Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140776.D
Acq On : 06 Dec 2024 19:26
Operator : RC/JU
Sample : P5096-01DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Quant Time: Dec 06 21:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	93831	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	297001	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	159817	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	272737	20.000	ng		0.00
76) Chrysene-d12	14.051	240	197243	20.000	ng		0.00
86) Perylene-d12	15.568	264	229053	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	254651	46.305	ng		0.00
7) Phenol-d6	6.510	99	339772	46.734	ng		0.00
23) Nitrobenzene-d5	7.428	82	212700	36.632	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	66464	38.885	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	355983	33.188	ng		-0.01
79) Terphenyl-d14	12.980	244	299500	23.644	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	26893	6.259	ng	#	75
25) Isophorone	7.428	82	208692	21.549	ng	#	66
49) Acenaphthylene	9.769	152	32446	2.375	ng		98
51) 2,6-Dinitrotoluene	9.904	165	20433	8.560	ng	#	21
57) 2,4-Dinitrotoluene	9.904	165	20433	6.441	ng	#	18
63) Azobenzene	10.616	77	32028	3.163	ng	#	1
71) Phenanthrene	11.422	178	132824	10.131	ng		99
72) Anthracene	11.475	178	57828	4.509	ng		98
75) Fluoranthene	12.616	202	635376	44.637	ng		99
78) Pyrene	12.845	202	555069	30.435	ng		99
81) Benzo(a)anthracene	14.080	228	262406	20.097	ng		93
83) Chrysene	14.080	228	261802	21.929	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	112670	7.548	ng		98
88) Benzo(b)fluoranthene	15.127	252	518315	36.026	ng	#	97
89) Benzo(k)fluoranthene	15.127	252	518315	41.169	ng	#	97
90) Benzo(a)pyrene	15.504	252	276724	23.656	ng		98
92) Benzo(g,h,i)perylene	17.545	276	71543	5.735	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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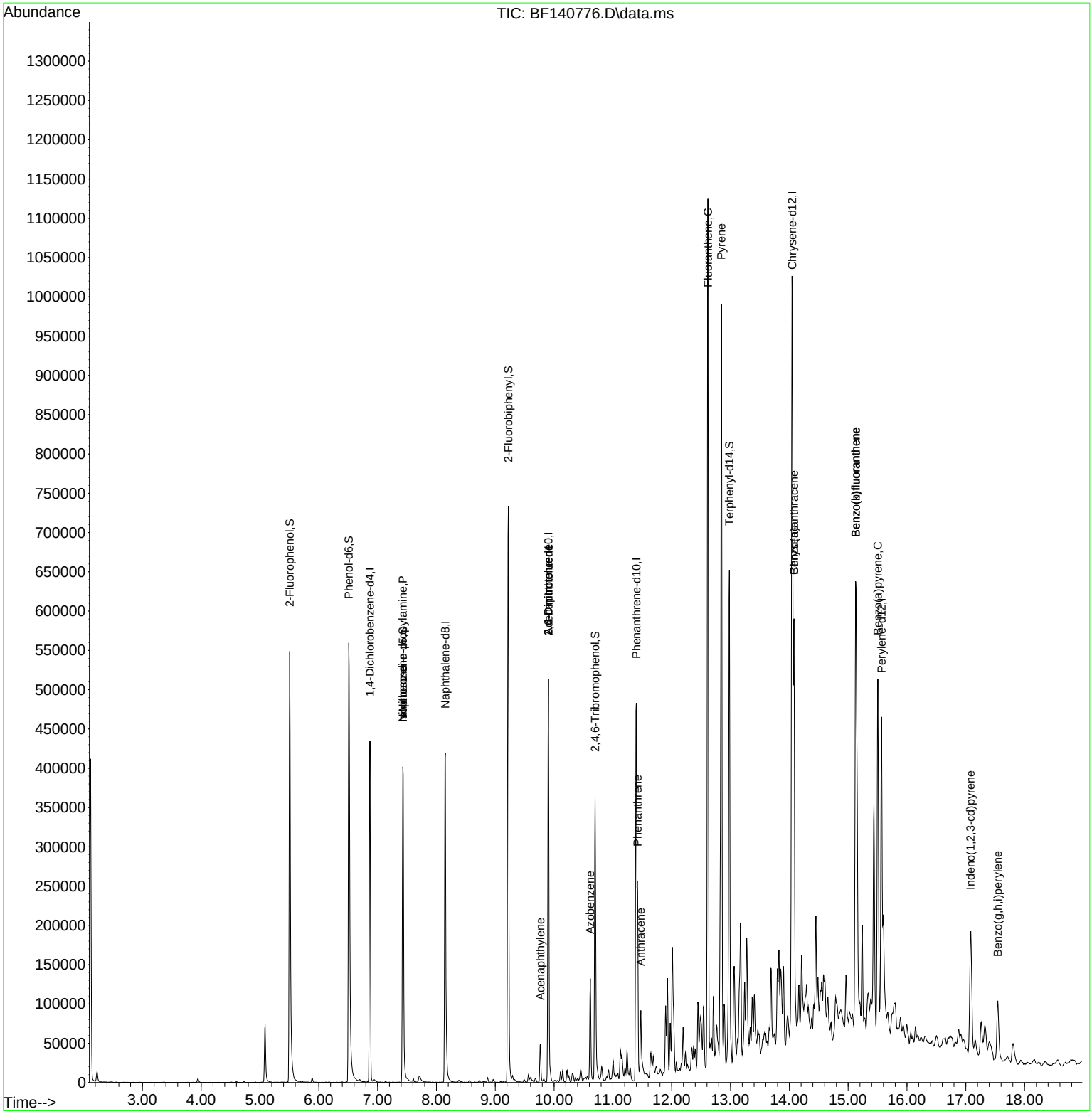
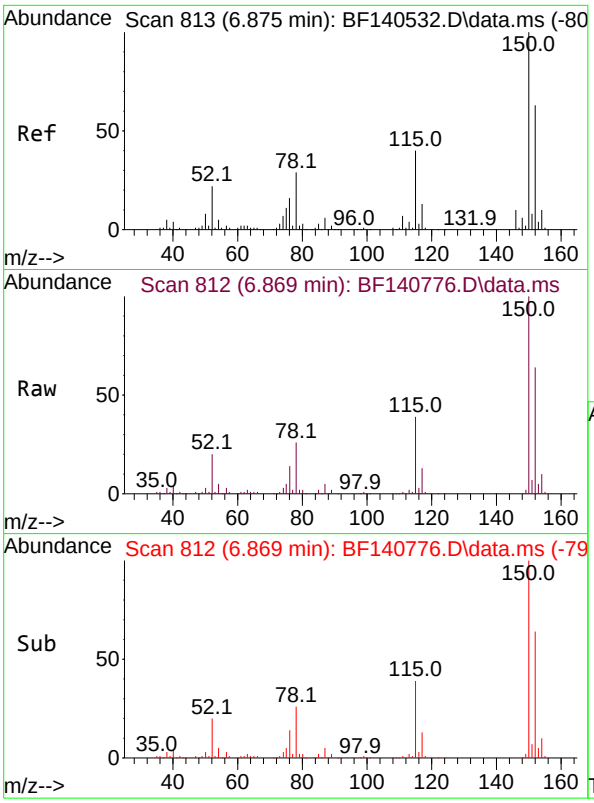


