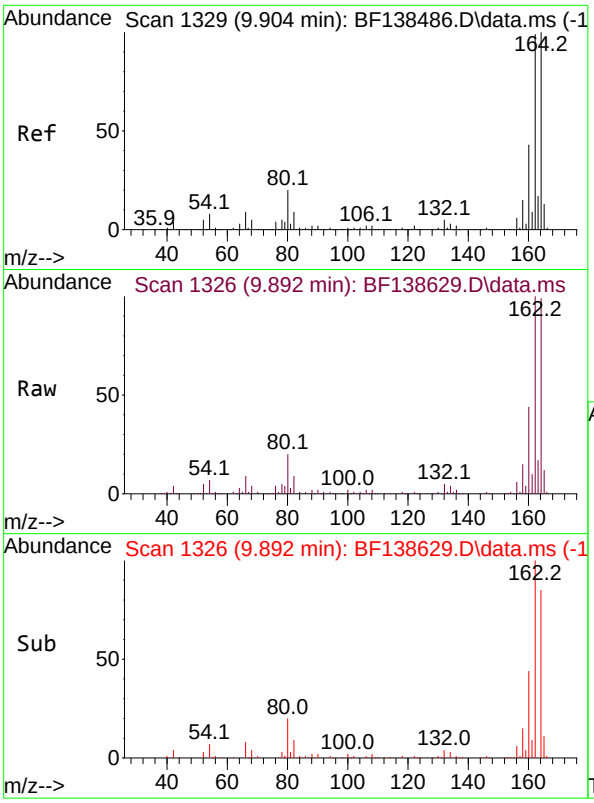


#38
1-Methylnaphthalene
Concen: 41.732 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:142 Resp: 483195

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8



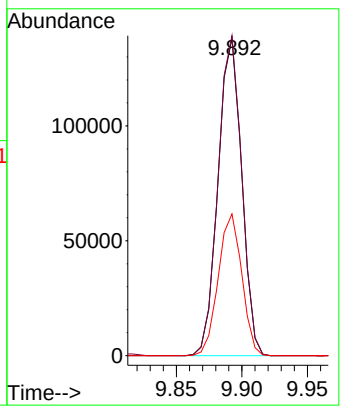


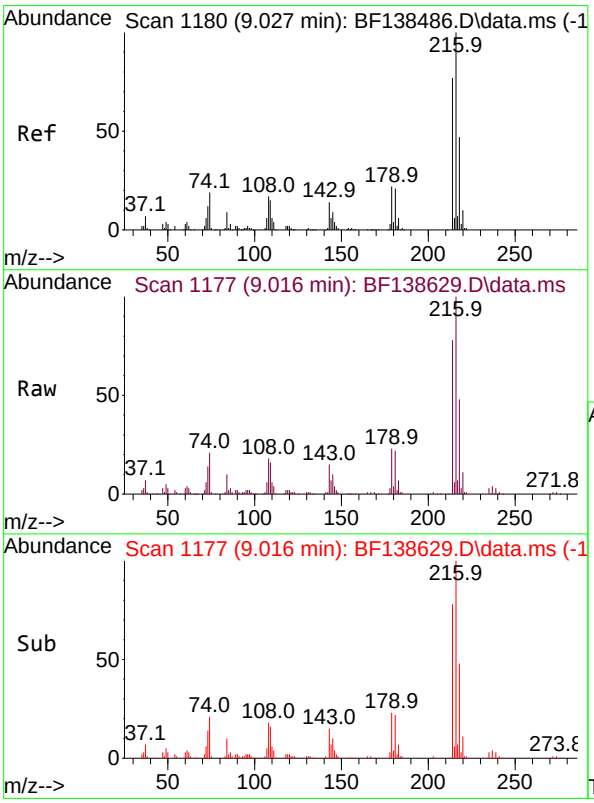
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:164 Resp: 172809

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.0	118.6
160	44.7	34.4	51.6

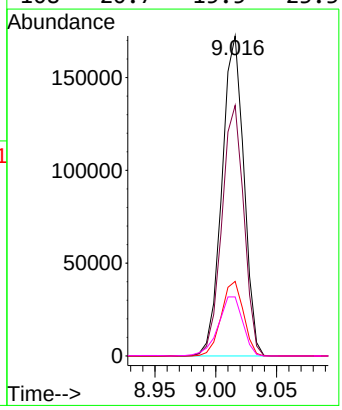


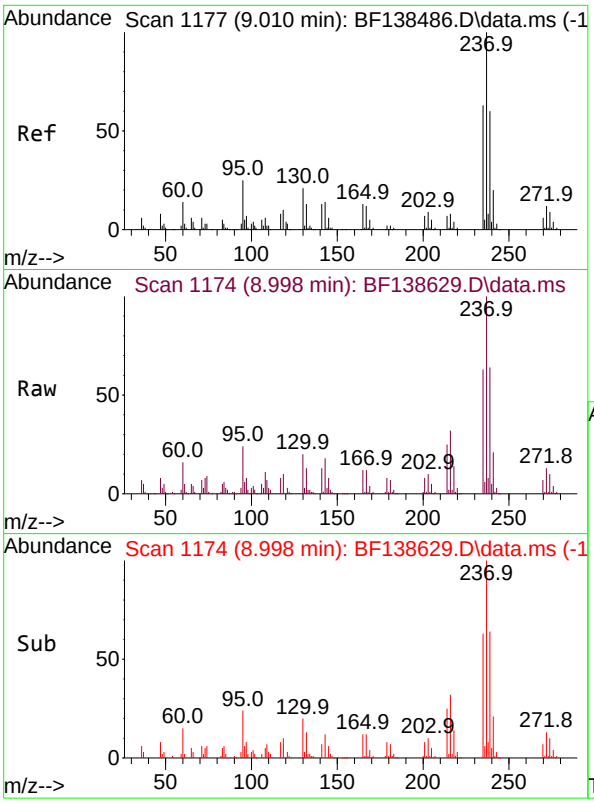


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.880 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:216 Resp: 216156

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	23.6	17.7	26.5
108	20.7	15.5	23.3



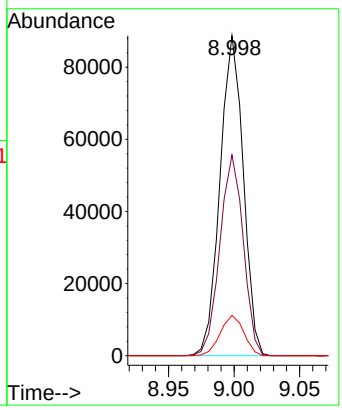


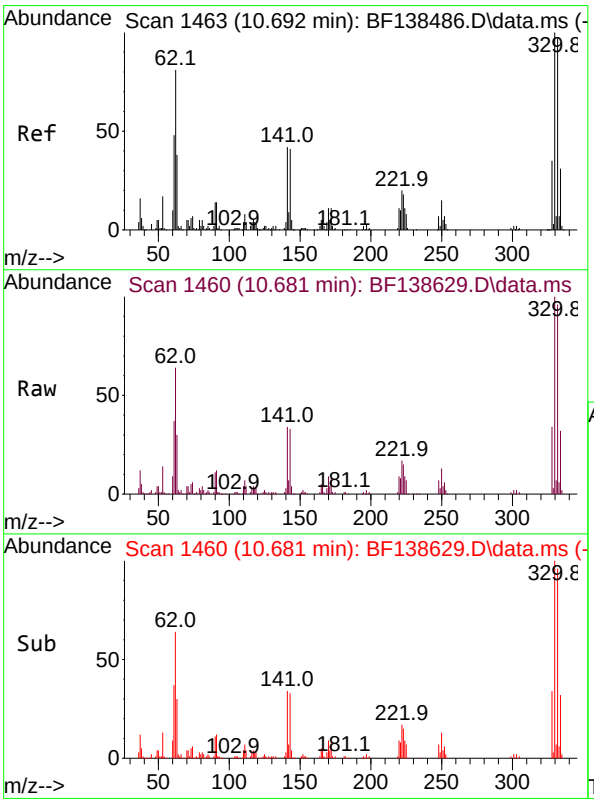
#41
Hexachlorocyclopentadiene
Concen: 70.026 ng
RT: 8.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:237 Resp: 109471

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.3	83.3
272	12.6	0.0	32.3

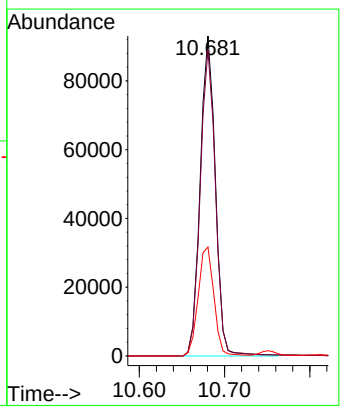


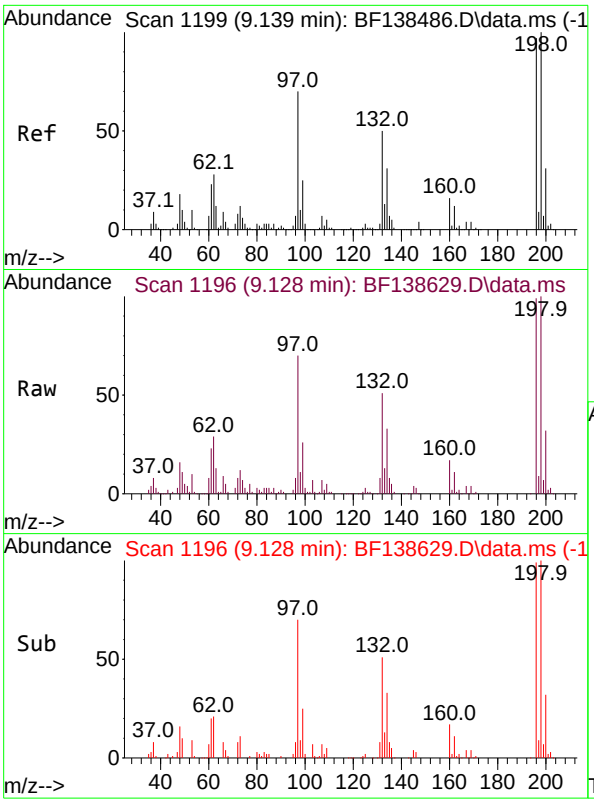


#42
2,4,6-Tribromophenol
Concen: 71.277 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:330 Resp: 115117

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	35.4	29.4	44.2



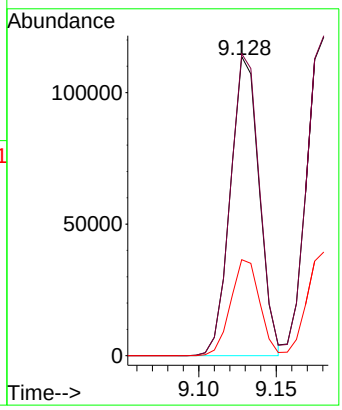


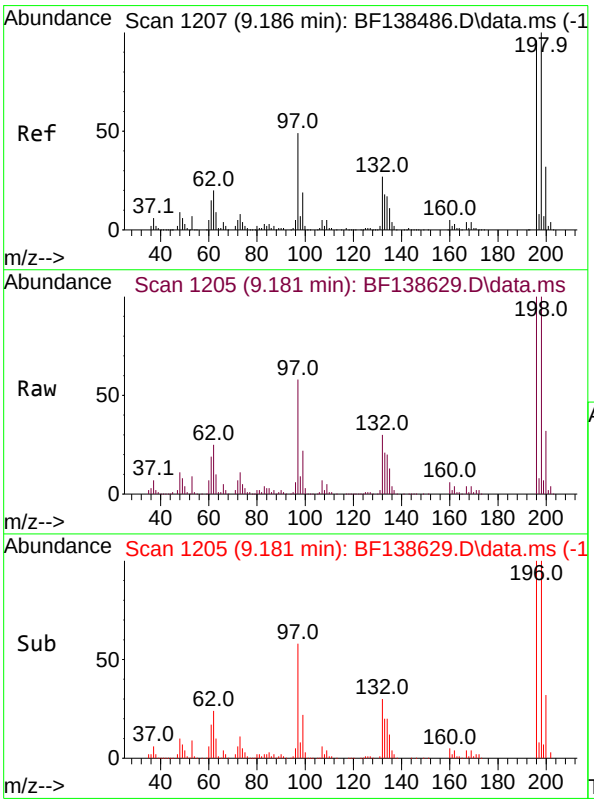
#43
2,4,6-Trichlorophenol
Concen: 47.863 ng
RT: 9.128 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:196 Resp: 147046

Ion	Ratio	Lower	Upper
196	100		
198	101.0	82.3	123.5
200	32.1	25.8	38.6

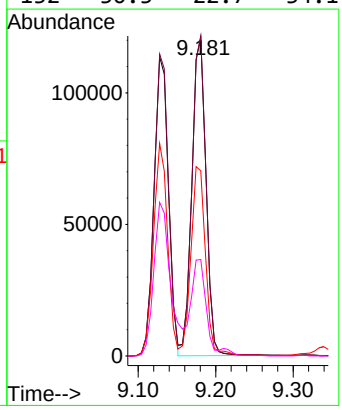


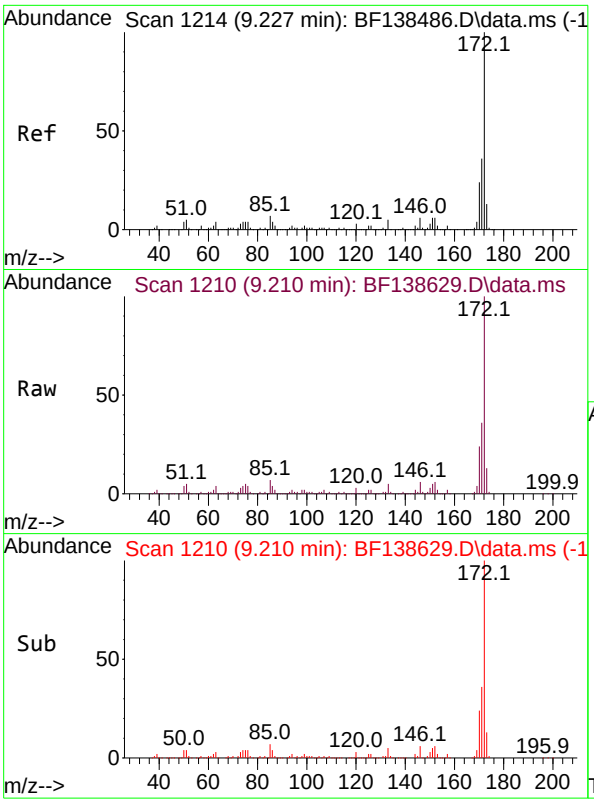


#44
2,4,5-Trichlorophenol
Concen: 45.316 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:196 Resp: 153125

