Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140932.D
Acq On : 19 Dec 2024 17:49
Operator : RC/JU
Sample : P5343-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ281

Quant Time: Dec 20 00:08:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	61957	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218114	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	103558	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	137310	20.000	ng	0.00
76) Chrysene-d12	14.033	240	131870	20.000	ng	0.00
86) Perylene-d12	15.545	264	133263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	334118	88.774	ng	0.00
7) Phenol-d6	6.498	99	394103	79.057	ng	0.00
23) Nitrobenzene-d5	7.416	82	220056	50.477	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	89311	72.919	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	462250	61.369	ng	0.00
79) Terphenyl-d14	12.957	244	352111	42.105	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	28126	9.406	ng	# 77
25) Isophorone	7.416	82	217754	29.810	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	13559	8.124	ng	# 21
56) 4-Nitrophenol	10.092	139	655	5.136	ng	# 5
57) 2,4-Dinitrotoluene	9.881	165	13559	6.174	ng	# 15
63) Azobenzene	10.592	77	21365	3.002	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	5327	3.468	ng	# 1
71) Phenanthrene	11.398	178	77925	11.036	ng	99
72) Anthracene	11.398	178	77925	11.206	ng	98
75) Fluoranthene	12.592	202	135426	16.654	ng	99
78) Pyrene	12.822	202	128106	10.924	ng	99
81) Benzo(a)anthracene	14.021	228	60941	6.520	ng	96
83) Chrysene	14.057	228	64383	7.576	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	32846	3.950	ng	97
88) Benzo(b)fluoranthene	15.110	252	109501	11.837	ng	98
89) Benzo(k)fluoranthene	15.110	252	109501	13.800	ng	98
90) Benzo(a)pyrene	15.486	252	53987	7.453	ng	99
92) Benzo(g,h,i)perylene	17.521	276	32328	4.610	ng	99

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

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Quant Time: Dec 20 00:08:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
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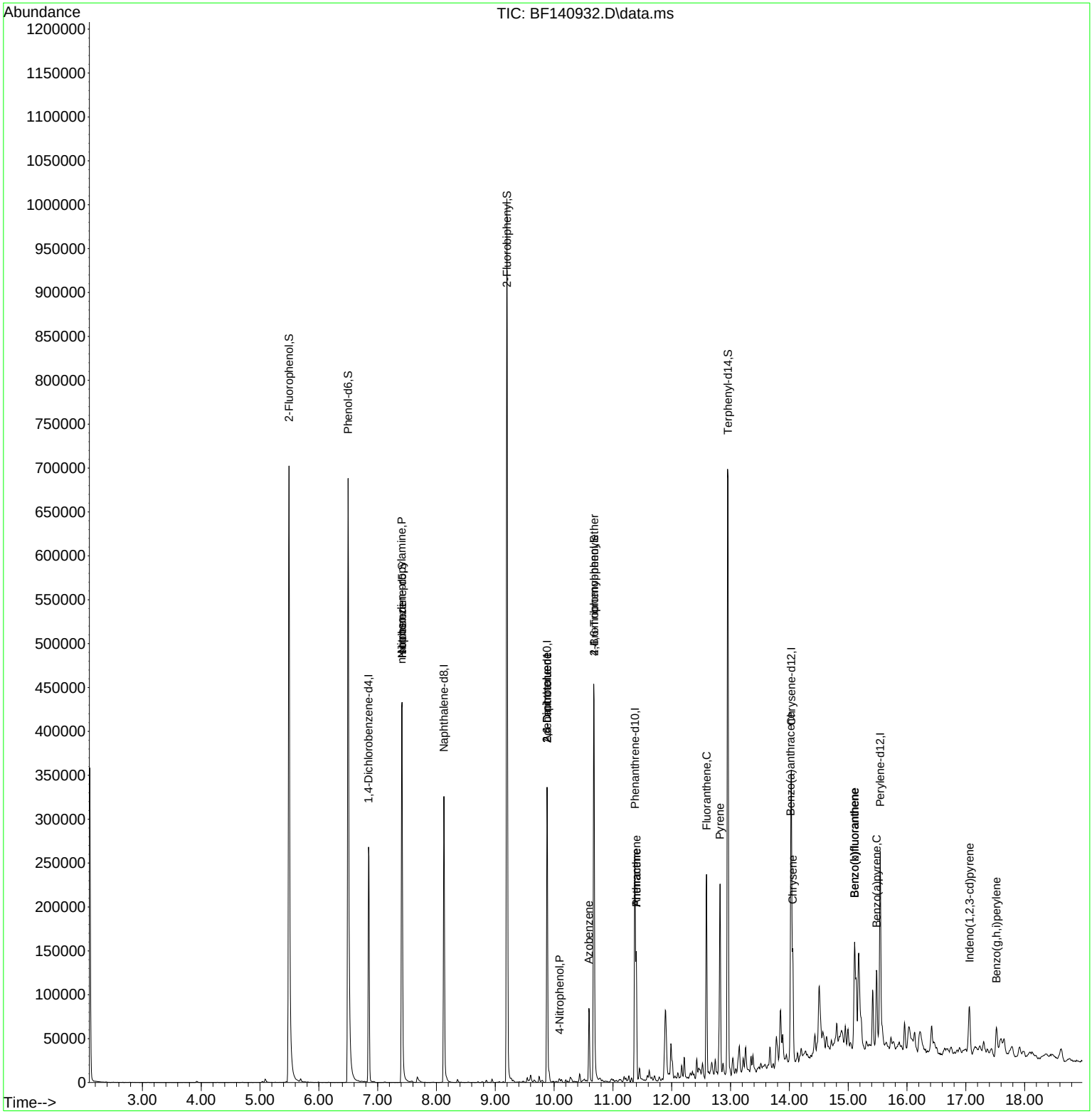
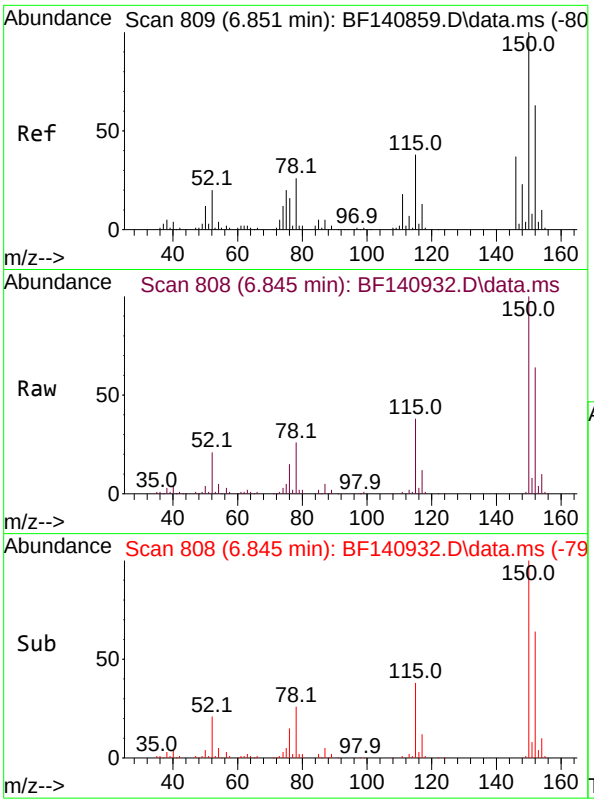


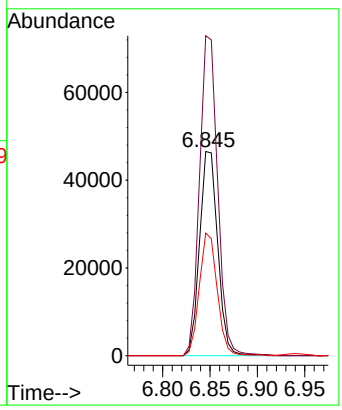


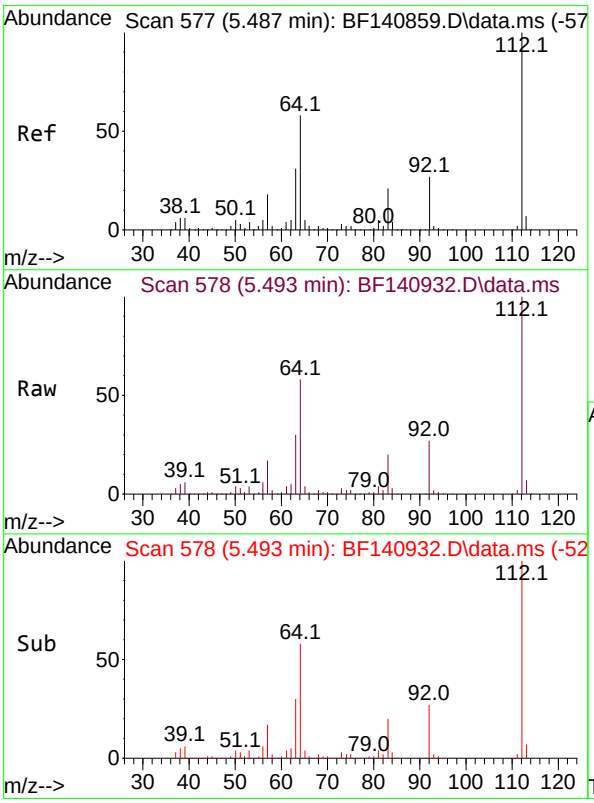
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:152 Resp: 61957