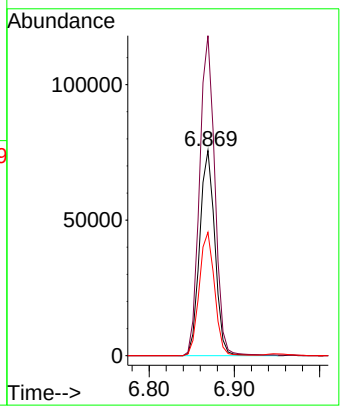


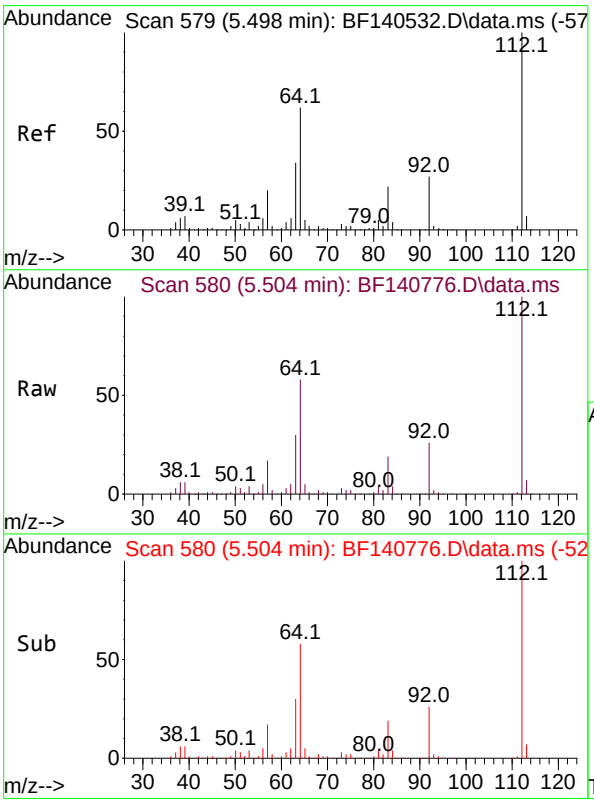
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:152 Resp: 93831

Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.5	192.7
115	60.2	50.2	75.4

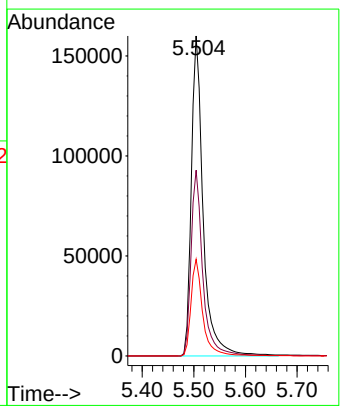


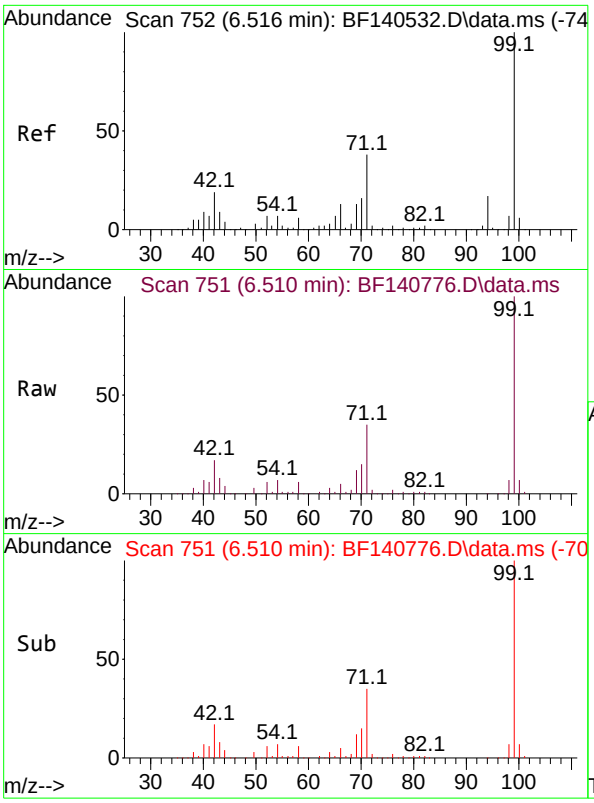


#5
2-Fluorophenol
Concen: 46.305 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:112 Resp: 254651

Ion	Ratio	Lower	Upper
112	100		
64	58.0	49.2	73.8
63	30.2	27.0	40.4



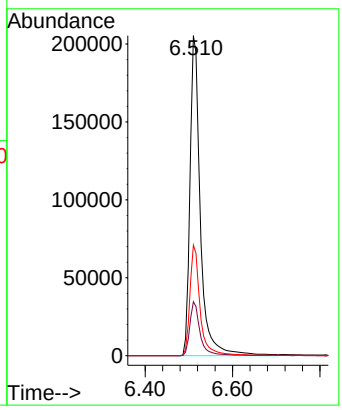


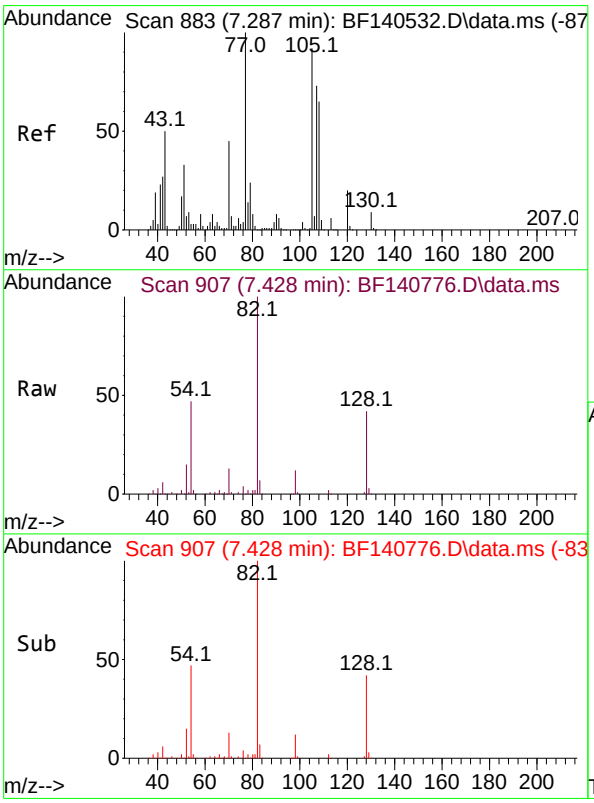
#7
Phenol-d6
Concen: 46.734 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion: 99 Resp: 339772