Ion	Ratio	Lower	Upper
196	100		
198	100.4	82.8	124.2
97	58.1	41.0	61.4
132	30.3	22.7	34.1



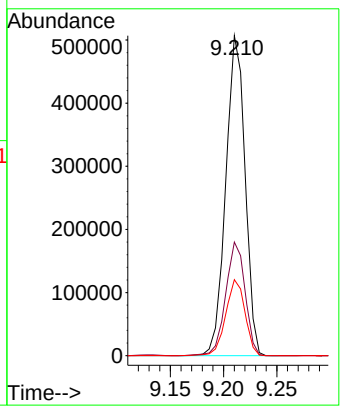


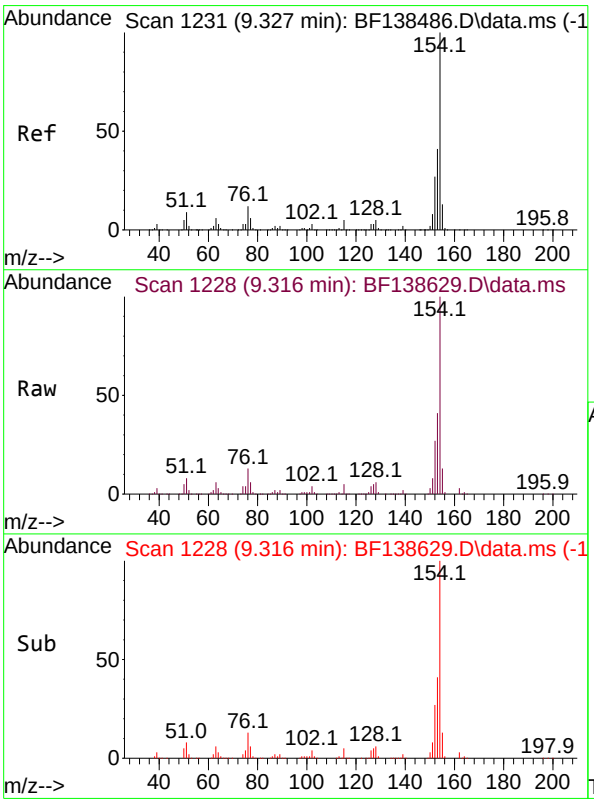
#45
2-Fluorobiphenyl
Concen: 57.806 ng
RT: 9.210 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:172 Resp: 639151

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.7	18.9	28.3

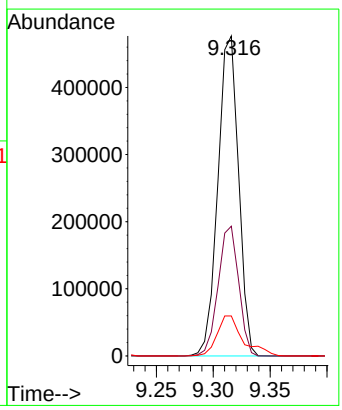


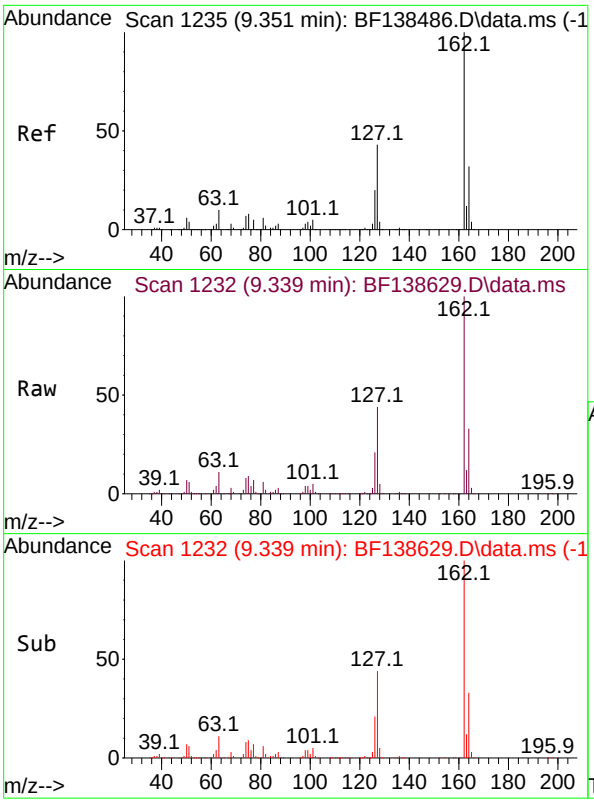


#46
1,1'-Biphenyl
Concen: 46.104 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:154 Resp: 603790

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.5	0.0	32.2



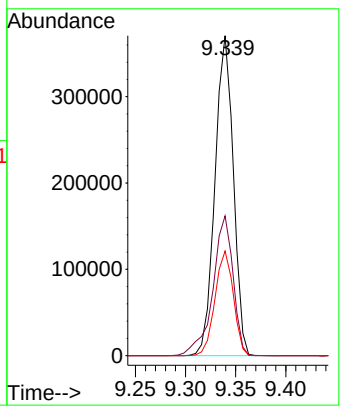


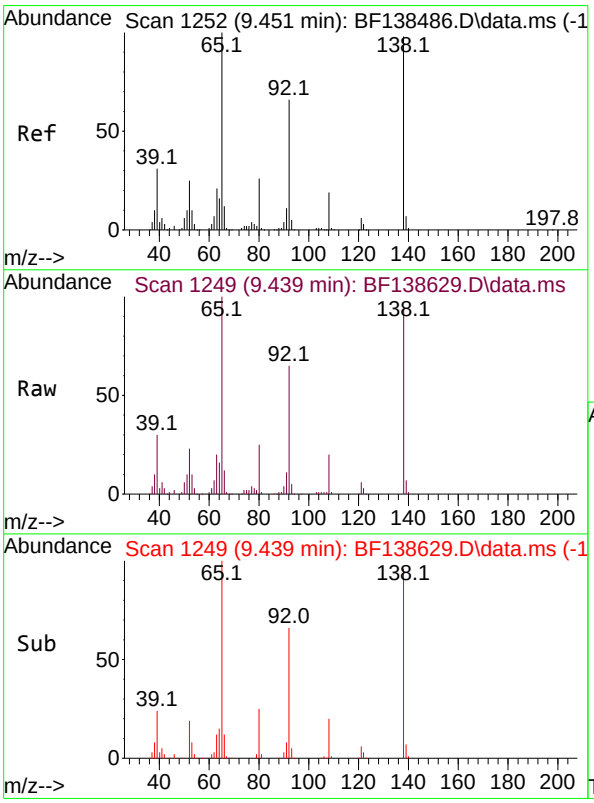
#47
2-Chloronaphthalene
Concen: 47.644 ng
RT: 9.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:162 Resp: 471374

Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.8	52.2
164	32.7	25.6	38.4

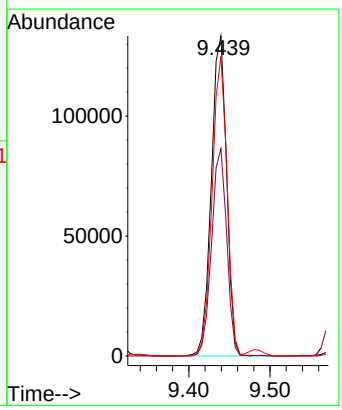


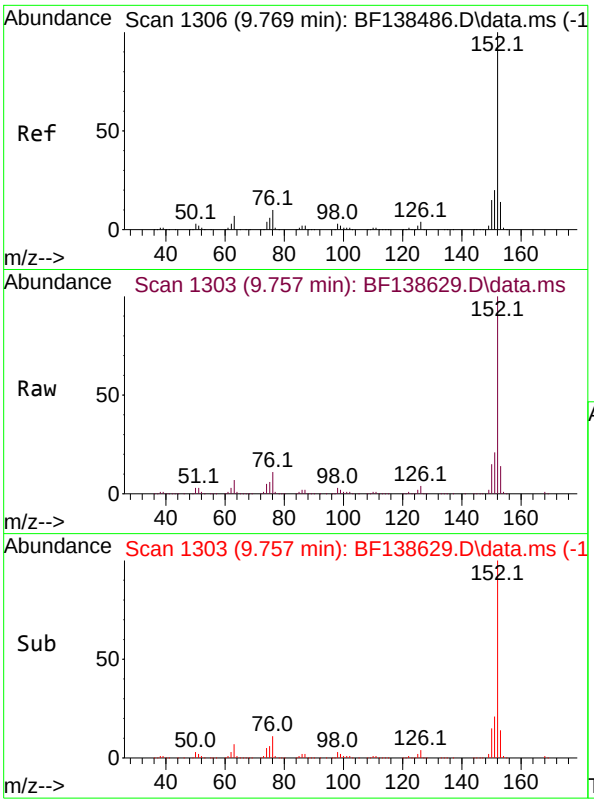


#48
2-Nitroaniline
Concen: 50.897 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion: 65 Resp: 174497

Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.6	78.8
138	93.6	78.6	118.0



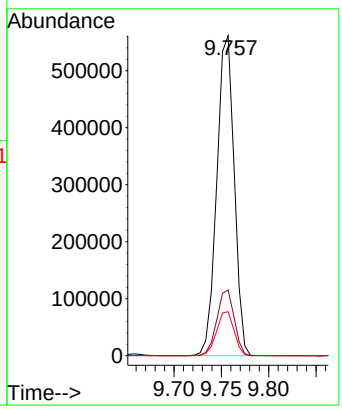


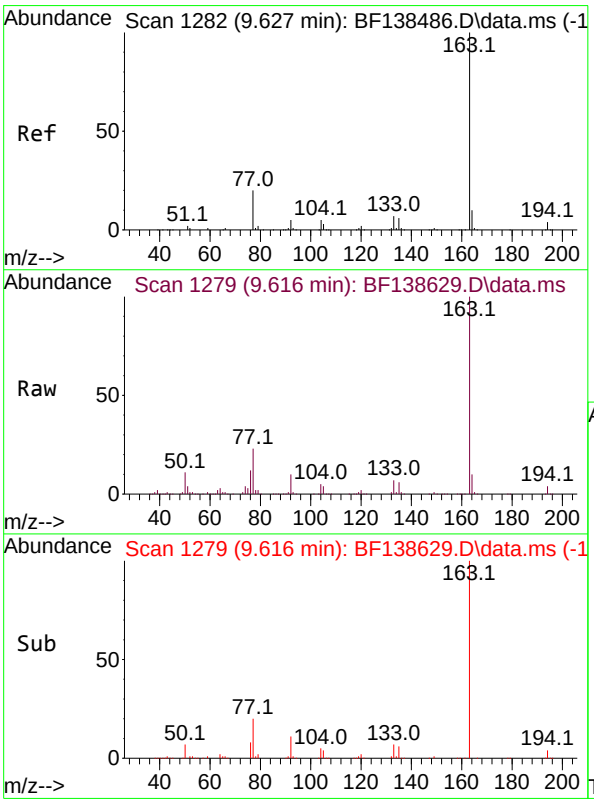
#49
Acenaphthylene
Concen: 51.218 ng
RT: 9.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:152 Resp: 719448

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.8	11.3	16.9

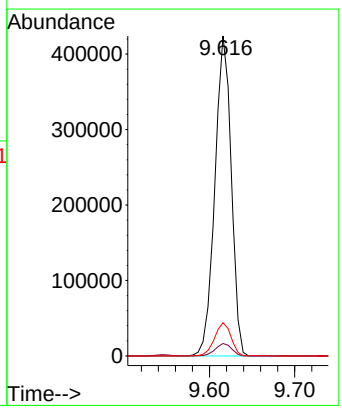


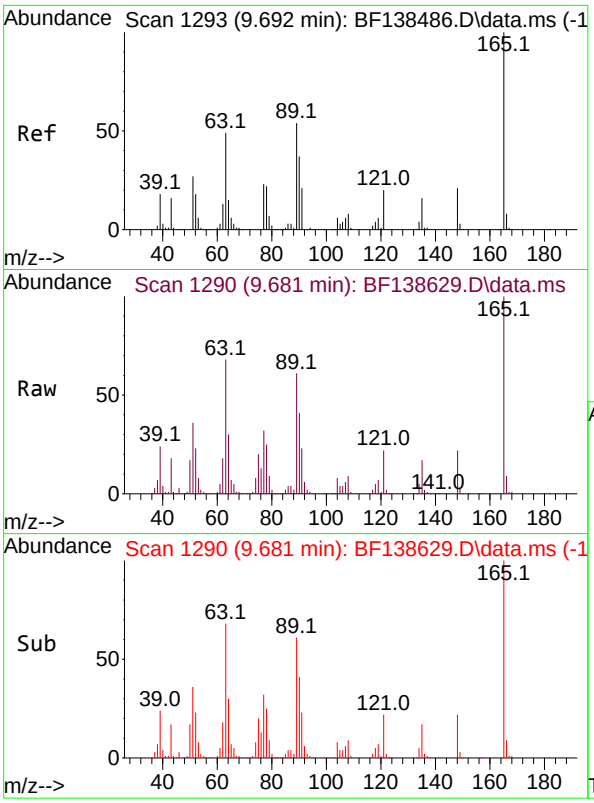


#50
Dimethylphthalate
Concen: 50.663 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:163 Resp: 566120

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.1	12.1



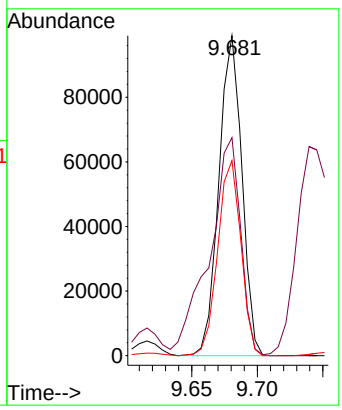


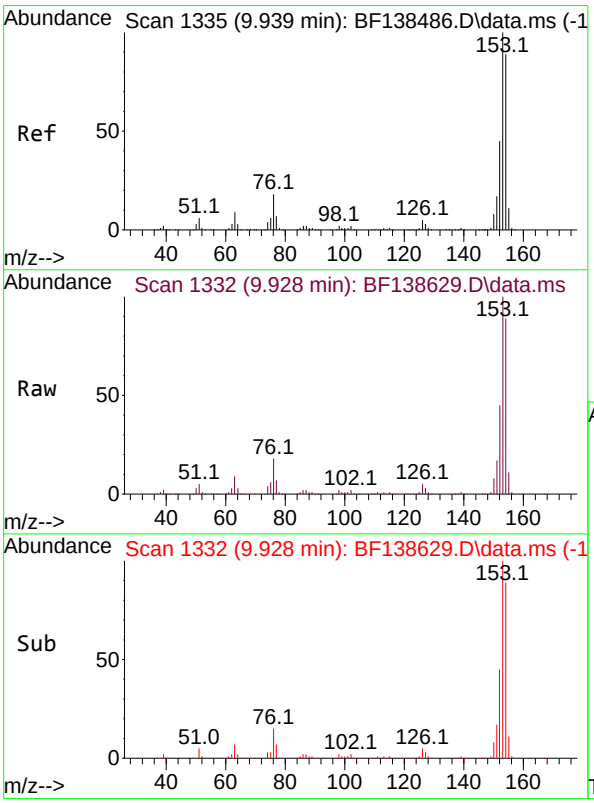
#51
2,6-Dinitrotoluene
Concen: 46.873 ng
RT: 9.681 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:165 Resp: 120595