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.9	191.9
115	60.0	48.0	72.0

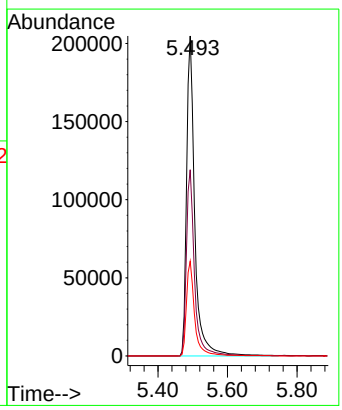


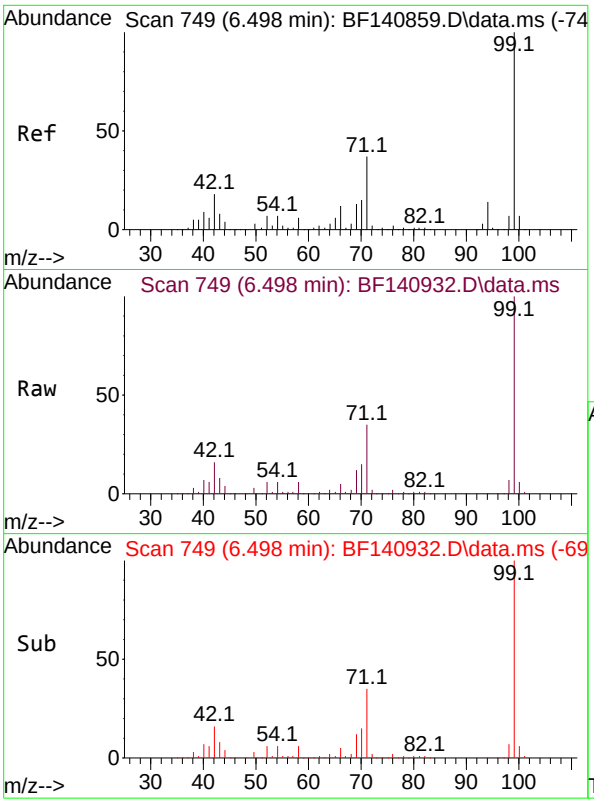


#5
2-Fluorophenol
Concen: 88.774 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:112 Resp: 334118

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.1	69.1
63	29.6	24.9	37.3



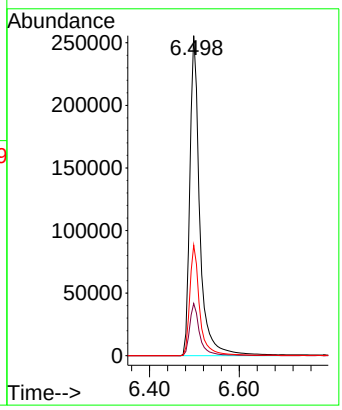


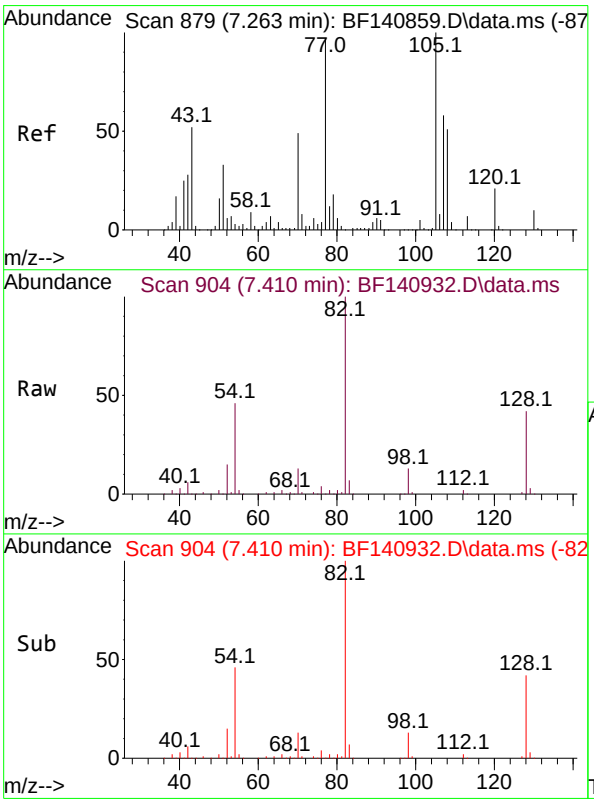
#7
Phenol-d6
Concen: 79.057 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion: 99 Resp: 394103

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.3	21.5
71	34.6	29.9	44.9

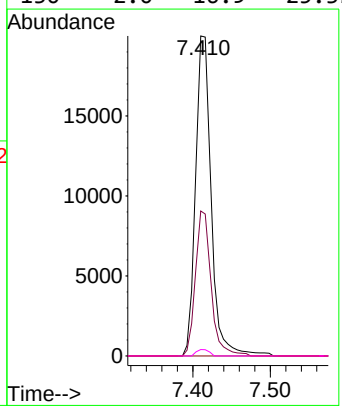


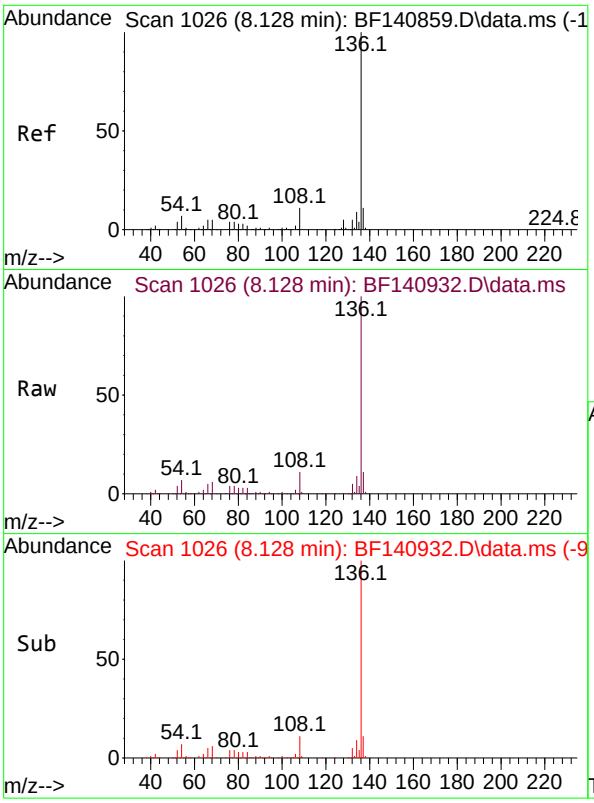


#19
n-Nitroso-di-n-propylamine
Concen: 9.406 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion: 70 Resp: 28126

Ion	Ratio	Lower	Upper
70	100		
42	45.3	45.3	67.9
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



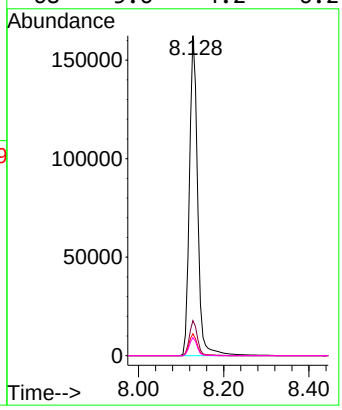


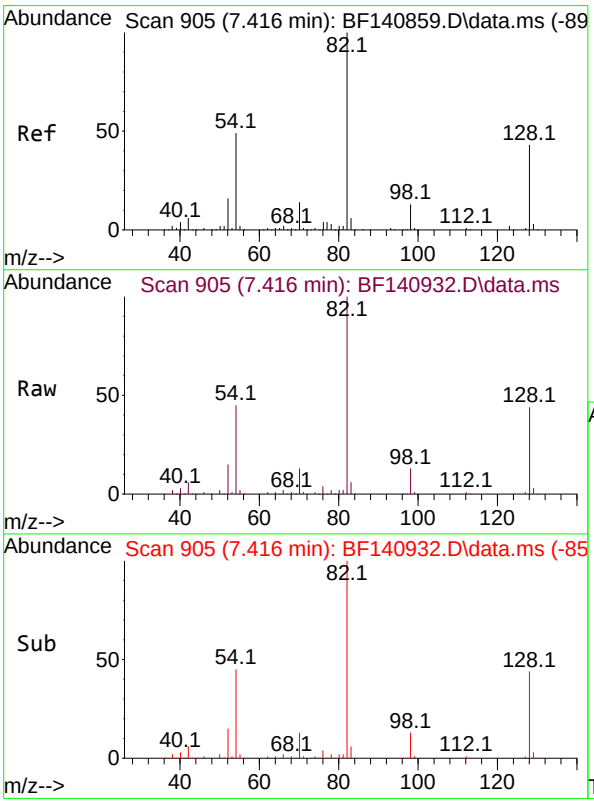
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:136 Resp: 218114