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.4	23.0
71	34.5	30.6	46.0

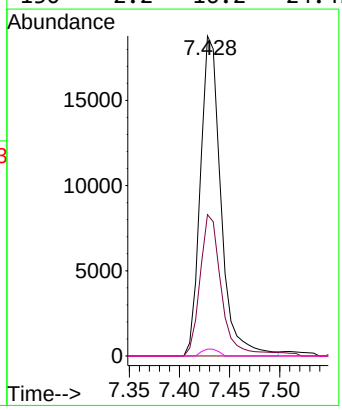


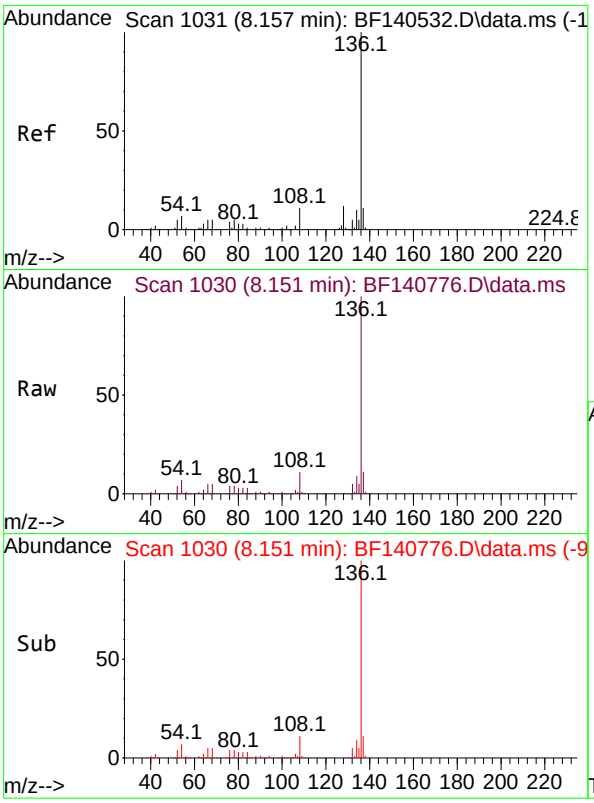


#19
n-Nitroso-di-n-propylamine
Concen: 6.259 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion: 70 Resp: 26893

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.6	71.4#
101	0.0	7.6	11.4#
130	2.2	16.2	24.4#



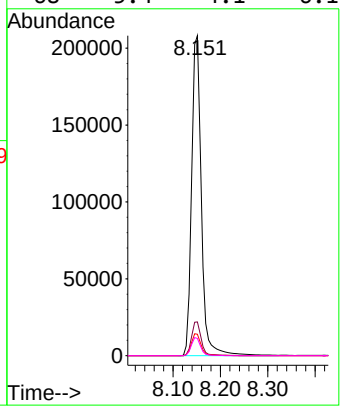


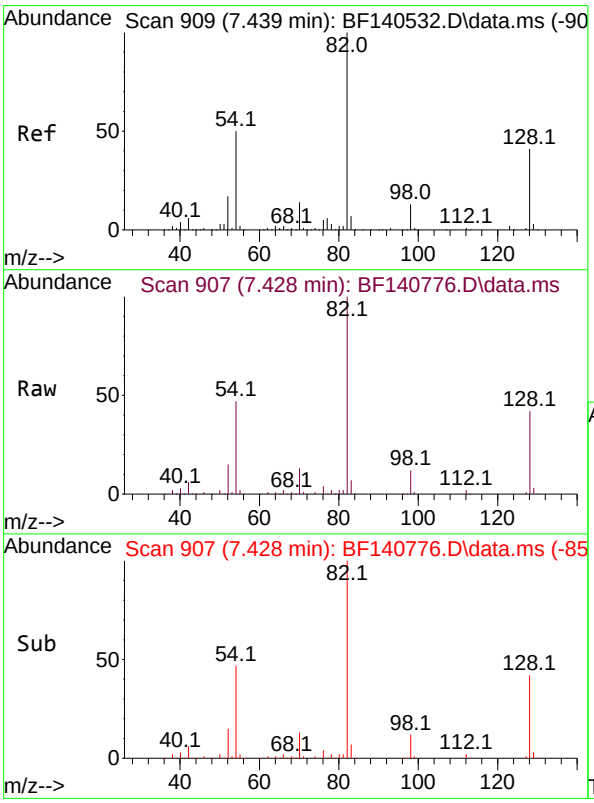
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:136 Resp: 297001