Ion	Ratio	Lower	Upper
165	100		
63	68.2	48.1	72.1
89	61.0	43.0	64.6

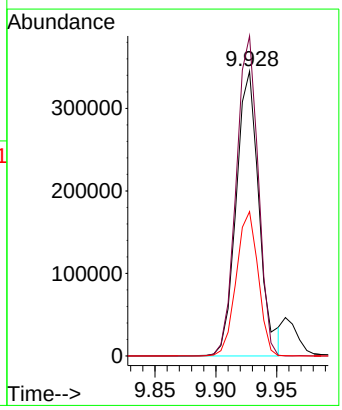


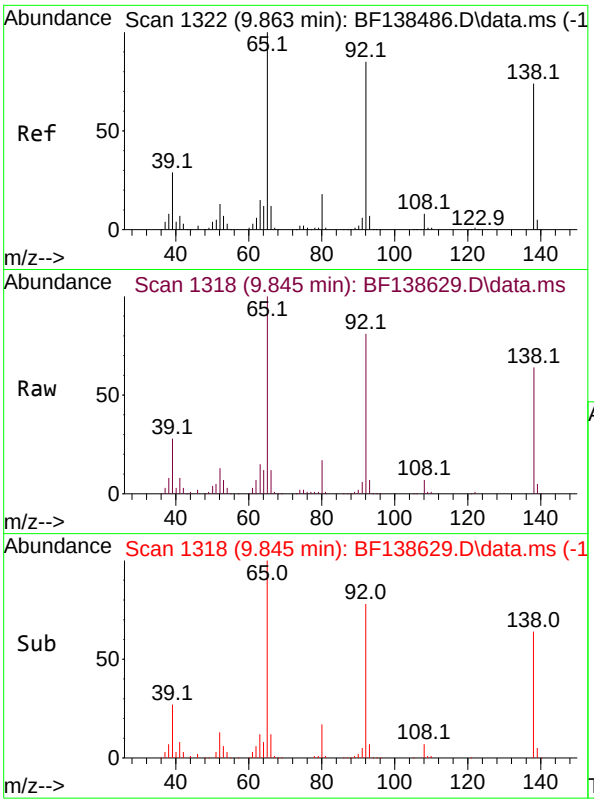


#52
Acenaphthene
Concen: 48.446 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:154 Resp: 452347

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.4	135.6
152	50.7	41.1	61.7



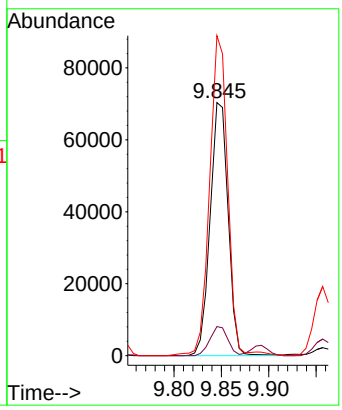


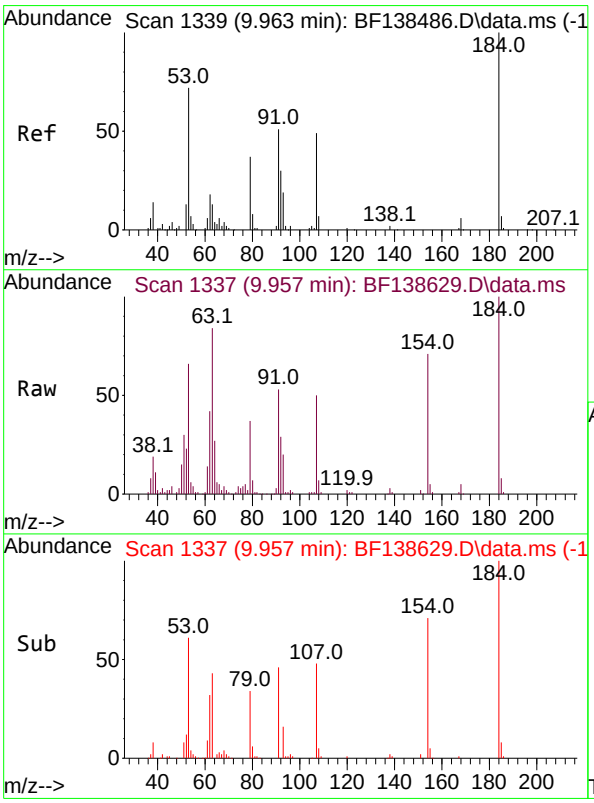
#53
3-Nitroaniline
Concen: 35.260 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:138 Resp: 92979

Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.3	12.5
92	126.4	92.6	138.8

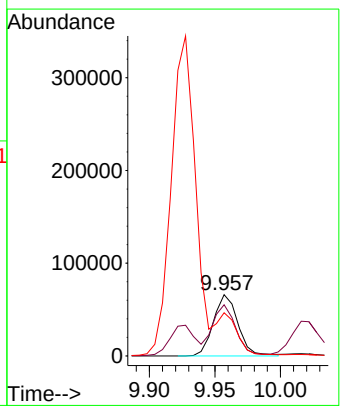


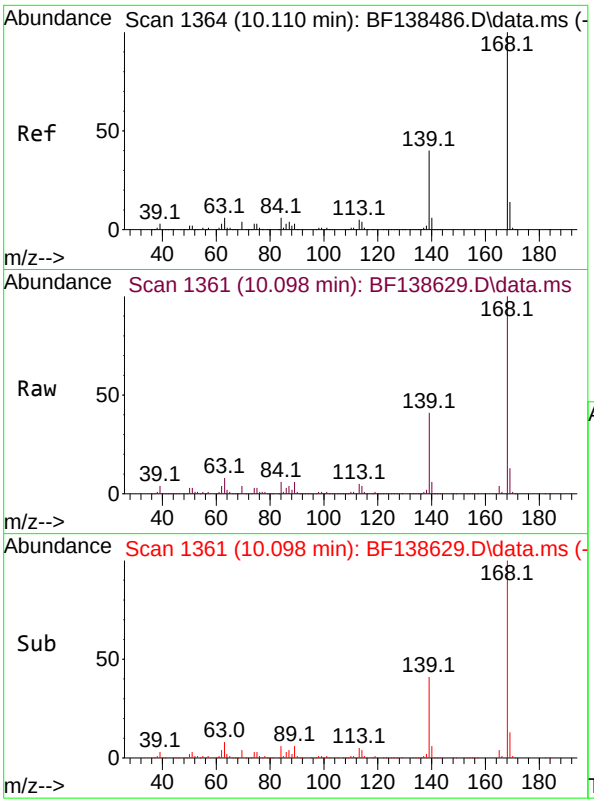


#54
2,4-Dinitrophenol
Concen: 63.386 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:184 Resp: 86102

Ion	Ratio	Lower	Upper
184	100		
63	83.6	70.6	106.0
154	70.6	53.8	80.6



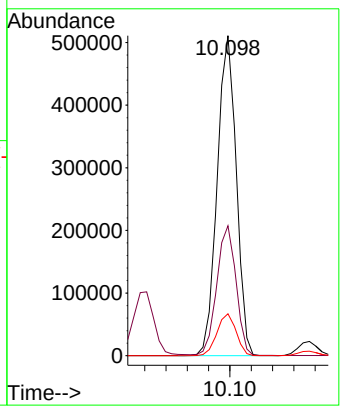


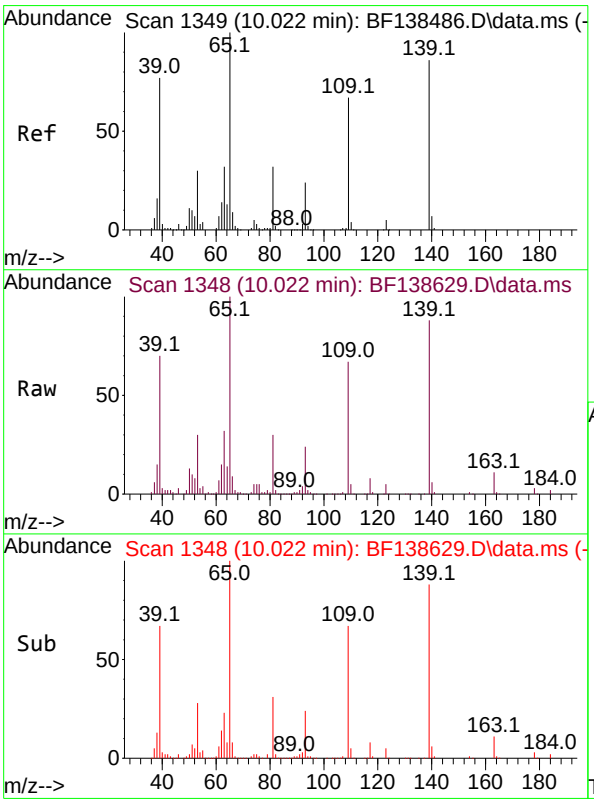
#55
Dibenzofuran
Concen: 46.847 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:168 Resp: 634449

Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.4	48.6
169	13.1	10.9	16.3

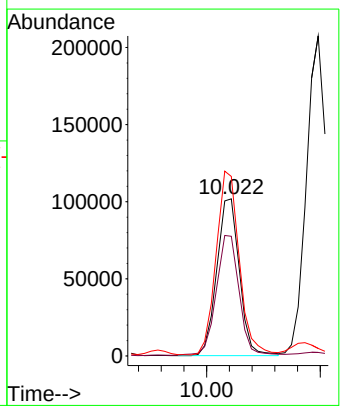


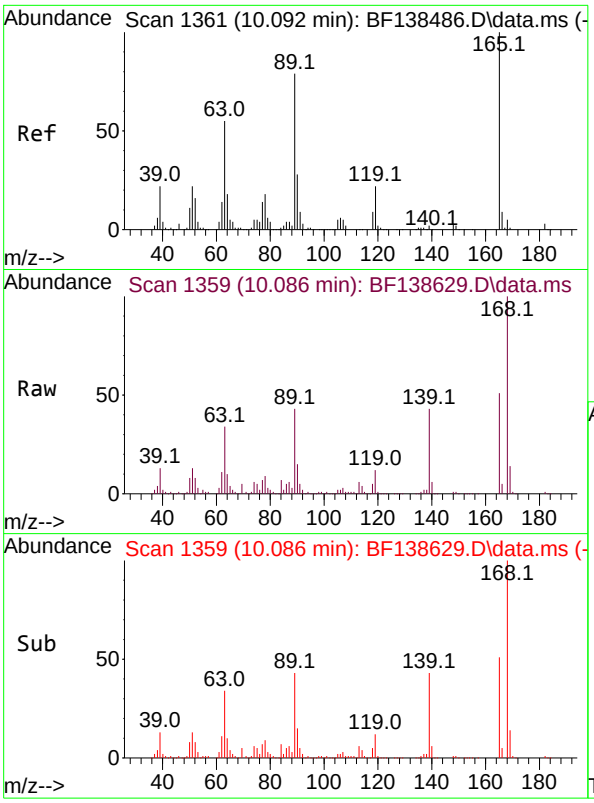


#56
4-Nitrophenol
Concen: 72.457 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:139 Resp: 140979

Ion	Ratio	Lower	Upper
139	100		
109	76.2	58.1	98.1
65	114.2	96.9	136.9



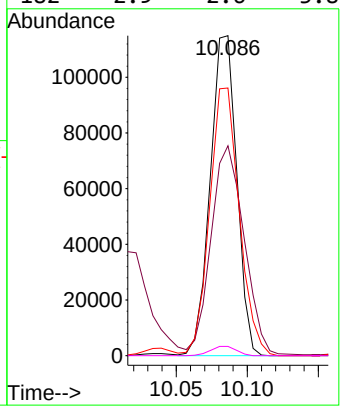


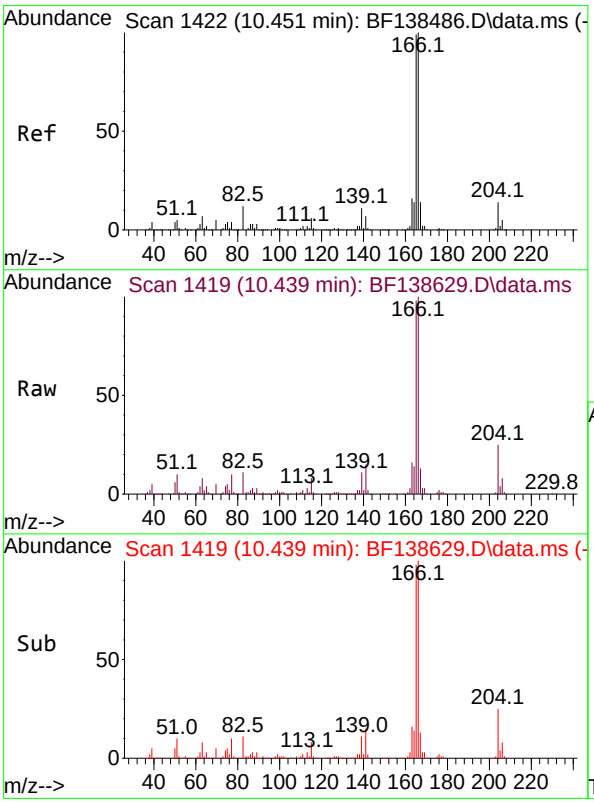
#57
2,4-Dinitrotoluene
Concen: 44.906 ng
RT: 10.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:165 Resp: 149487

Ion	Ratio	Lower	Upper
165	100		
63	65.6	44.6	66.8
89	83.7	63.4	95.2
182	2.9	2.6	3.8