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.6	8.4
68	5.6	4.2	6.2

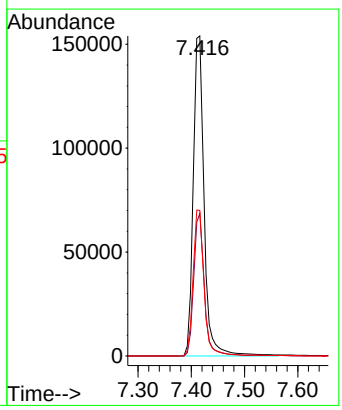


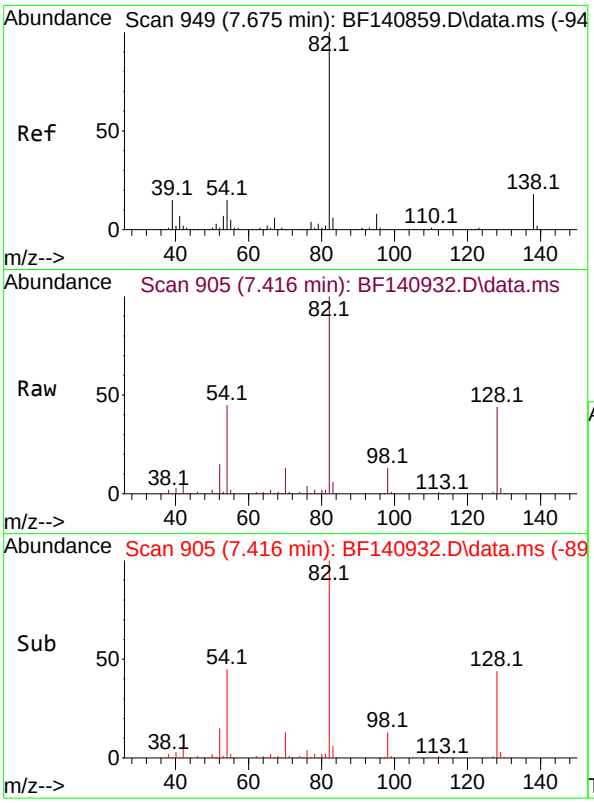


#23
Nitrobenzene-d5
Concen: 50.477 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion: 82 Resp: 220056

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	45.5	38.8	58.2



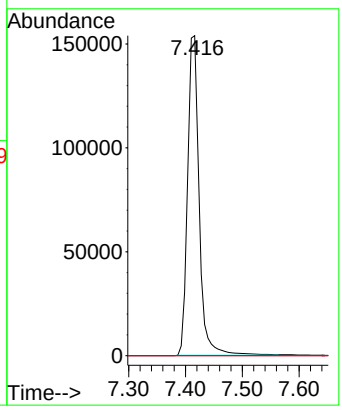


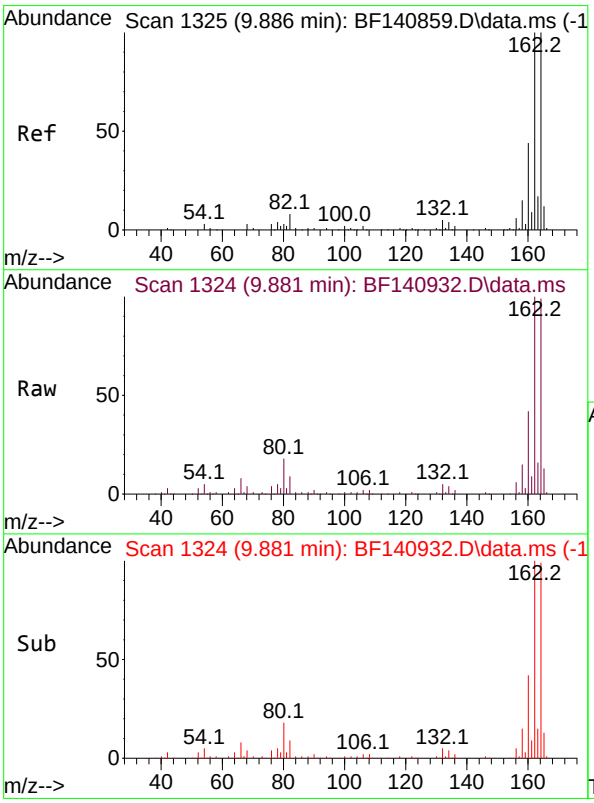
#25
Isophorone
Concen: 29.810 ng
RT: 7.416 min Scan# 9
Delta R.T. -0.259 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion: 82 Resp: 217754

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	14.1	21.1#

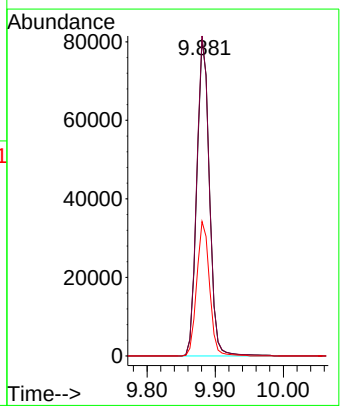


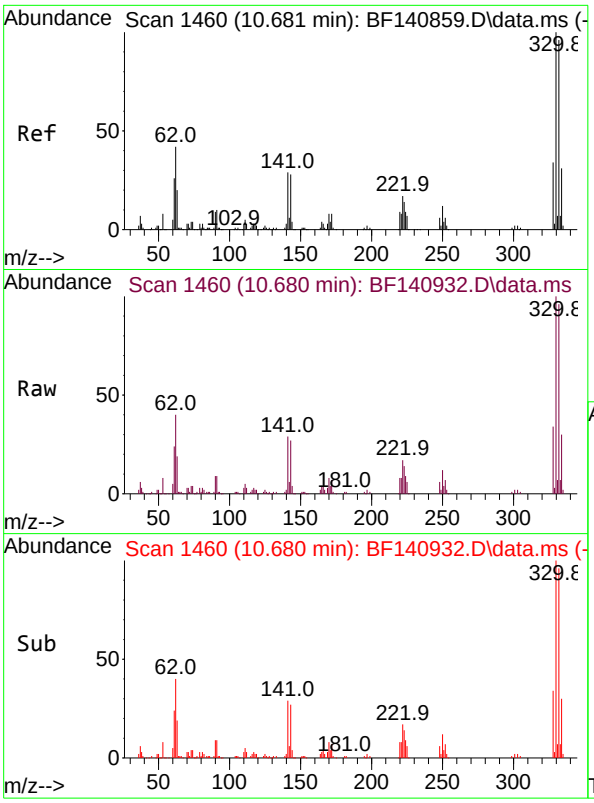


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:164 Resp: 103558

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	42.4	35.2	52.8



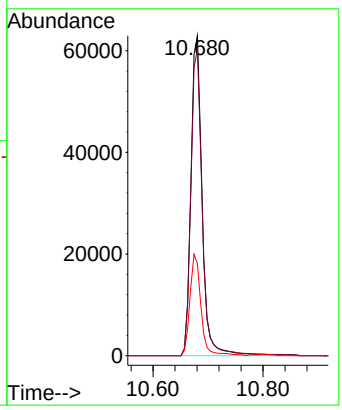


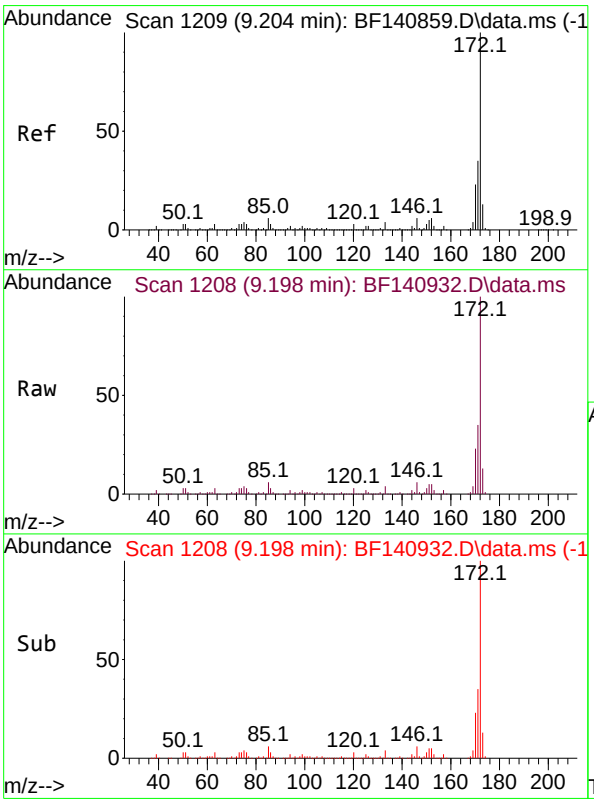
#42
2,4,6-Tribromophenol
Concen: 72.919 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:330 Resp: 89311