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.7	5.8	8.8
68	5.4	4.1	6.1

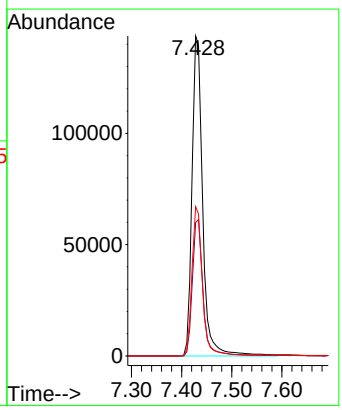


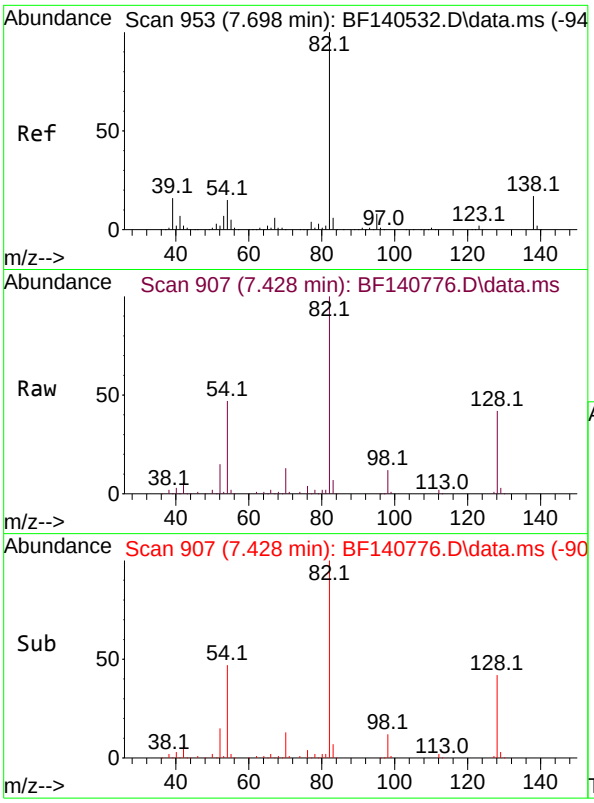


#23
Nitrobenzene-d5
Concen: 36.632 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion: 82 Resp: 212700

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	46.7	39.5	59.3



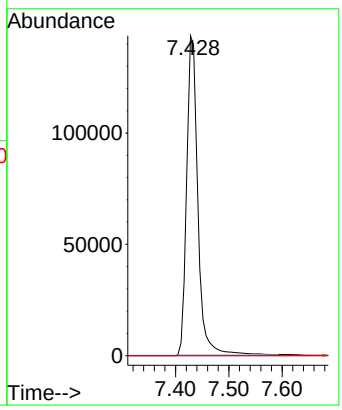


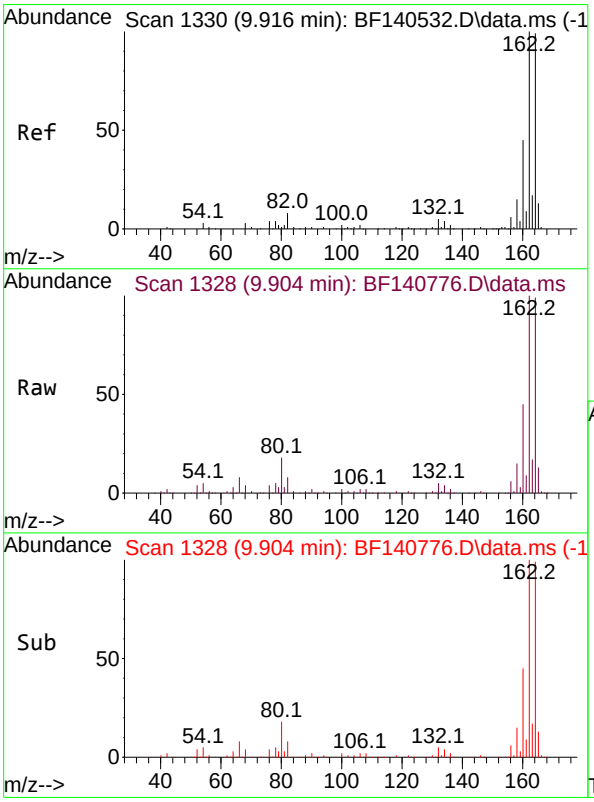
#25
Isophorone
Concen: 21.549 ng
RT: 7.428 min Scan# 9
Delta R.T. -0.270 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion: 82 Resp: 208692