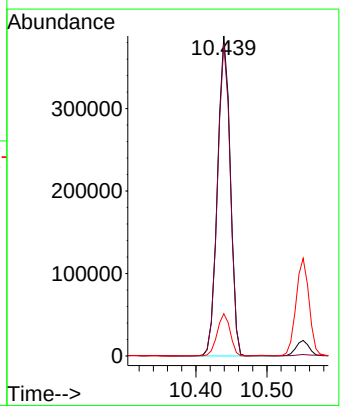


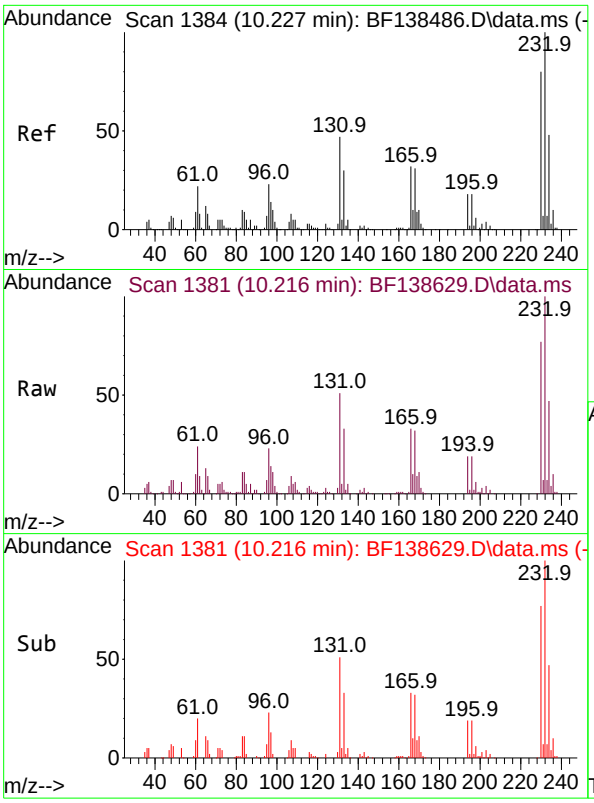


#58
Fluorene
Concen: 45.107 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:166 Resp: 483369

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	13.2	11.0	16.6



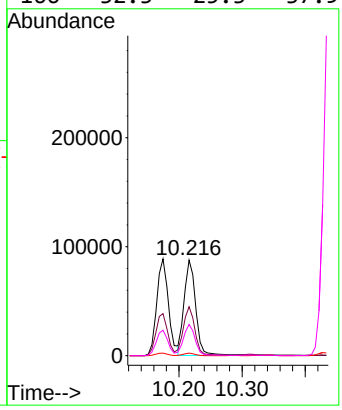


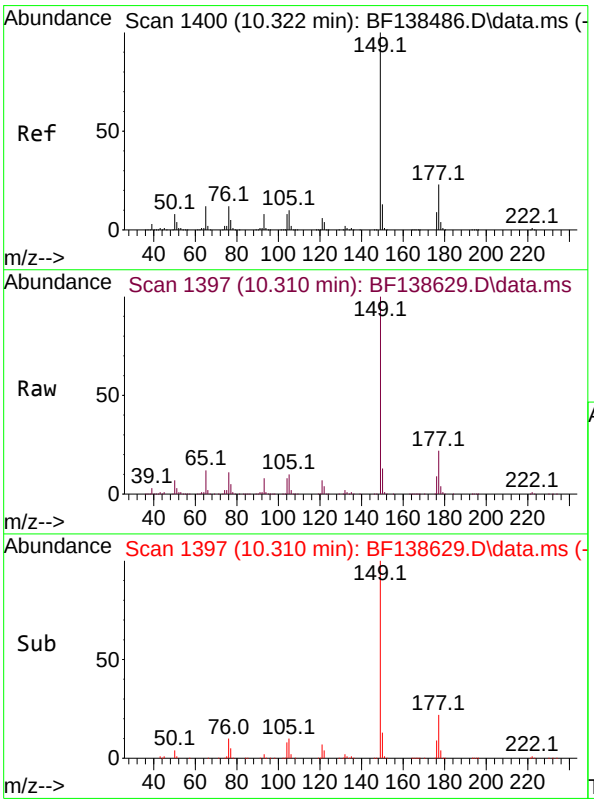
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.102 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:232 Resp: 112276

Ion	Ratio	Lower	Upper
232	100		
131	50.6	37.5	56.3
130	2.6	2.0	3.0
166	32.3	25.3	37.9

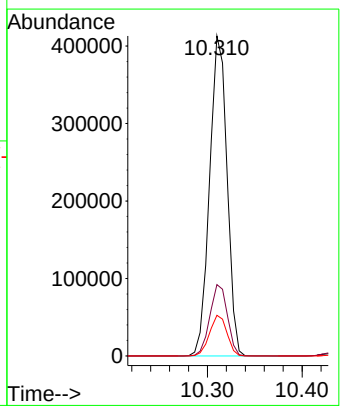


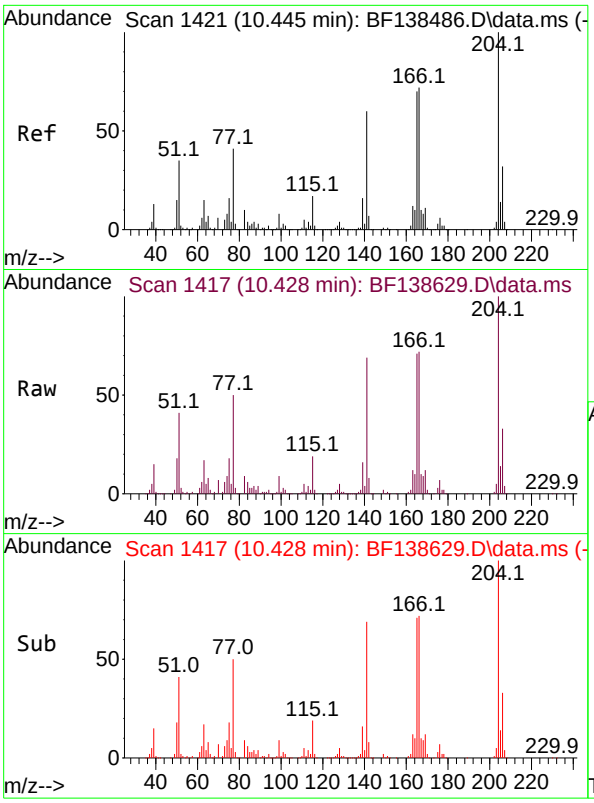


#60
Diethylphthalate
Concen: 48.984 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:149 Resp: 527672

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.5	27.7
150	12.7	10.3	15.5



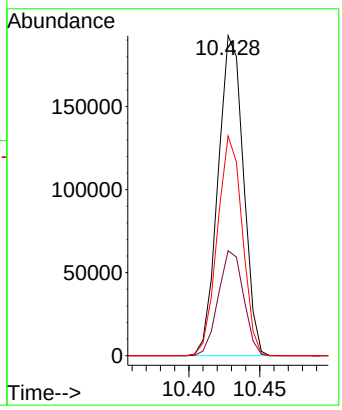


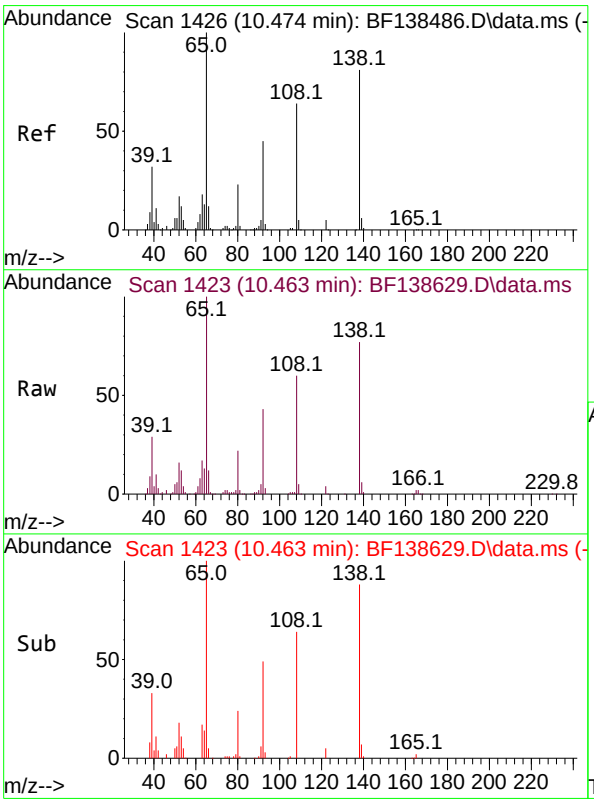
#61
4-Chlorophenyl-phenylether
Concen: 44.486 ng
RT: 10.428 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:204 Resp: 239377

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	68.7	47.7	71.5

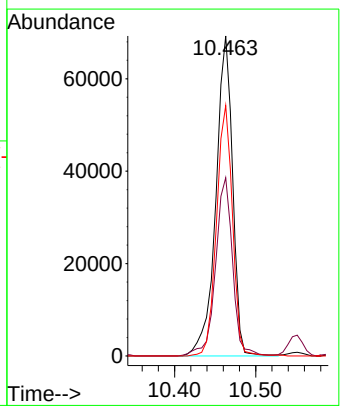


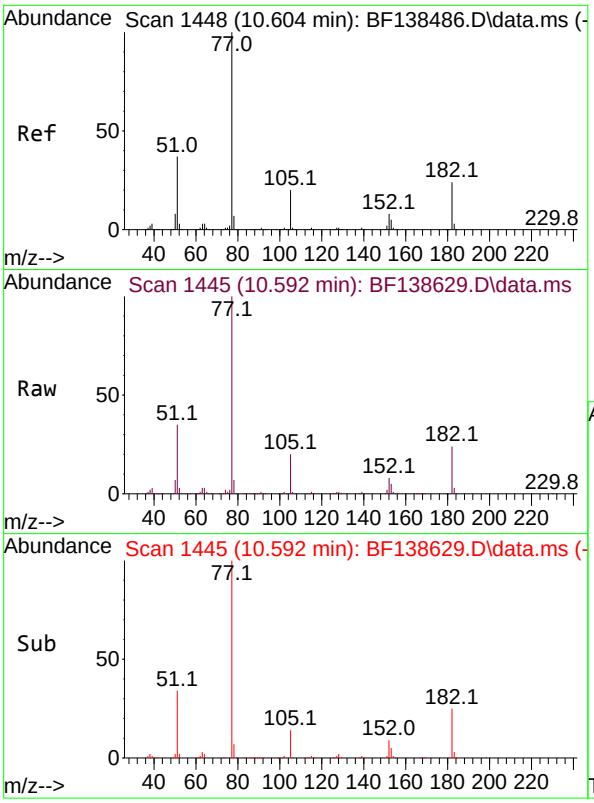


#62
4-Nitroaniline
Concen: 37.756 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:138 Resp: 99768

Ion	Ratio	Lower	Upper
138	100		
92	55.7	35.8	75.8
108	78.3	59.8	99.8



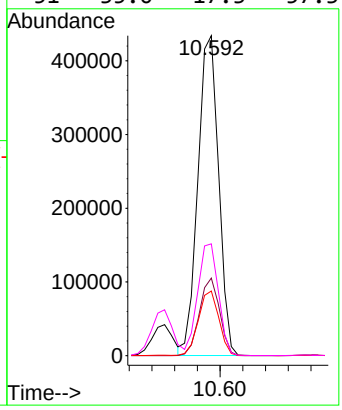


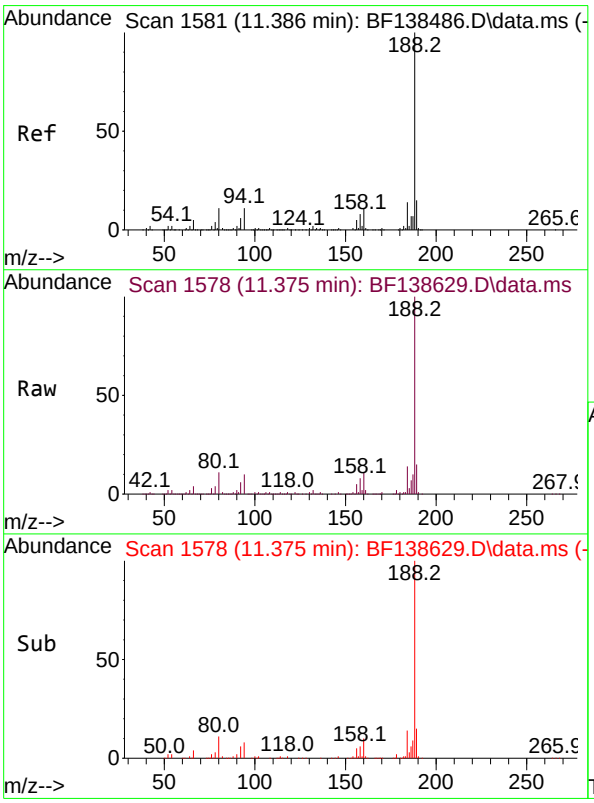
#63
Azobenzene
Concen: 47.319 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion: 77 Resp: 548038

Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.8	43.8
105	20.2	0.0	39.8
51	35.0	17.3	57.3

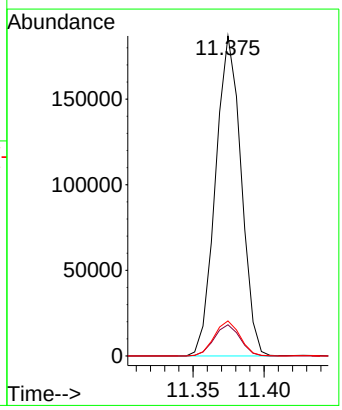


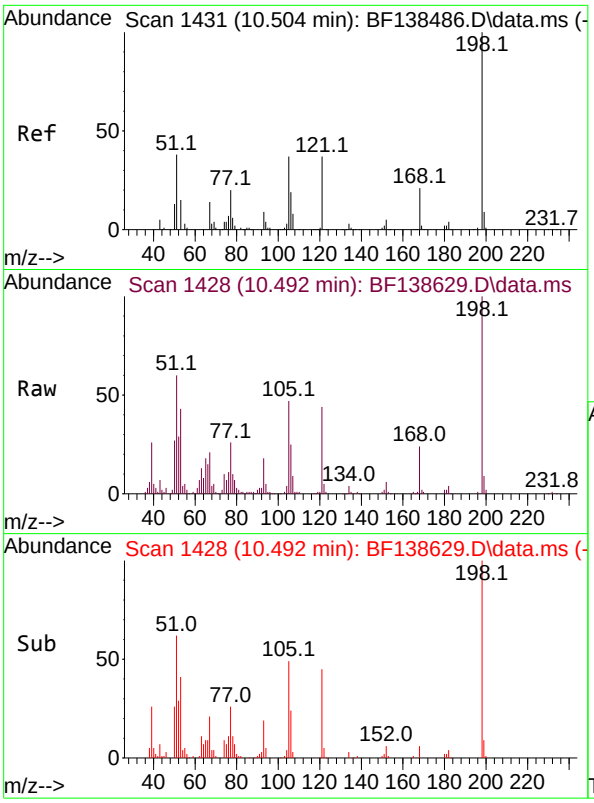


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:188 Resp: 234304

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	10.9	9.0	13.4



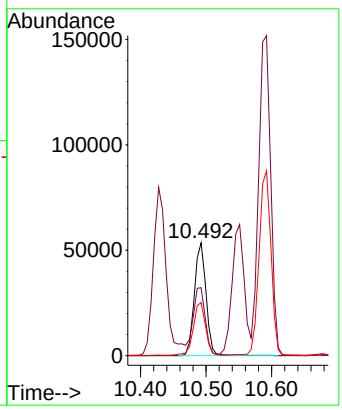


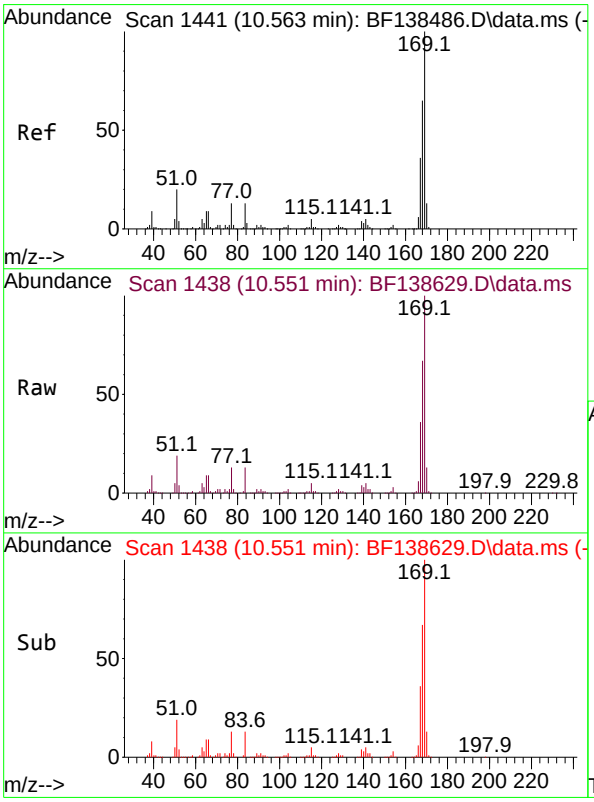
#65
4,6-Dinitro-2-methylphenol
Concen: 49.233 ng
RT: 10.492 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:198 Resp: 66607