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	31.2	24.9	37.3

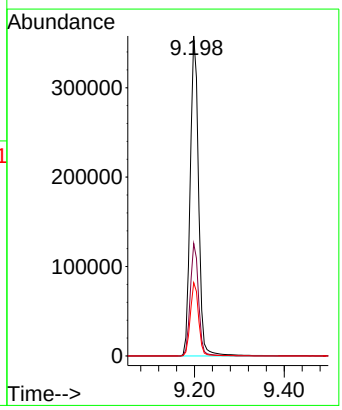


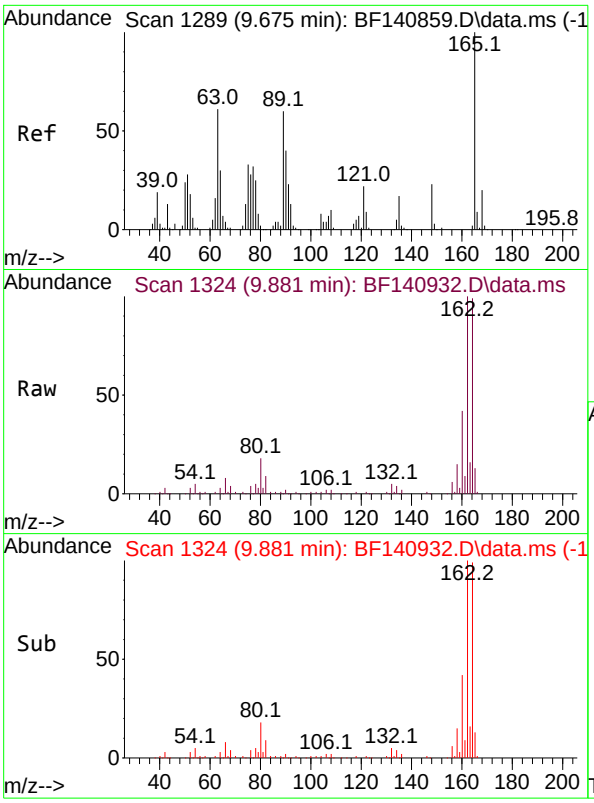


#45
2-Fluorobiphenyl
Concen: 61.369 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:172 Resp: 462250

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	22.9	18.6	28.0



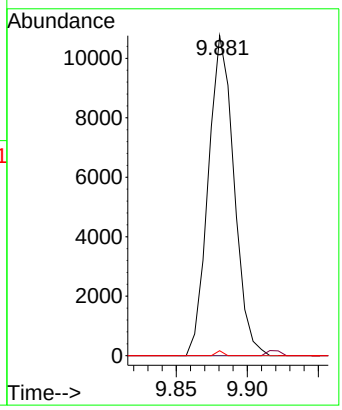


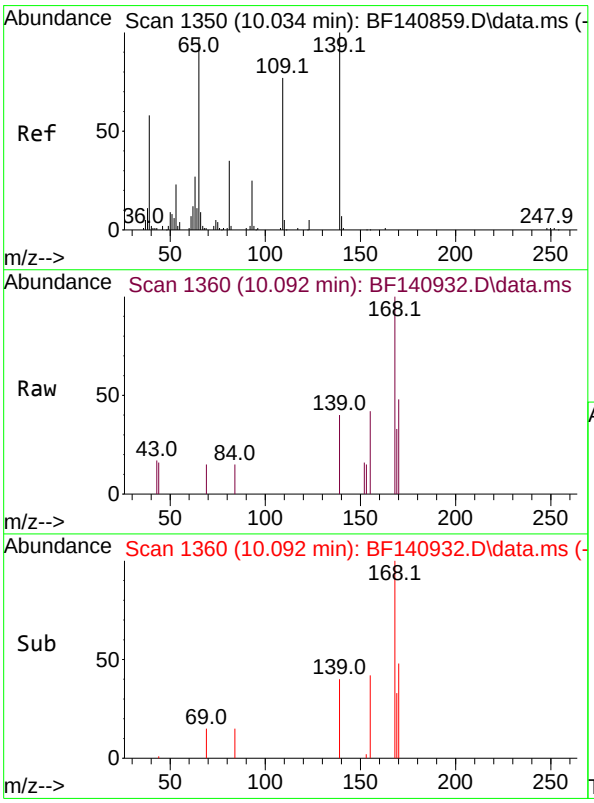
#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:165 Resp: 13559

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.7	74.5#
89	1.6	48.2	72.4#

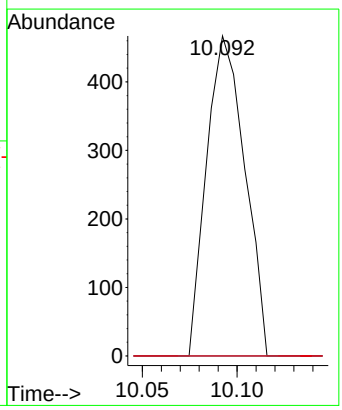


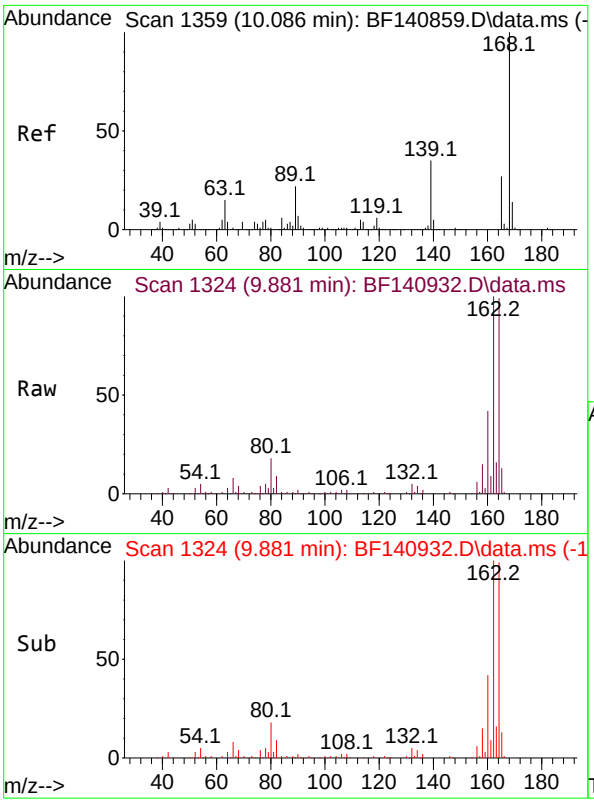


#56
4-Nitrophenol
Concen: 5.136 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.058 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:139 Resp: 655

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.7	96.7#
65	0.0	78.1	118.1#



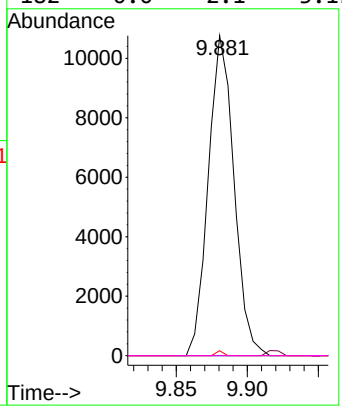


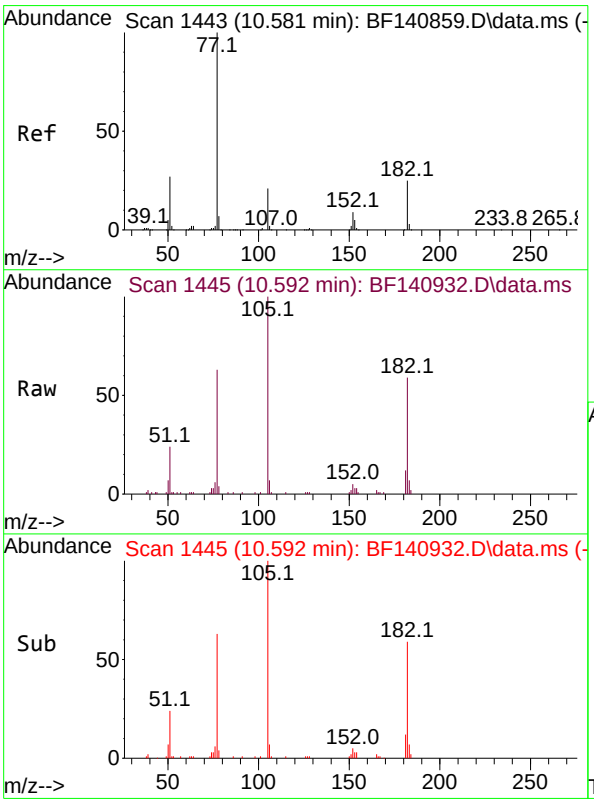
#57
2,4-Dinitrotoluene
Concen: 6.174 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:165 Resp: 13559