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.8	20.6#

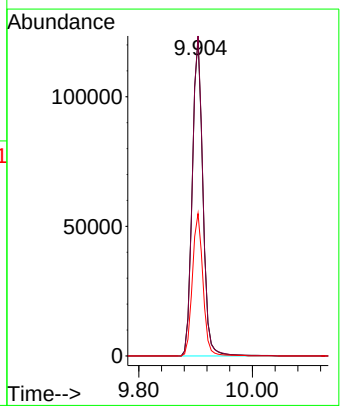


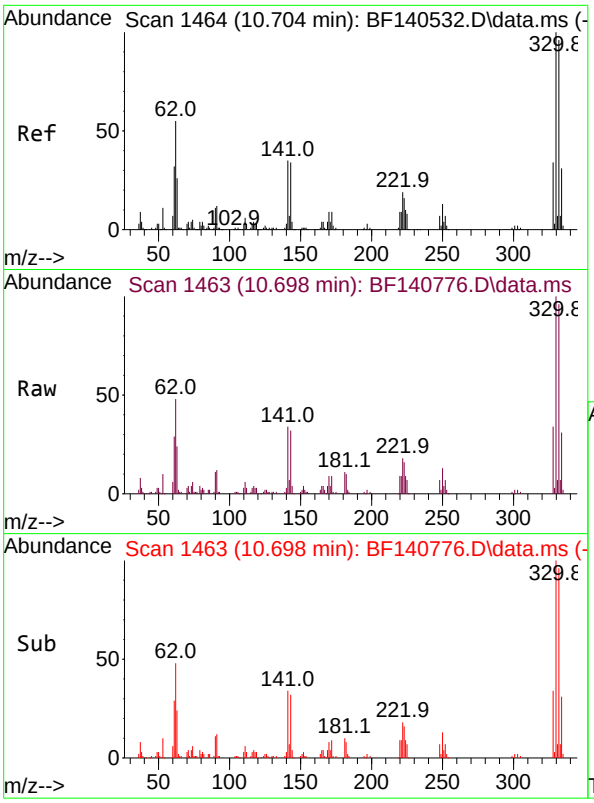


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:164 Resp: 159817

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.9	36.2	54.4



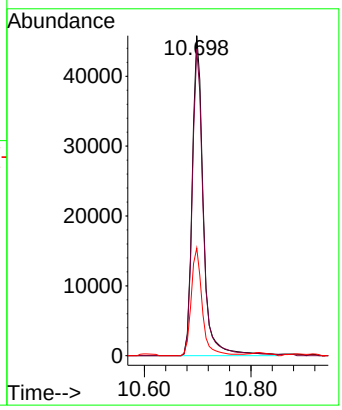


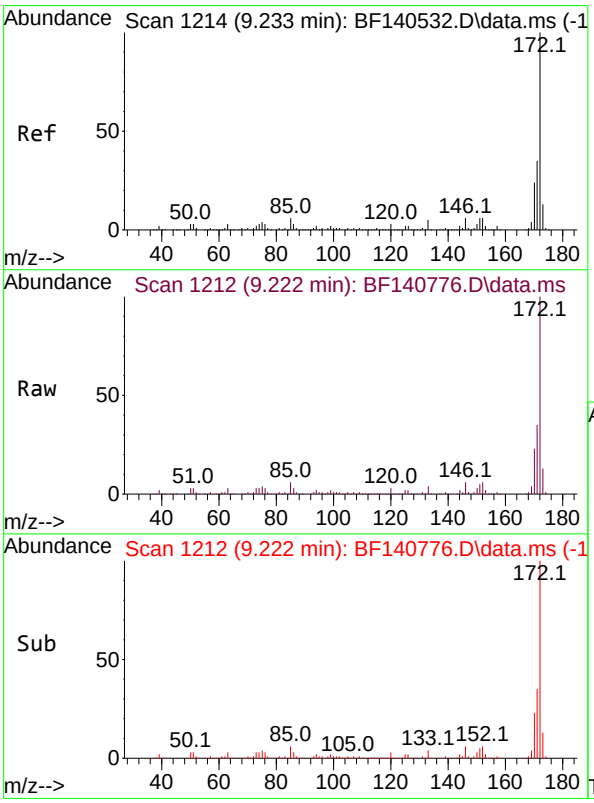
#42
2,4,6-Tribromophenol
Concen: 38.885 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:330 Resp: 66464

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	33.4	26.7	40.1

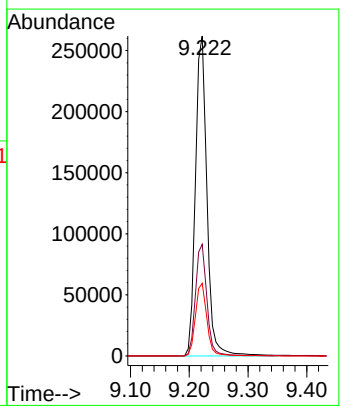


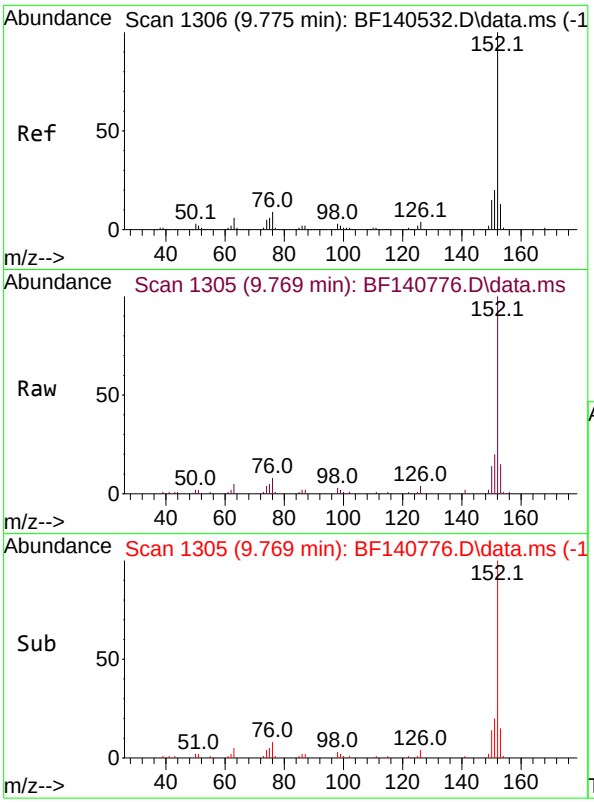


#45
2-Fluorobiphenyl
Concen: 33.188 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:172 Resp: 355983