Ion	Ratio	Lower	Upper
198	100		
51	60.3	27.2	67.2
105	47.0	18.5	58.5

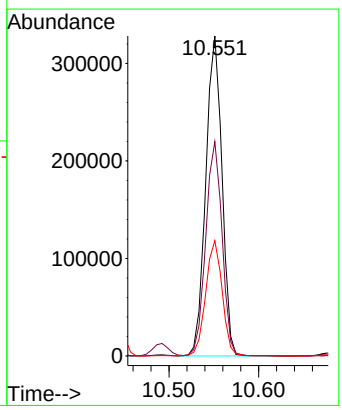


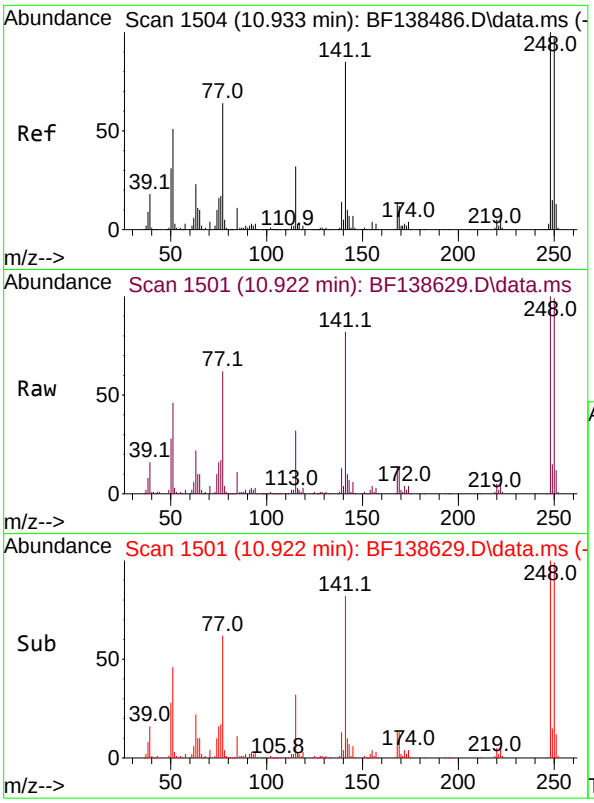


#66
n-Nitrosodiphenylamine
Concen: 58.624 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:169 Resp: 411536

Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.7	77.5
167	36.1	28.5	42.7



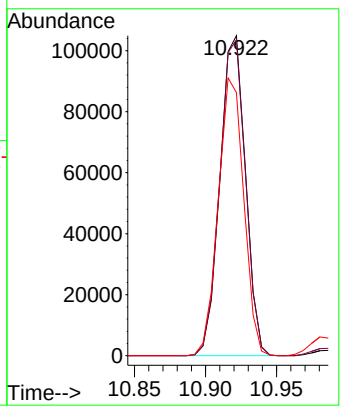


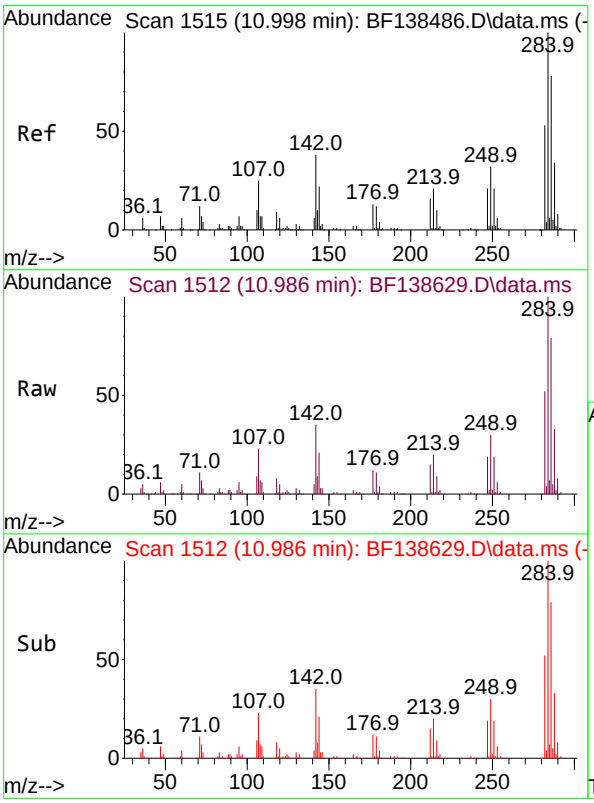
#67
4-Bromophenyl-phenylether
Concen: 54.360 ng
RT: 10.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:248 Resp: 130911

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.9	116.9
141	82.2	67.7	101.5

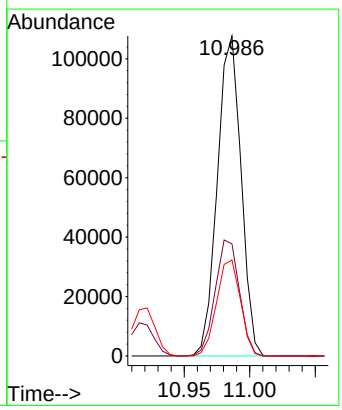


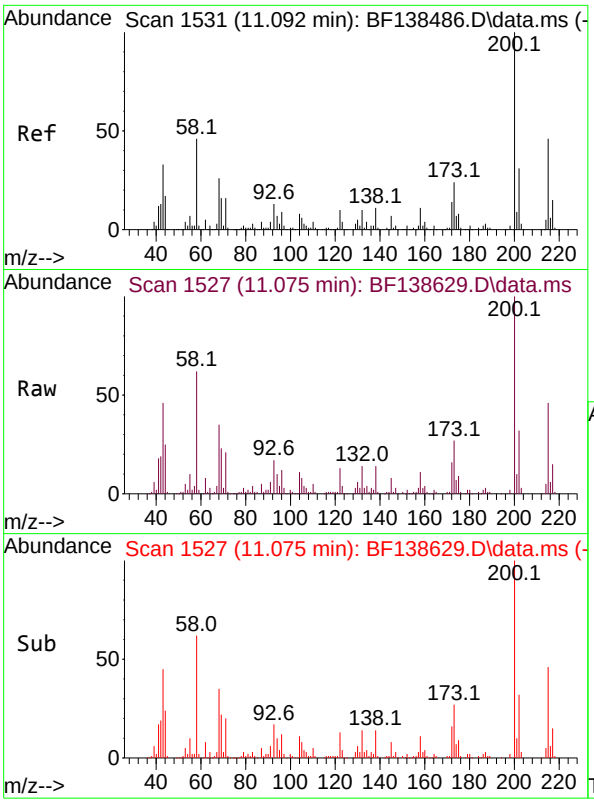


#68
Hexachlorobenzene
Concen: 50.582 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:284 Resp: 135325

Ion	Ratio	Lower	Upper
284	100		
142	35.1	30.5	45.7
249	30.0	25.9	38.9



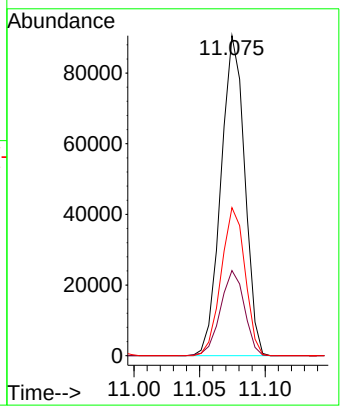


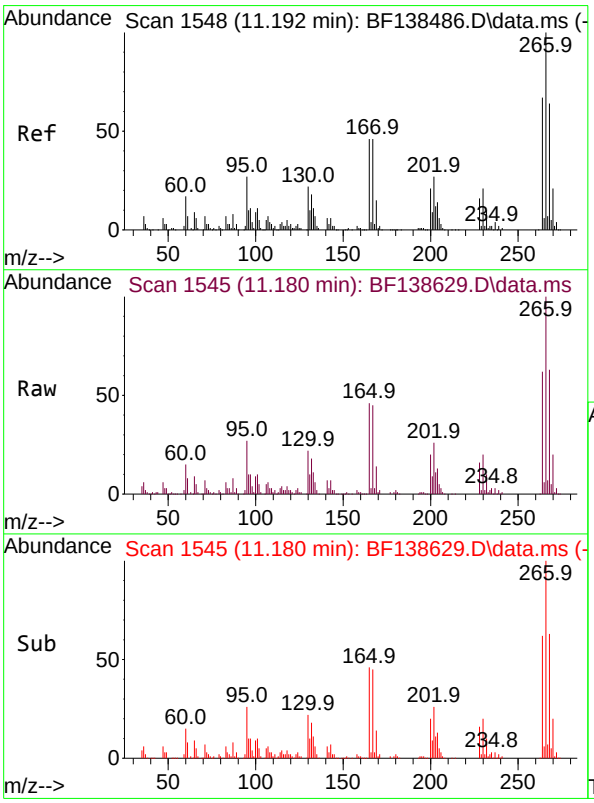
#69
Atrazine
Concen: 49.043 ng
RT: 11.075 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:200 Resp: 114143

Ion	Ratio	Lower	Upper
200	100		
173	26.6	4.1	44.1
215	46.3	26.5	66.5

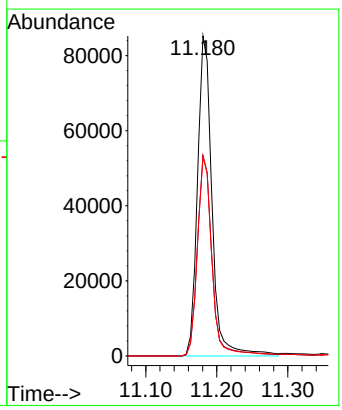


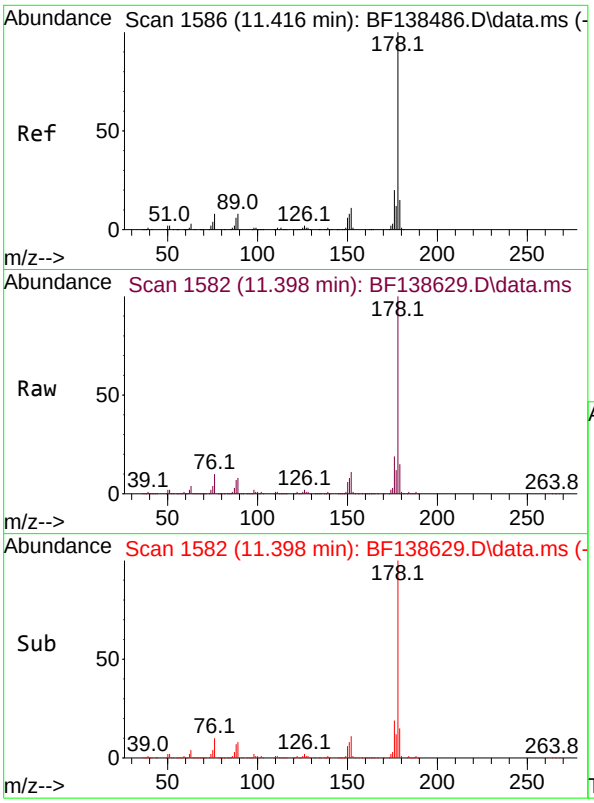


#70
Pentachlorophenol
Concen: 76.666 ng
RT: 11.180 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:266 Resp: 121367

Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.9	76.3
264	62.3	53.5	80.3



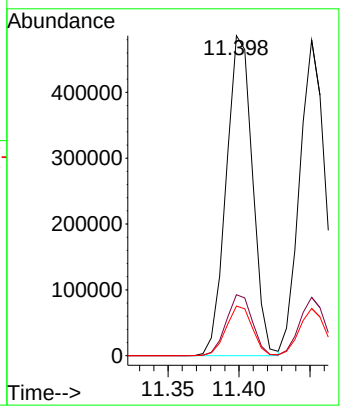


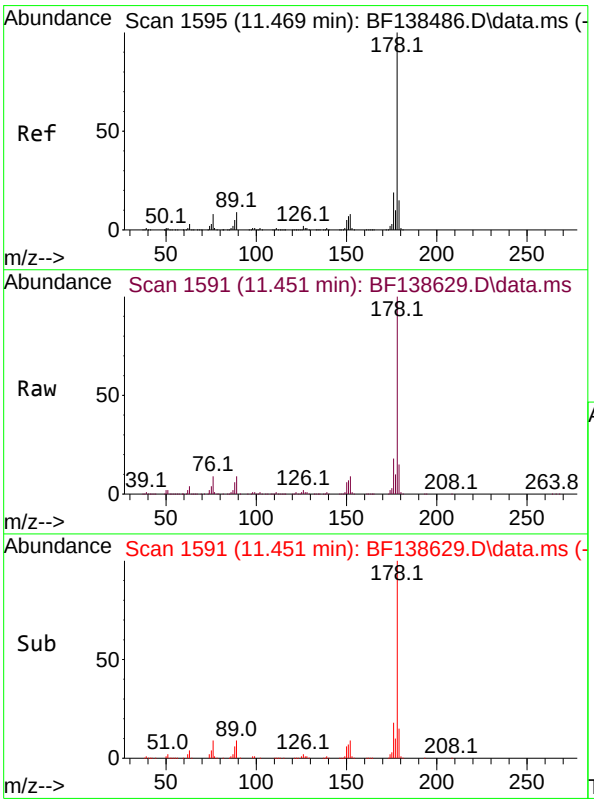
#71
Phenanthrene
Concen: 52.818 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:178 Resp: 625219