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.3	73.9#
89	1.6	66.2	99.4#
182	0.0	2.1	3.1#

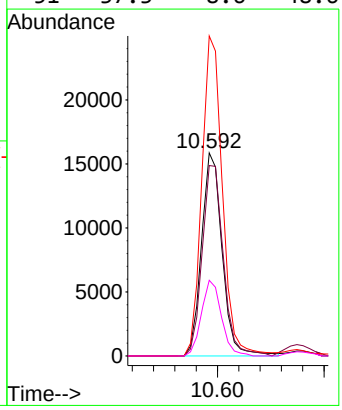


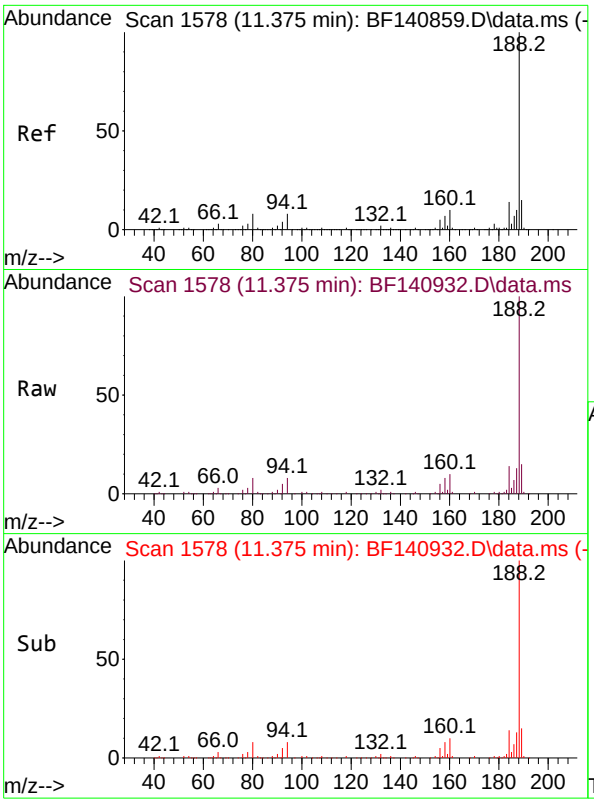


#63
Azobenzene
Concen: 3.002 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion: 77 Resp: 21365

Ion	Ratio	Lower	Upper
77	100		
182	93.8	4.5	44.5#
105	157.6	0.9	40.9#
51	37.3	8.6	48.6



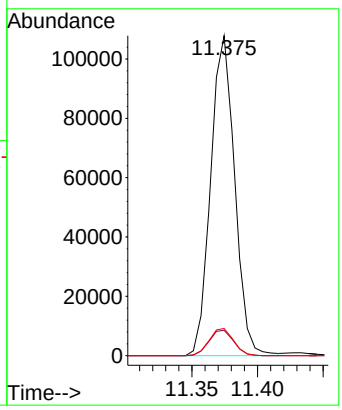


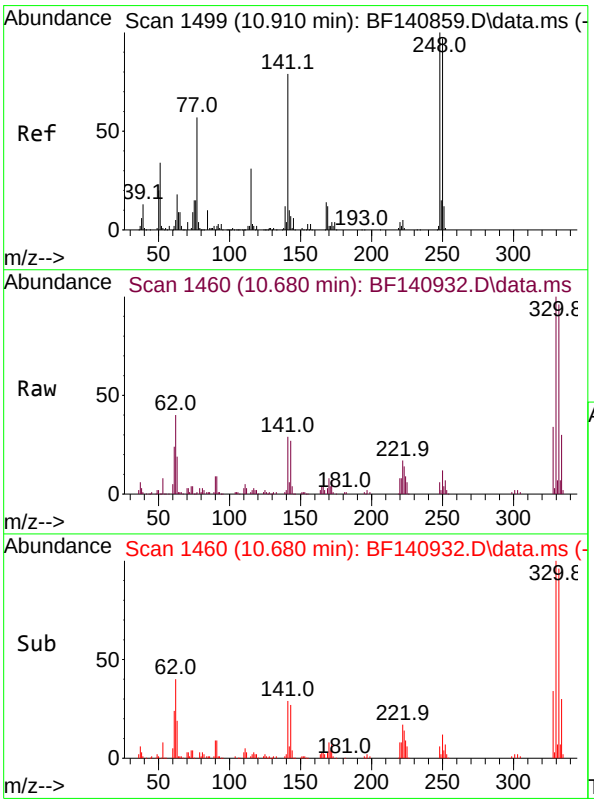
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:188 Resp: 137310

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.5	6.8	10.2

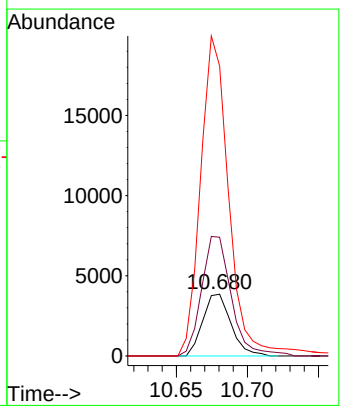


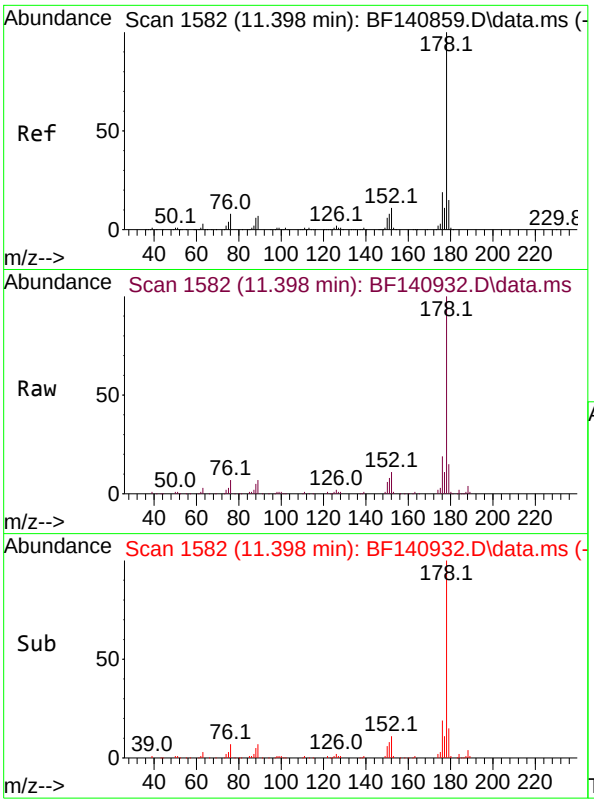


#67
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.229 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:248 Resp: 5327

Ion	Ratio	Lower	Upper
248	100		
250	192.3	77.4	116.2#
141	469.3	62.9	94.3#



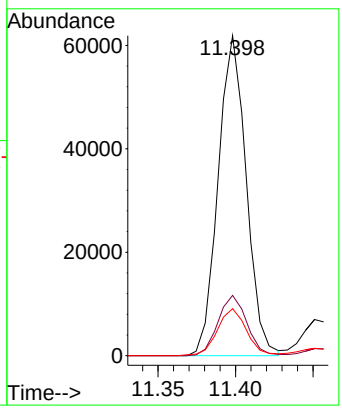


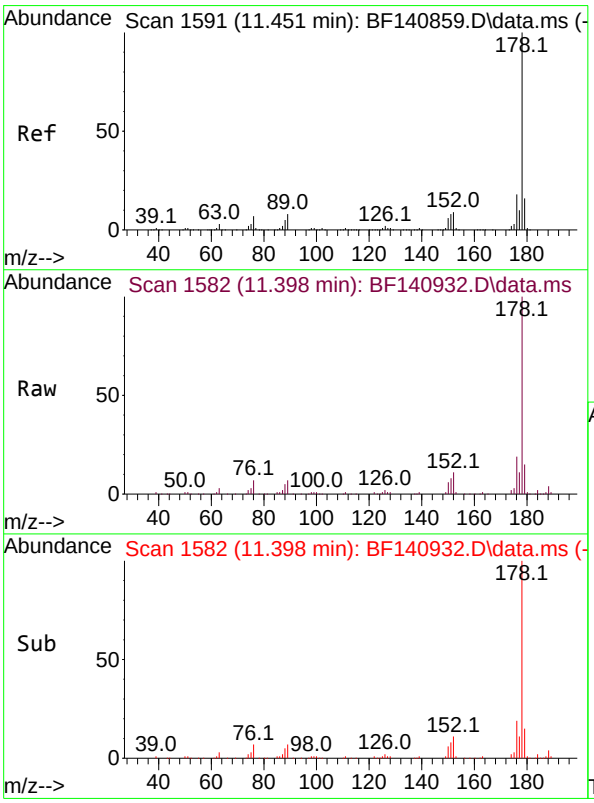
#71
Phenanthrene
Concen: 11.036 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:178 Resp: 77925