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	22.7	19.0	28.6



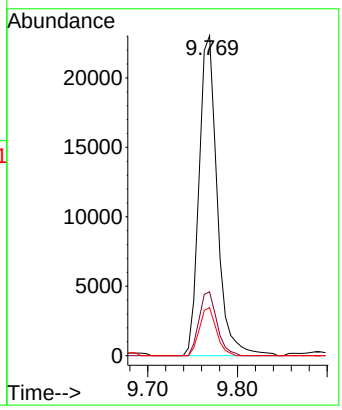


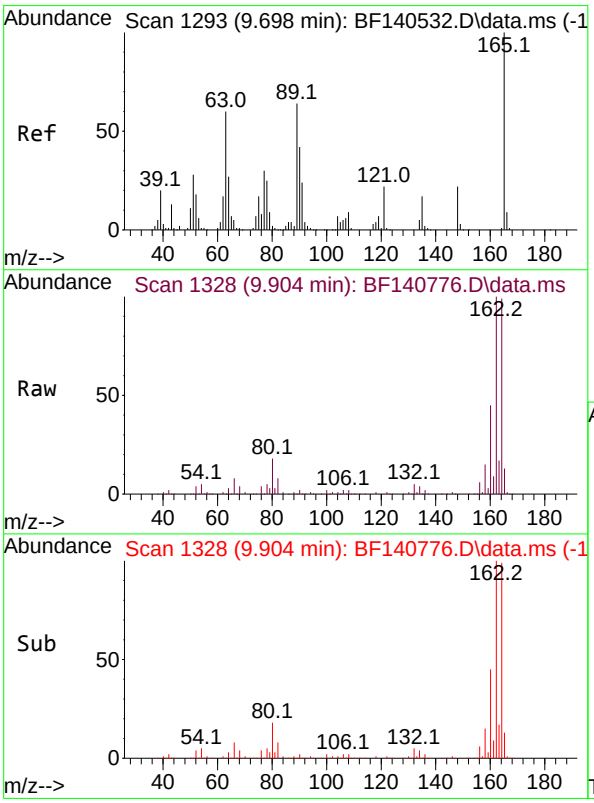
#49
Acenaphthylene
Concen: 2.375 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:152 Resp: 32446