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.5	12.2	18.2

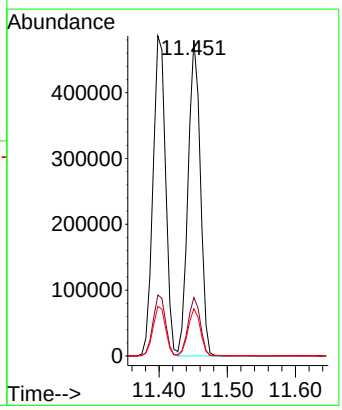


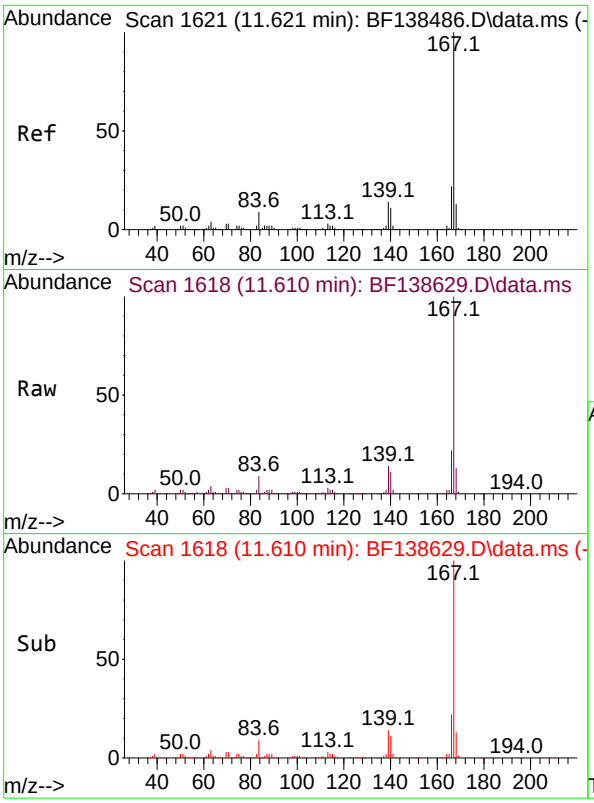


#72
Anthracene
Concen: 50.388 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:178 Resp: 592080

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.9	12.2	18.4



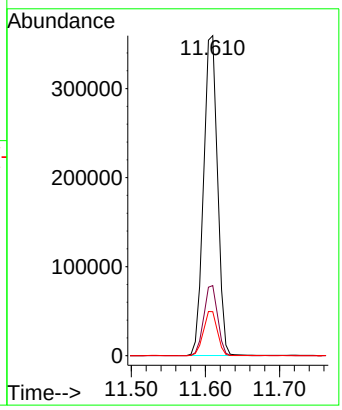


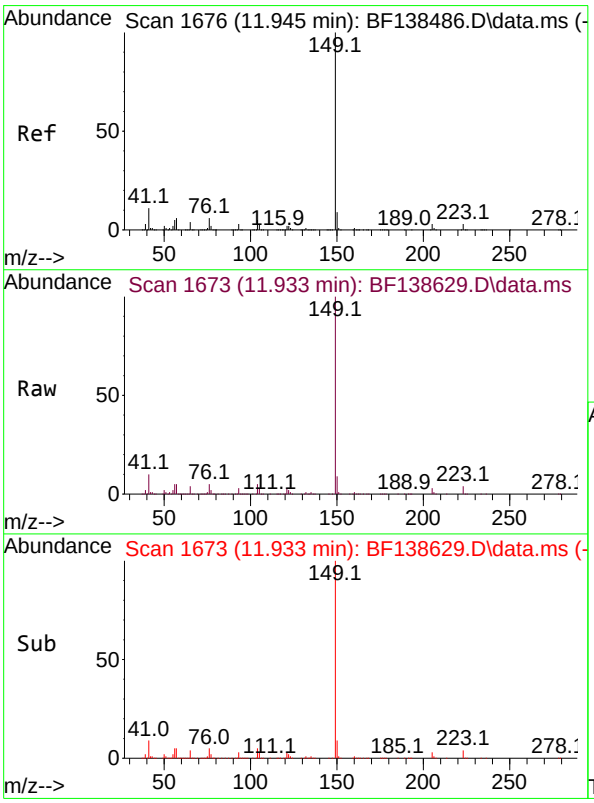
#73
Carbazole
Concen: 44.568 ng
RT: 11.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:167 Resp: 470625

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.7	11.0	16.4

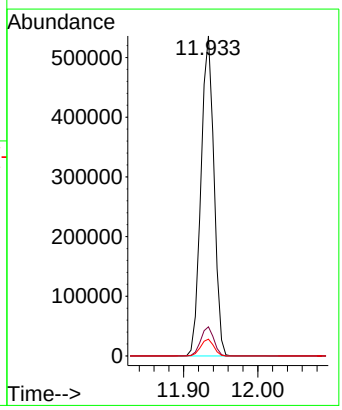


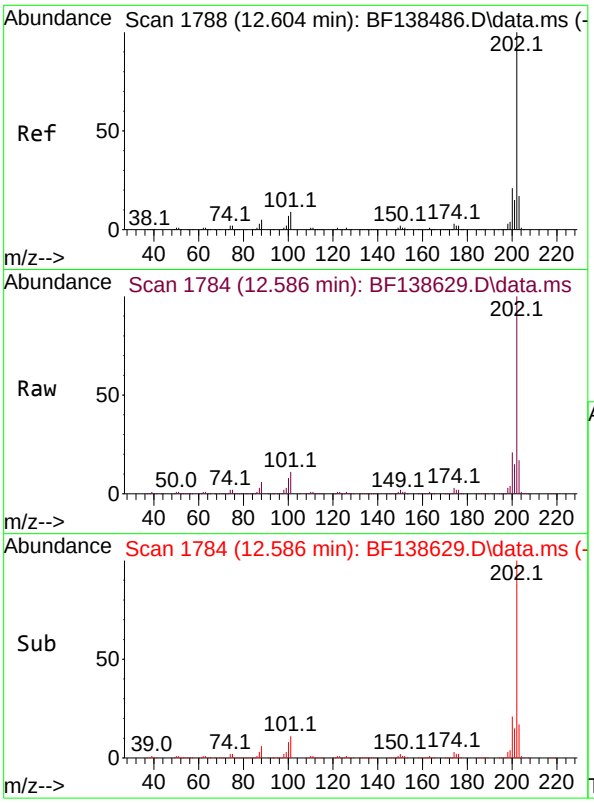


#74
Di-n-butylphthalate
Concen: 53.641 ng
RT: 11.933 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:149 Resp: 652907

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.3	4.4	6.6



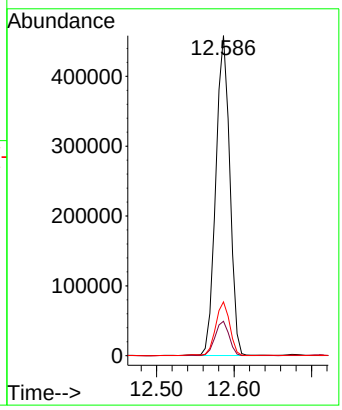


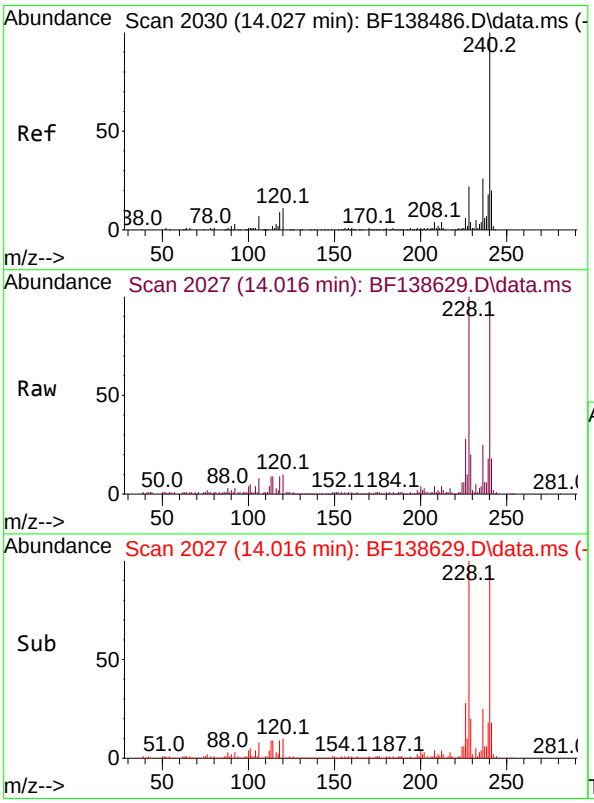
#75
Fluoranthene
Concen: 47.595 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:202 Resp: 574886

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.2
203	16.8	0.0	37.3

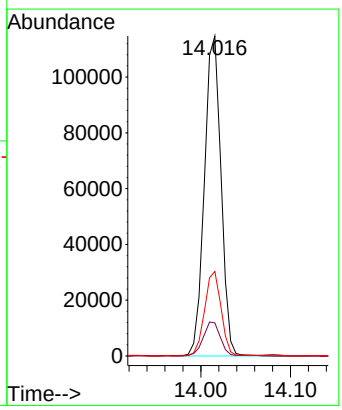


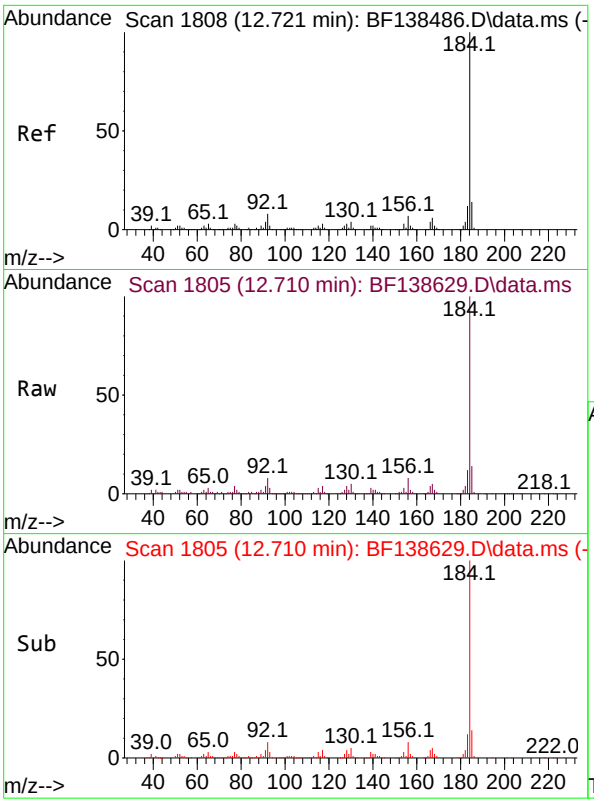


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:240 Resp: 147778

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	26.4	21.0	31.6



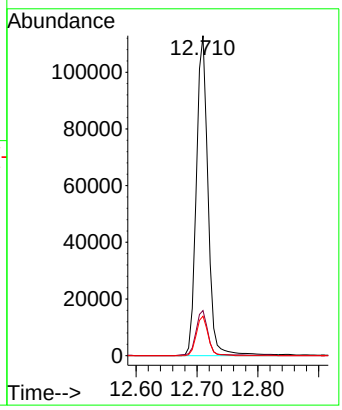


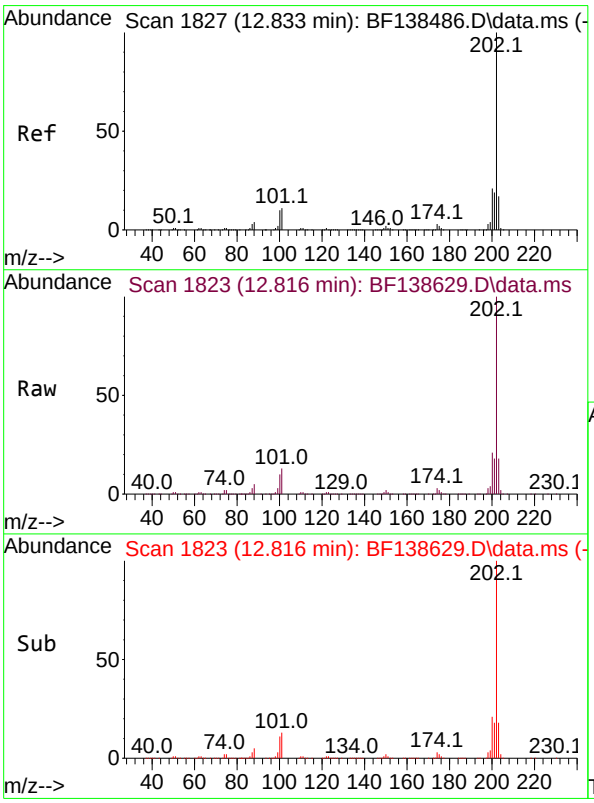
#77
Benzidine
Concen: 40.384 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:184 Resp: 150569

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.4	9.5	14.3

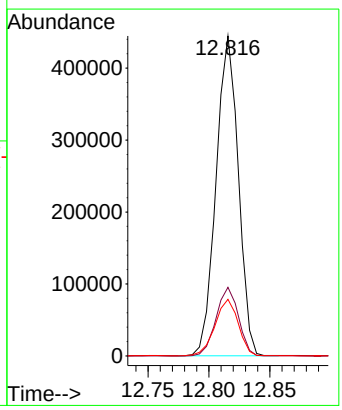


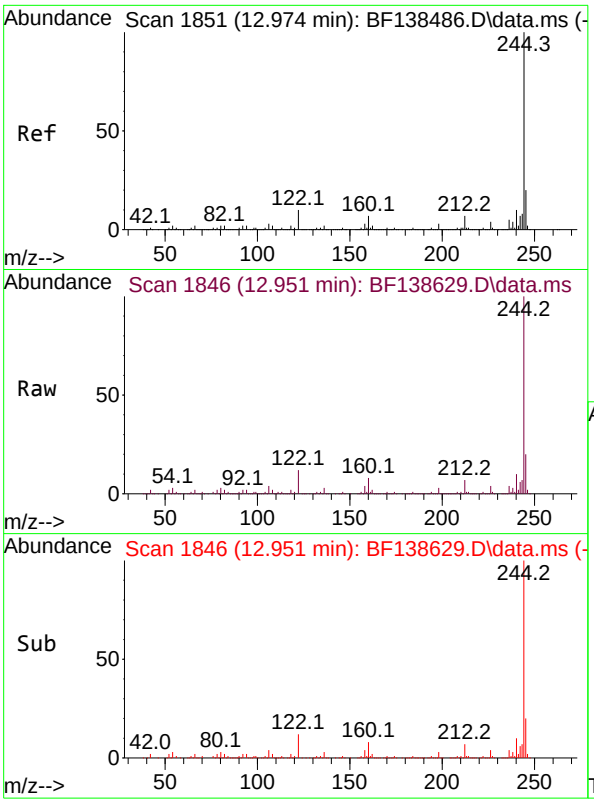


#78
Pyrene
Concen: 37.738 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:202 Resp: 566132