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.7	12.1	18.1

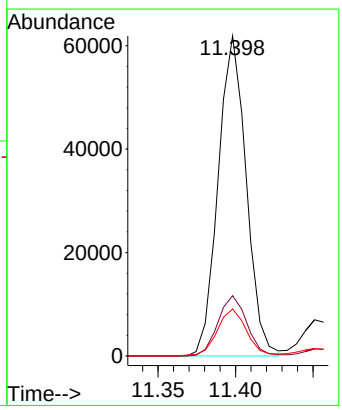


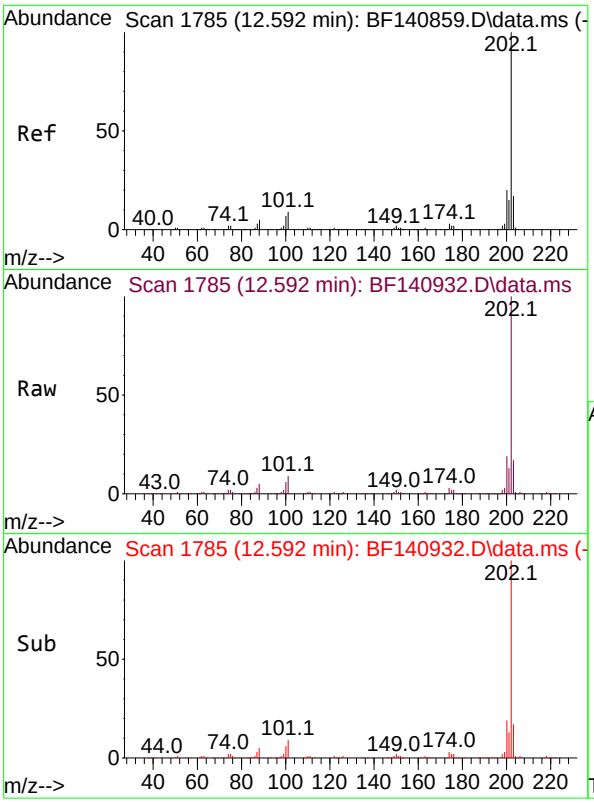


#72
Anthracene
Concen: 11.206 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.053 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:178 Resp: 77925

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.7	12.6	18.8



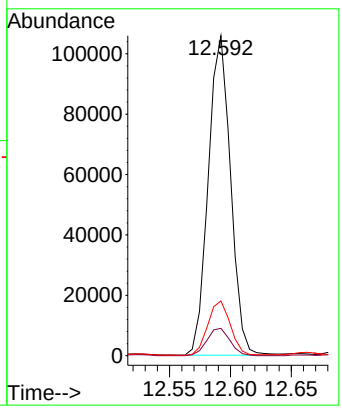


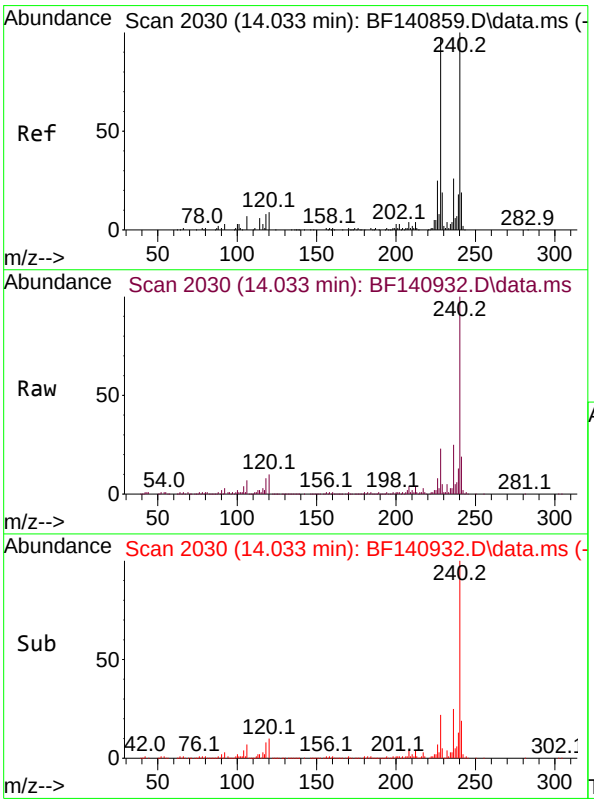
#75
Fluoranthene
Concen: 16.654 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:202 Resp: 135426

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.3
203	17.1	0.0	37.4

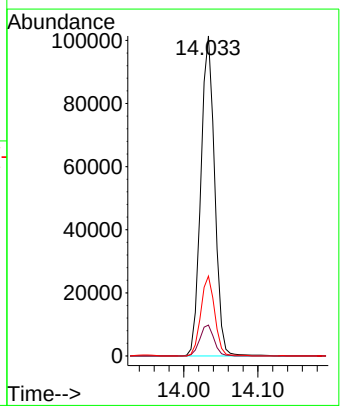


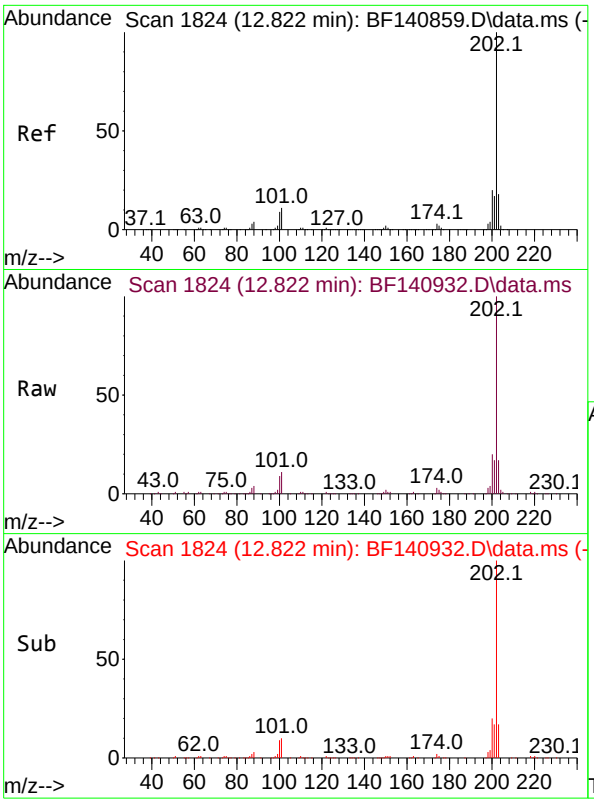


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:240 Resp: 131870

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	25.0	20.5	30.7



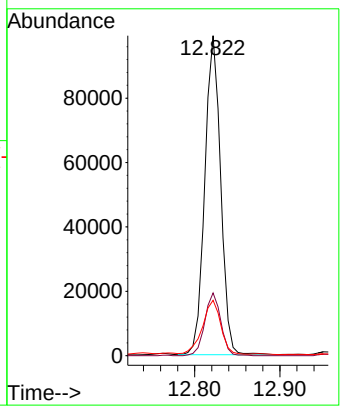


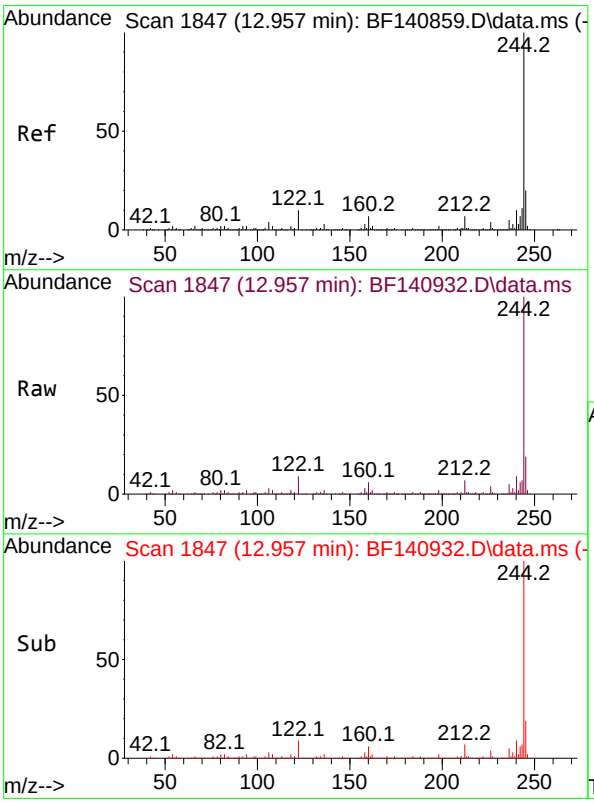
#78
Pyrene
Concen: 10.924 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:202 Resp: 128106

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.1	24.1
203	17.3	14.2	21.4

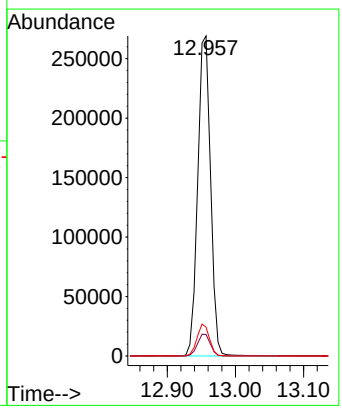


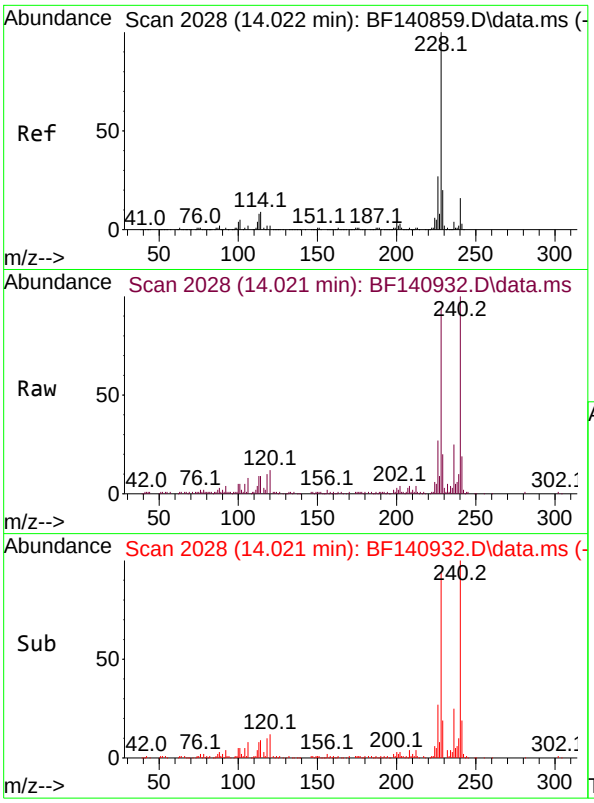


#79
Terphenyl-d14
Concen: 42.105 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:244 Resp: 352111

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.0	8.2	12.2



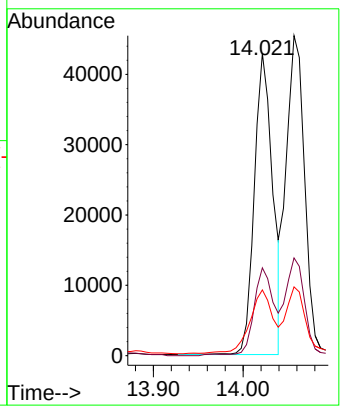


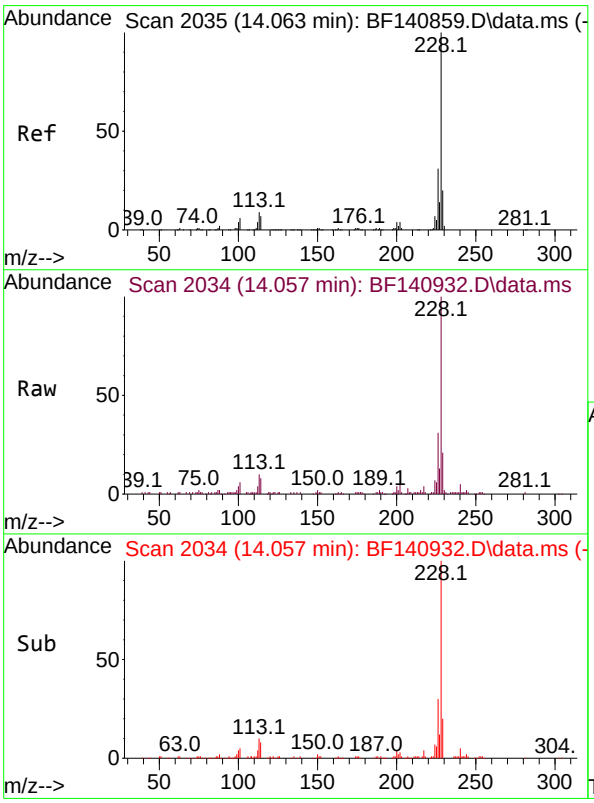
#81
Benzo(a)anthracene
Concen: 6.520 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:228 Resp: 60941

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	21.8	15.8	23.8

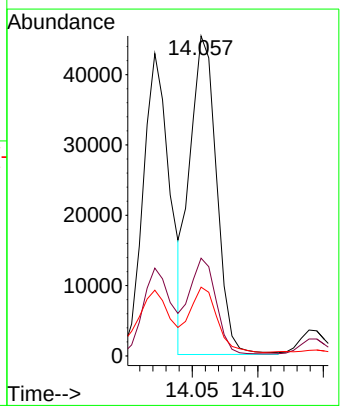


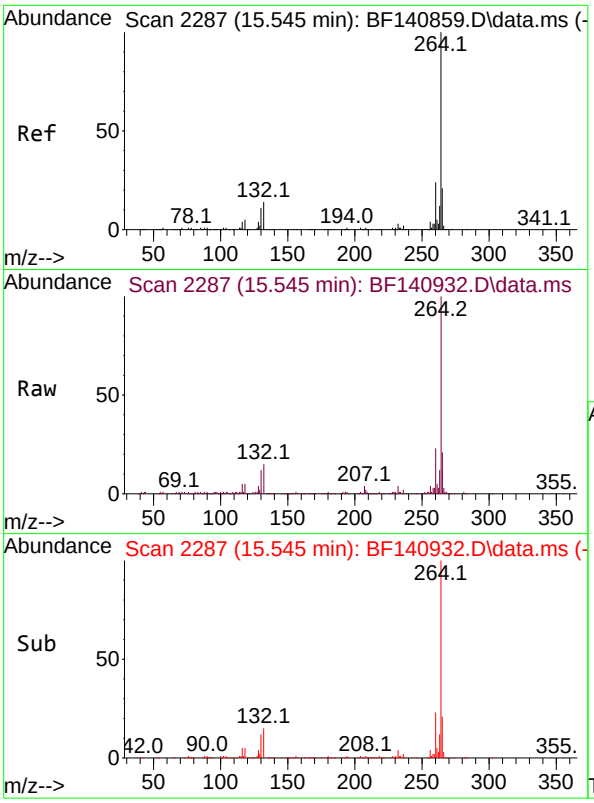


#83
Chrysene
Concen: 7.576 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:228 Resp: 64383

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	21.5	16.0	24.0



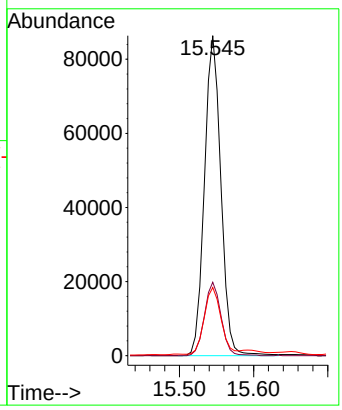


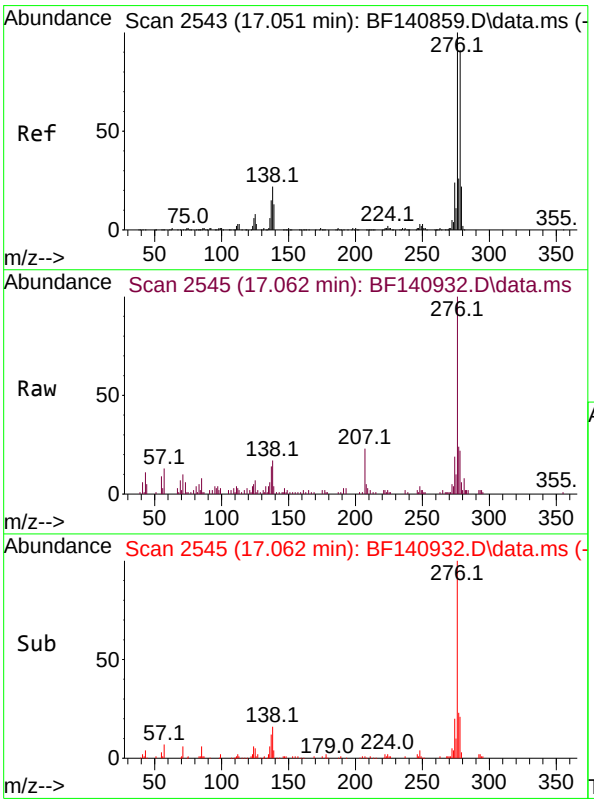
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:264 Resp: 133263