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.7	13.7	20.5



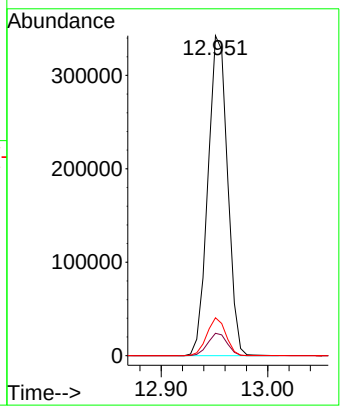


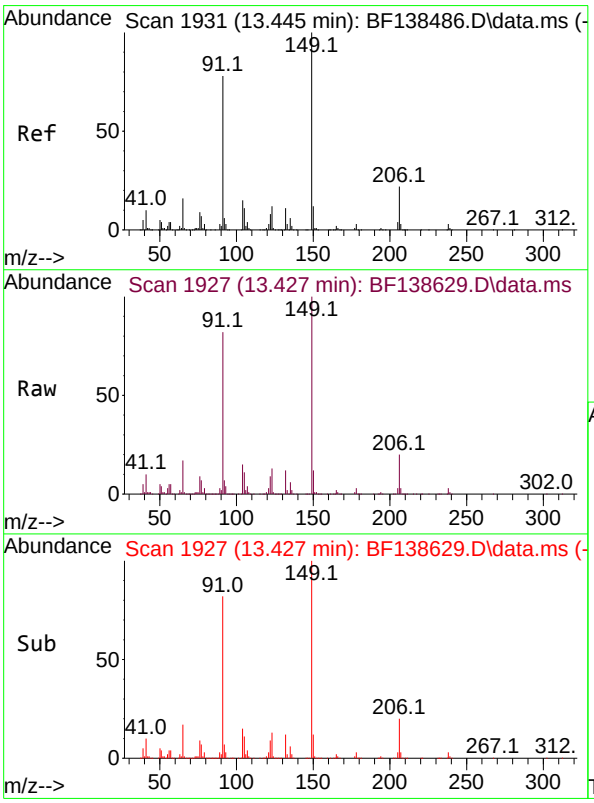
#79
Terphenyl-d14
Concen: 48.352 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:244 Resp: 438601

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.8	7.8	11.8#

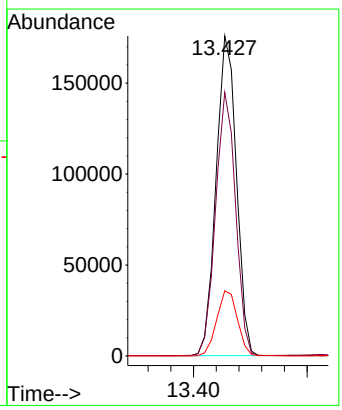


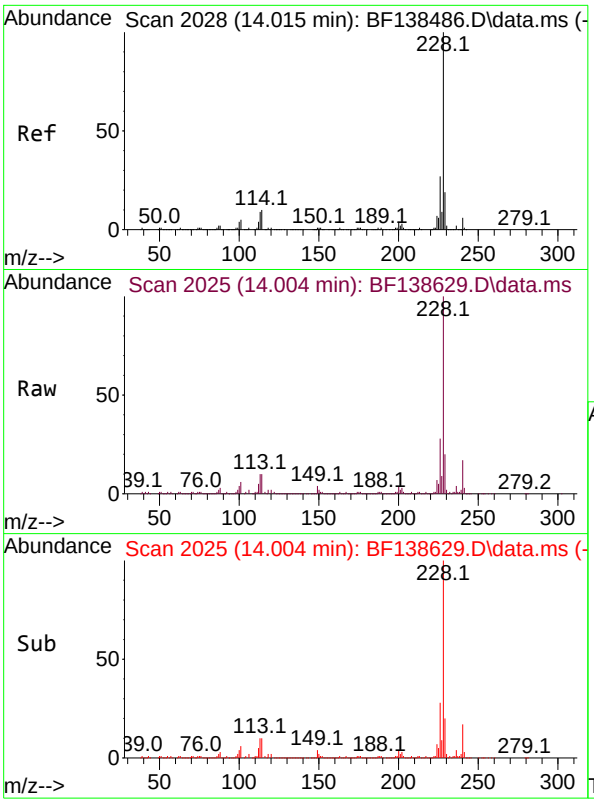


#80
Butylbenzylphthalate
Concen: 48.500 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:149 Resp: 218869

Ion	Ratio	Lower	Upper
149	100		
91	82.4	62.1	93.1
206	20.3	18.0	27.0



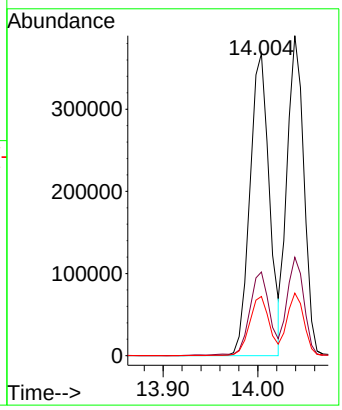


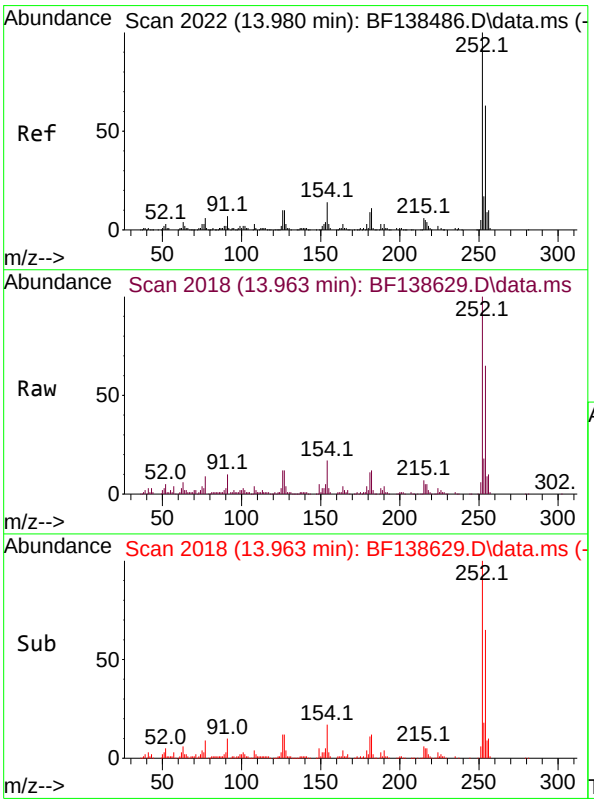
#81
Benzo(a)anthracene
Concen: 53.194 ng
RT: 14.004 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:228 Resp: 527464

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.6	15.5	23.3

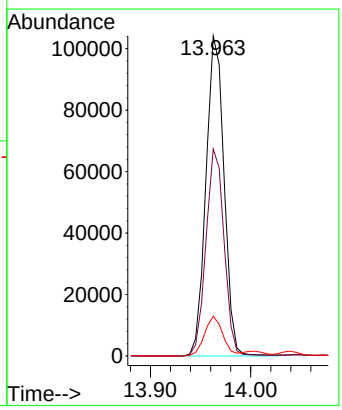


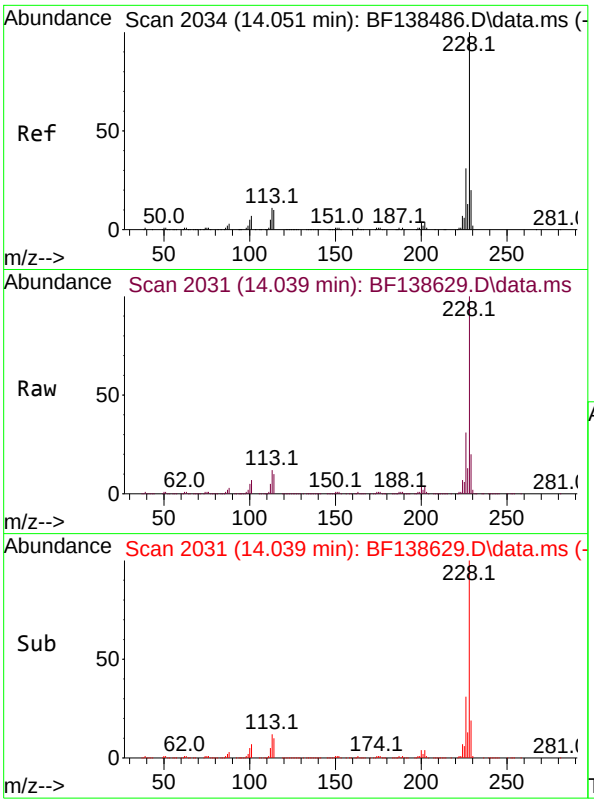


#82
3,3'-Dichlorobenzidine
Concen: 51.408 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:252 Resp: 131351

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.3	75.5
126	12.4	8.1	12.1#



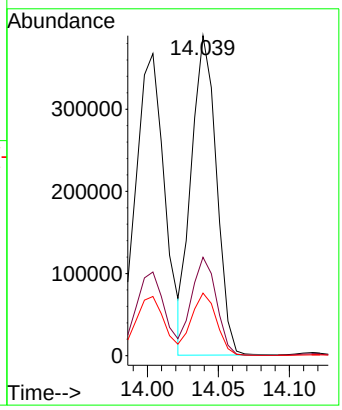


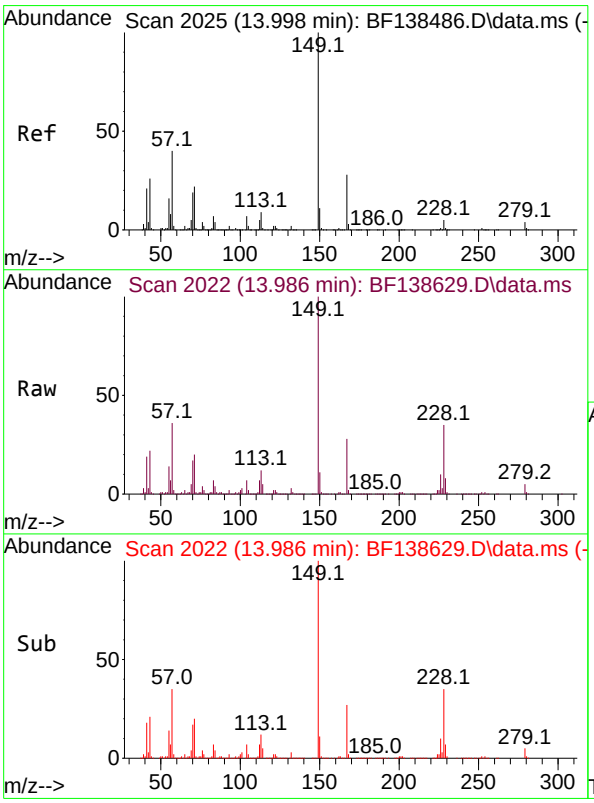
#83
Chrysene
Concen: 50.881 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:228 Resp: 477292

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.6	16.0	24.0

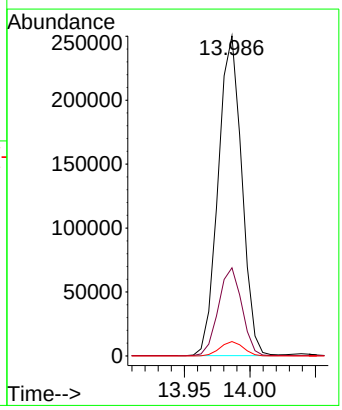


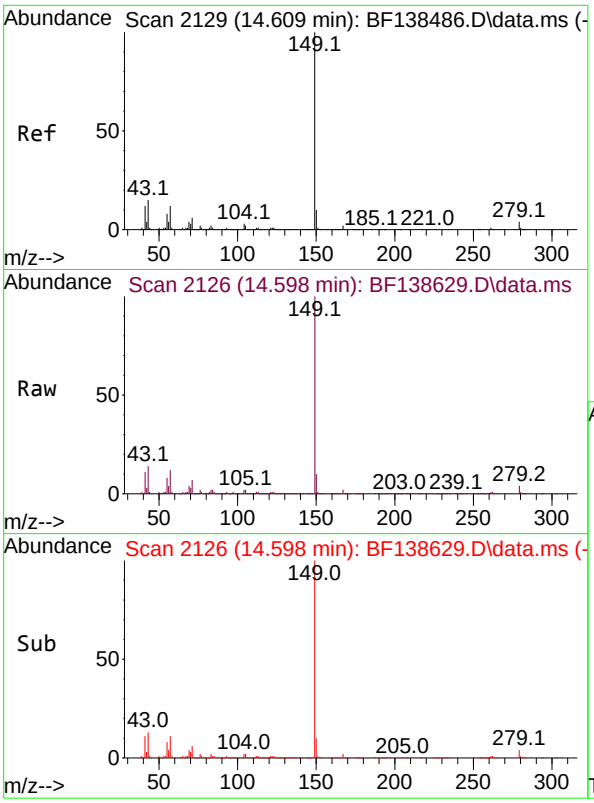


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.966 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:149 Resp: 312676

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.5	3.0	4.6



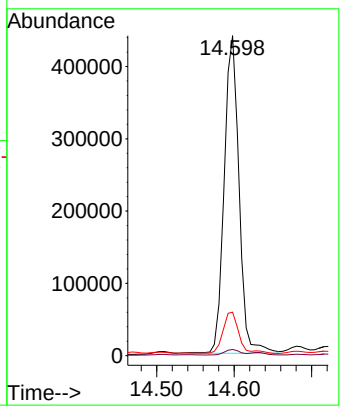


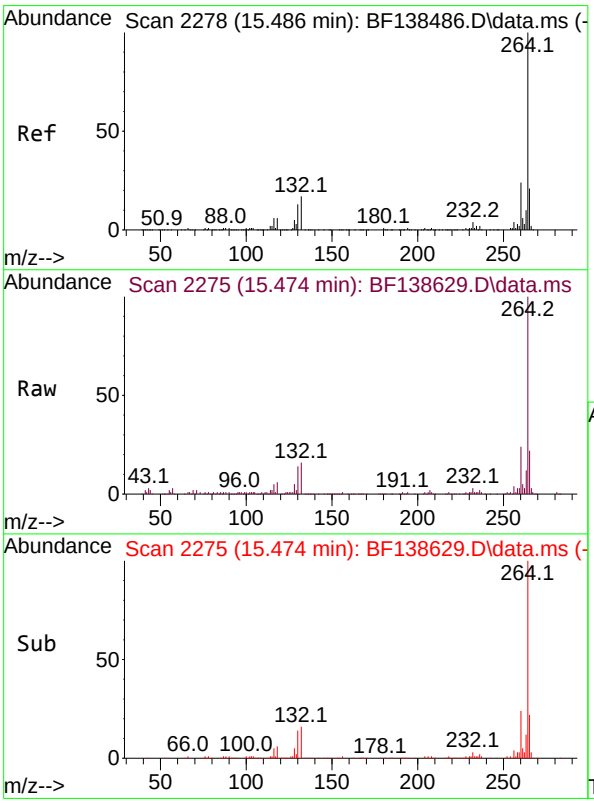
#85
Di-n-octyl phthalate
Concen: 76.934 ng
RT: 14.598 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:149 Resp: 584944