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.3	17.0	25.4

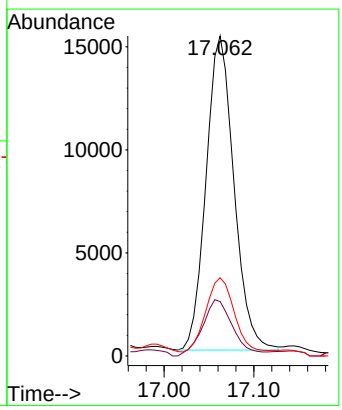


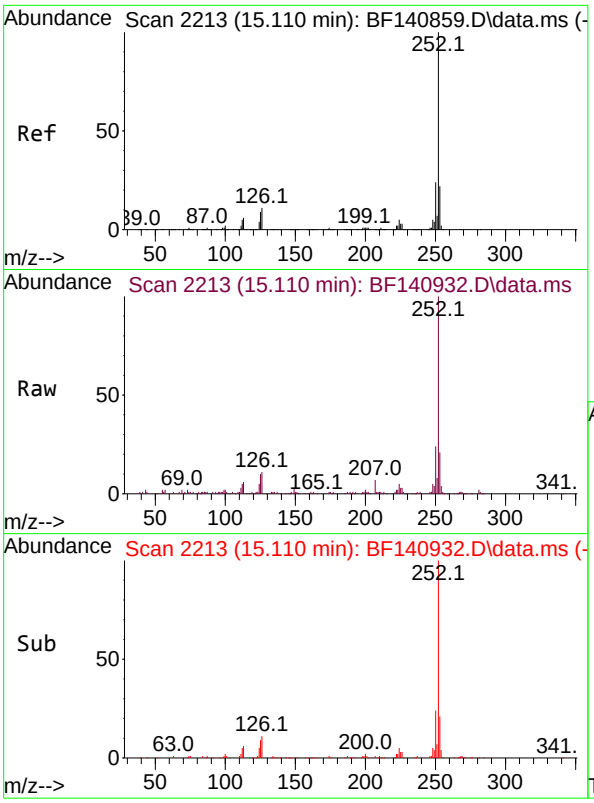


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.950 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:276 Resp: 32846

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.9	25.3
277	23.8	20.2	30.4



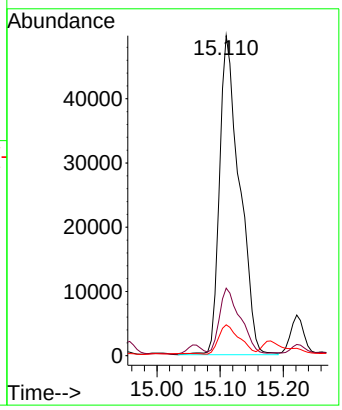


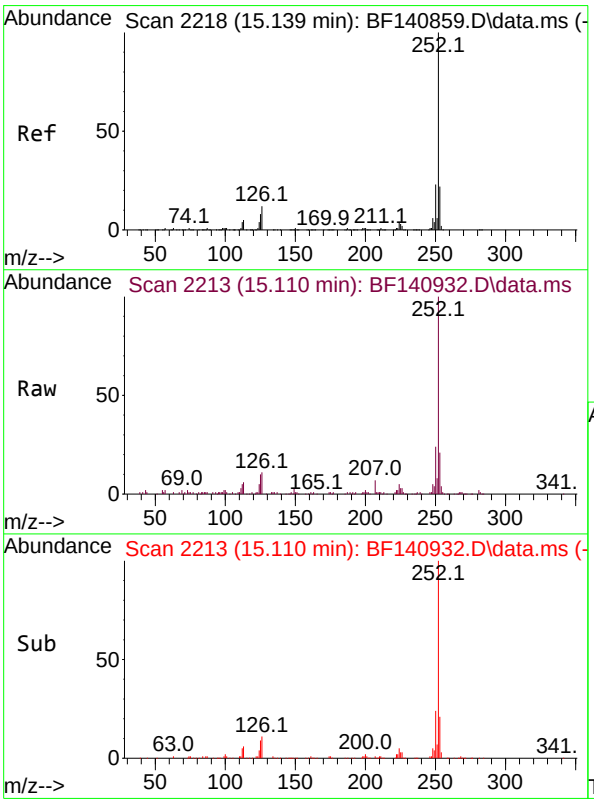
#88
Benzo(b)fluoranthene
Concen: 11.837 ng
RT: 15.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:252 Resp: 109501

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.7	7.0	10.4

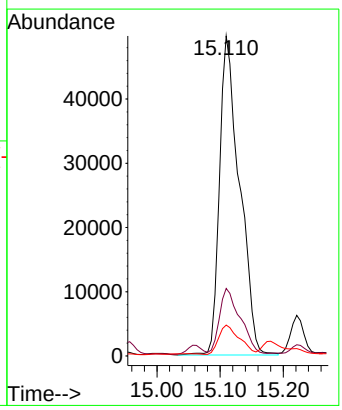


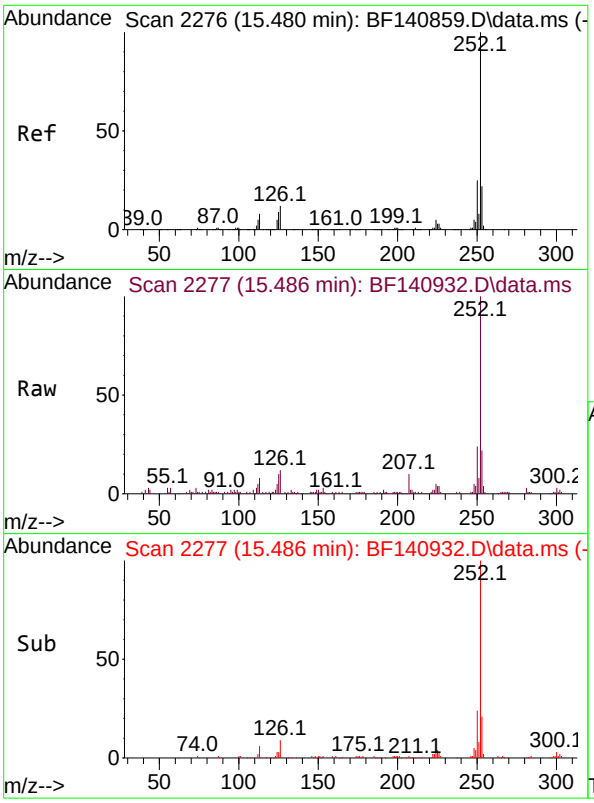


#89
Benzo(k)fluoranthene
Concen: 13.800 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.029 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:252 Resp: 109501

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	9.7	6.8	10.2



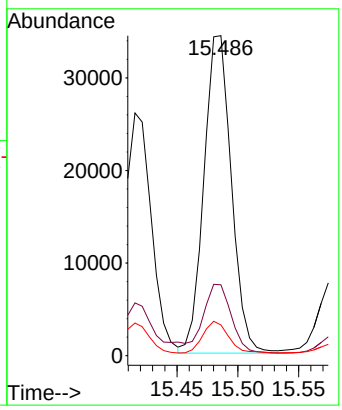


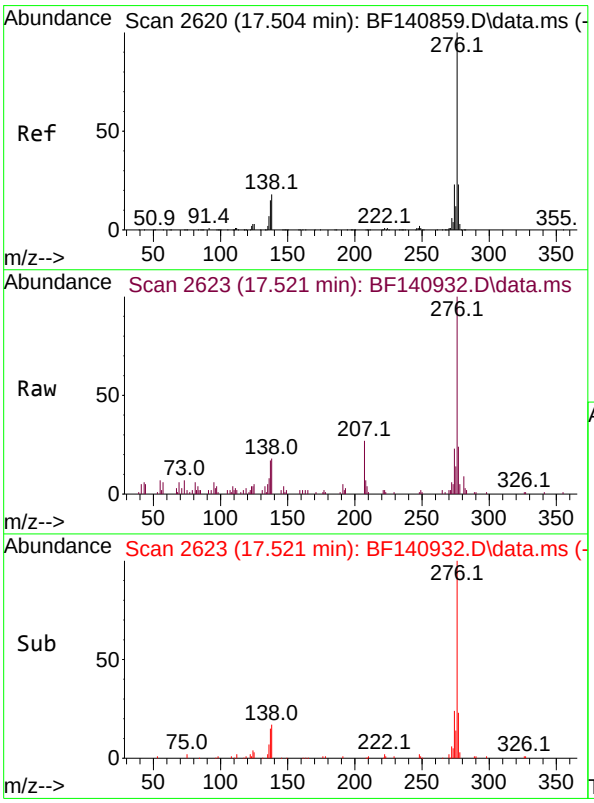
#90
Benzo(a)pyrene
Concen: 7.453 ng
RT: 15.486 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Instrument :
BNA_F
ClientSampleId :
VNJ281

Tgt Ion:252 Resp: 53987

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.6	7.5	11.3





#92
Benzo(g,h,i)perylene
Concen: 4.610 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.018 min
Lab File: BF140932.D
Acq: 19 Dec 2024 17:49

Tgt Ion:276 Resp: 32328

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	17.8	14.2	21.2