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.3	1.9#
43	13.9	10.7	16.1

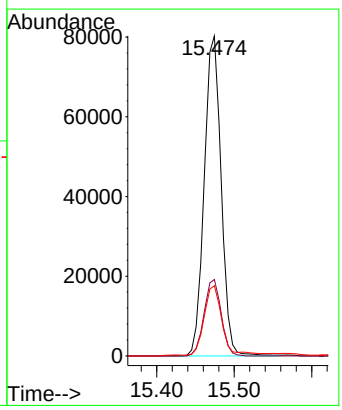


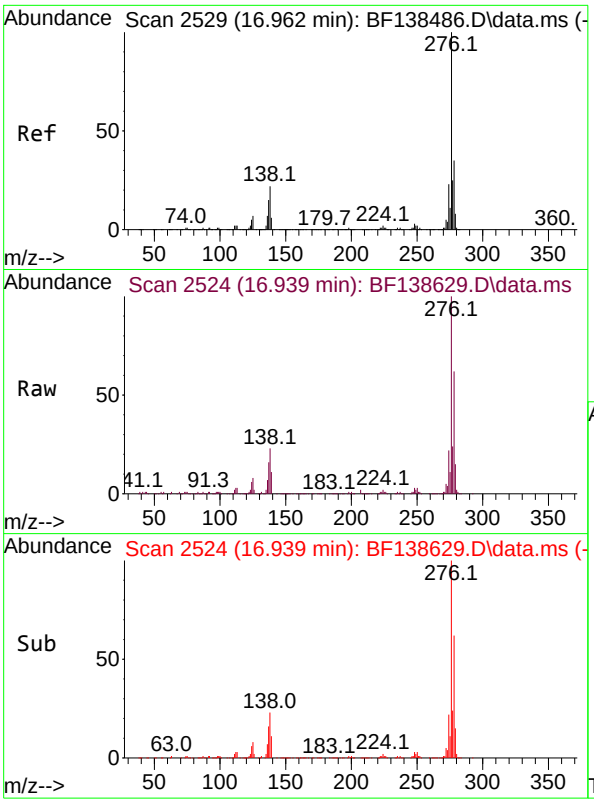


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:264 Resp: 121596

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.9	17.0	25.4



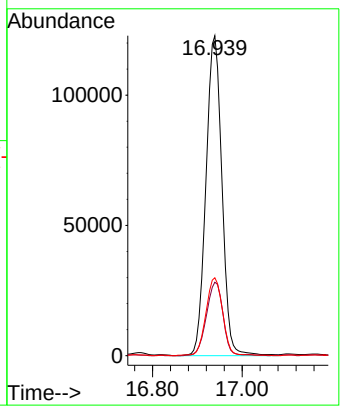


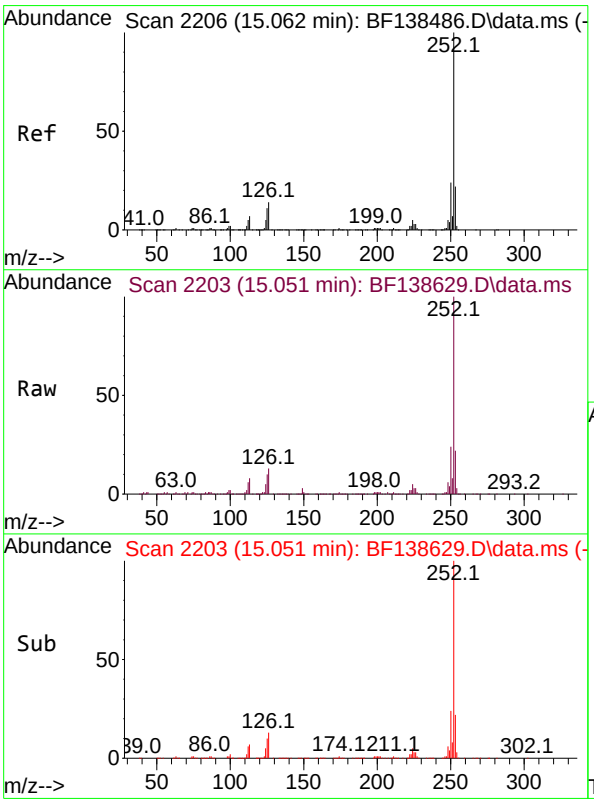
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.155 ng
RT: 16.939 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:276 Resp: 303469

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.6	29.4
277	25.6	20.5	30.7

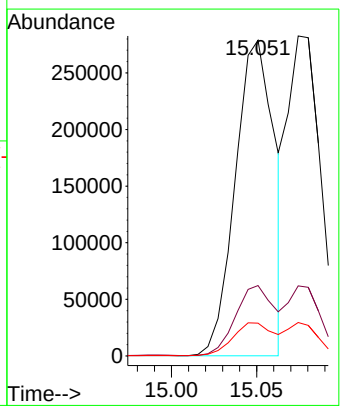


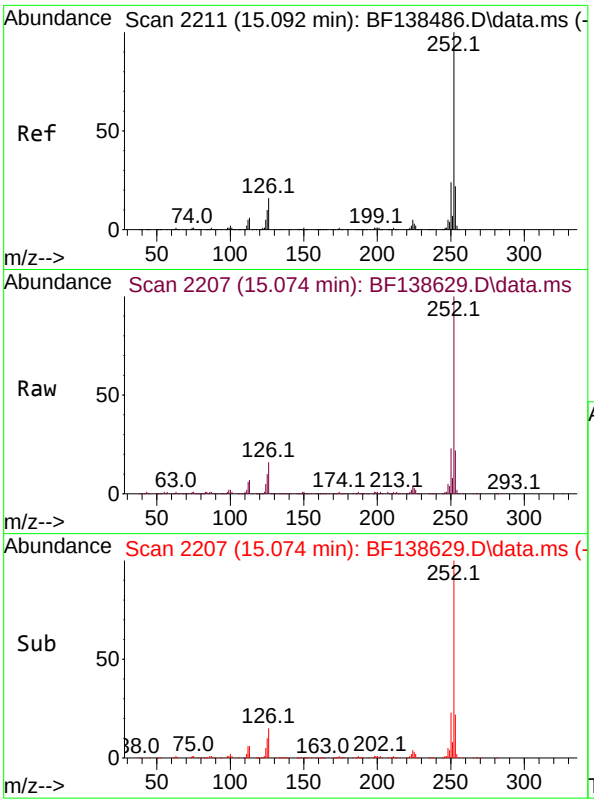


#88
Benzo(b)fluoranthene
Concen: 65.035 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:252 Resp: 445356

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	10.4	8.6	13.0



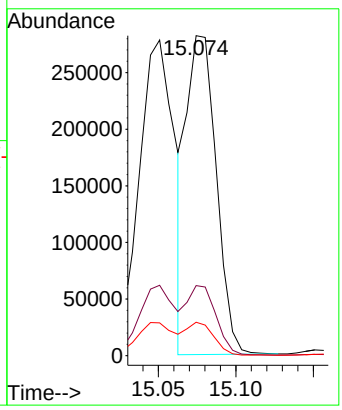


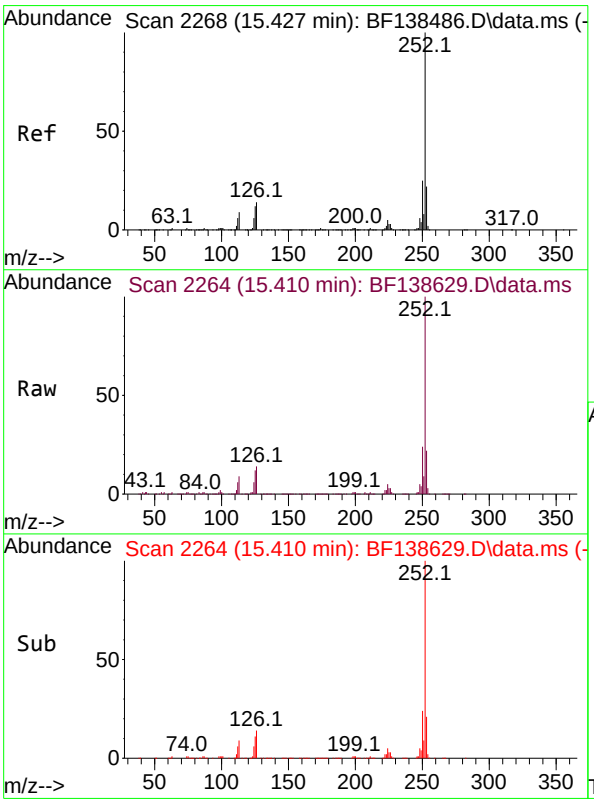
#89
Benzo(k)fluoranthene
Concen: 56.446 ng
RT: 15.074 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Tgt Ion:252 Resp: 376989

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.5	8.1	12.1

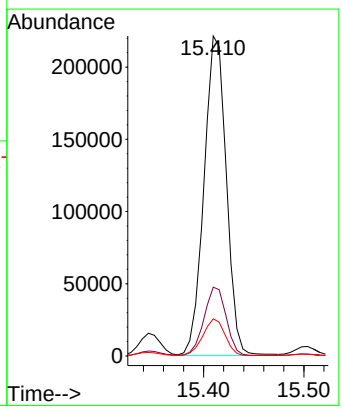


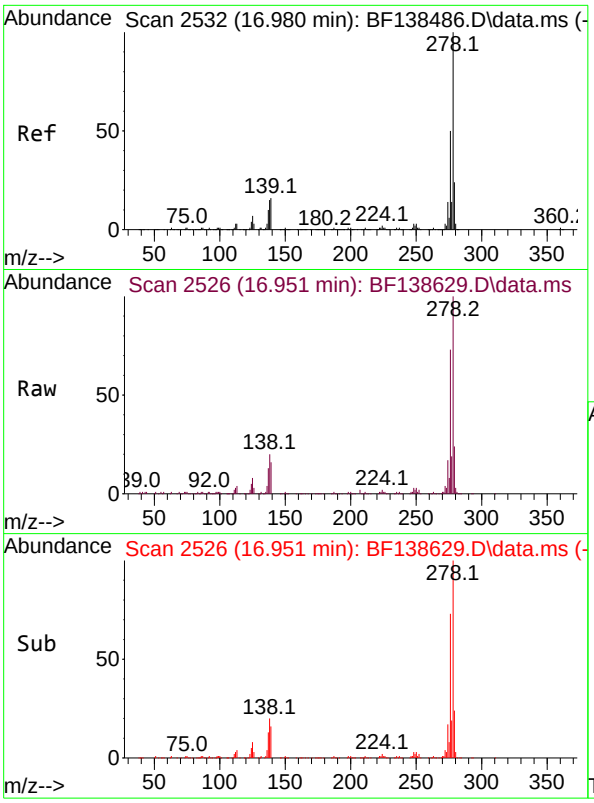


#90
Benzo(a)pyrene
Concen: 56.927 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.017 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:252 Resp: 342453

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	11.6	9.4	14.2



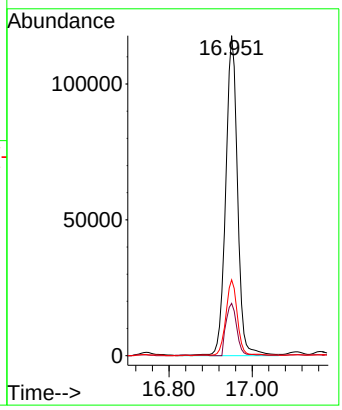


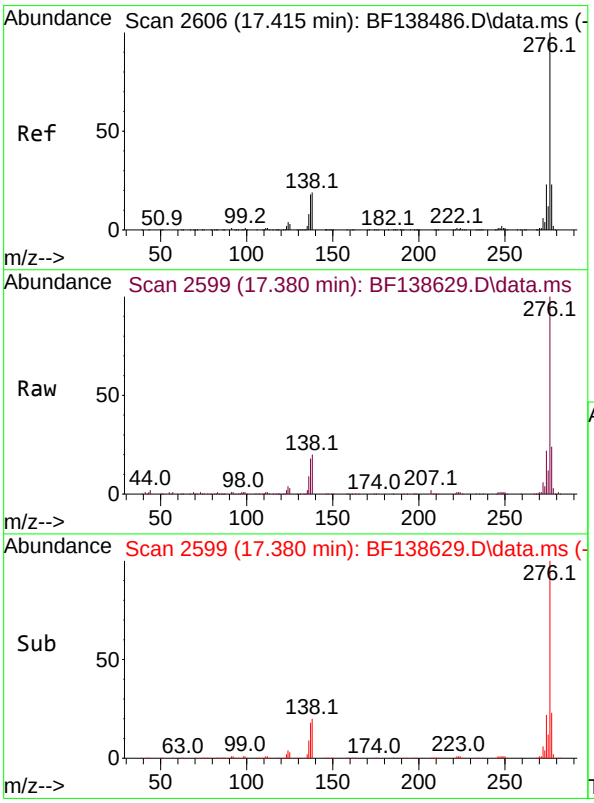
#91
Dibenzo(a,h)anthracene
Concen: 34.928 ng
RT: 16.951 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

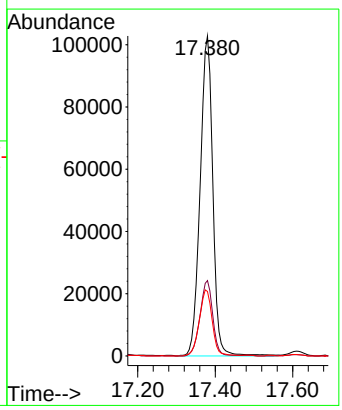
Tgt Ion:278 Resp: 233361

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.8	19.2
279	23.7	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 32.988 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF138629.D
Acq: 23 Jul 2024 20:38

Tgt Ion:276 Resp: 233711

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.0	27.0
138	20.2	15.5	23.3