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	15.0	10.6	16.0

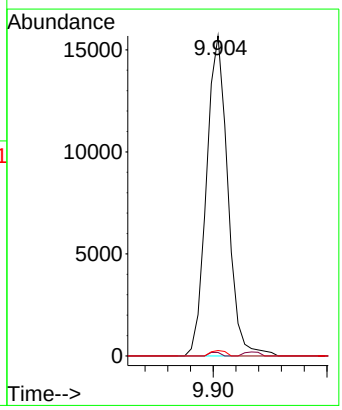


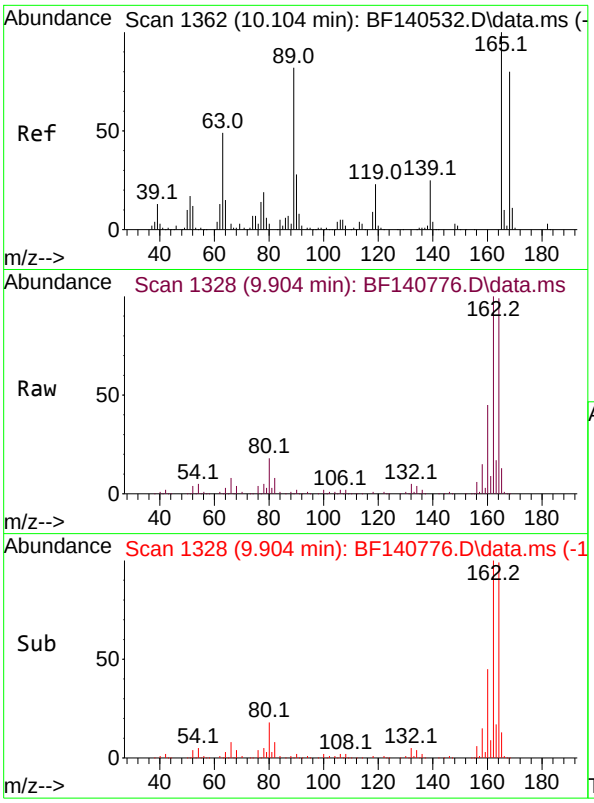


#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:165 Resp: 20433

Ion	Ratio	Lower	Upper
165	100		
63	1.1	49.9	74.9#
89	1.7	50.9	76.3#



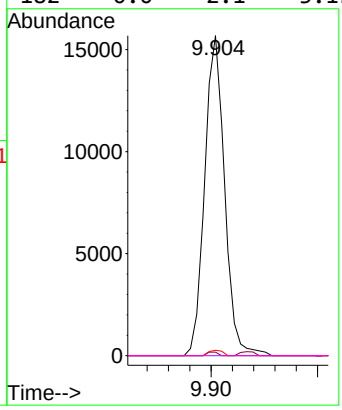


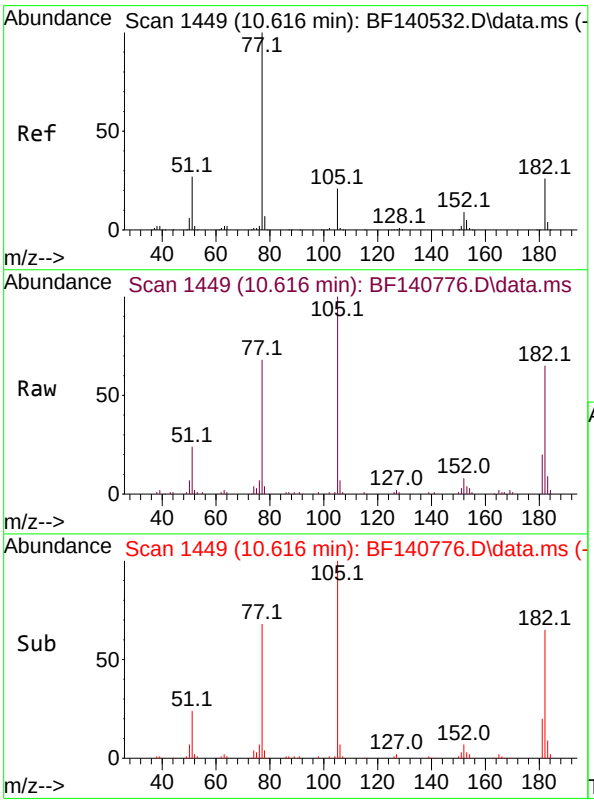
#57
2,4-Dinitrotoluene
Concen: 6.441 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:165 Resp: 20433

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.7	65.8	98.8#
182	0.0	2.1	3.1#

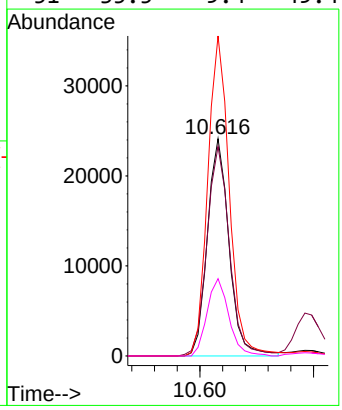


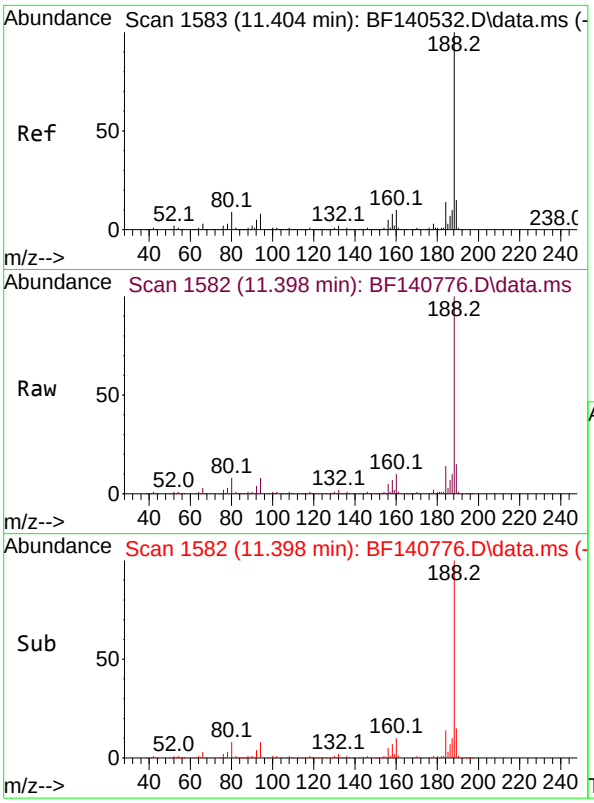


#63
Azobenzene
Concen: 3.163 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion: 77 Resp: 32028

Ion	Ratio	Lower	Upper
77	100		
182	96.4	5.3	45.3#
105	147.2	0.3	40.3#
51	35.5	9.4	49.4



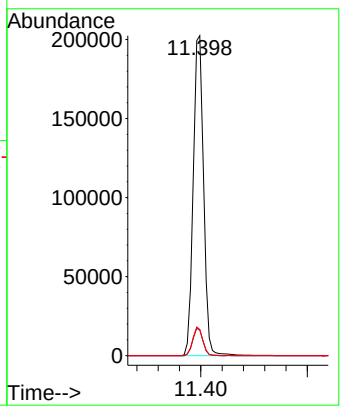


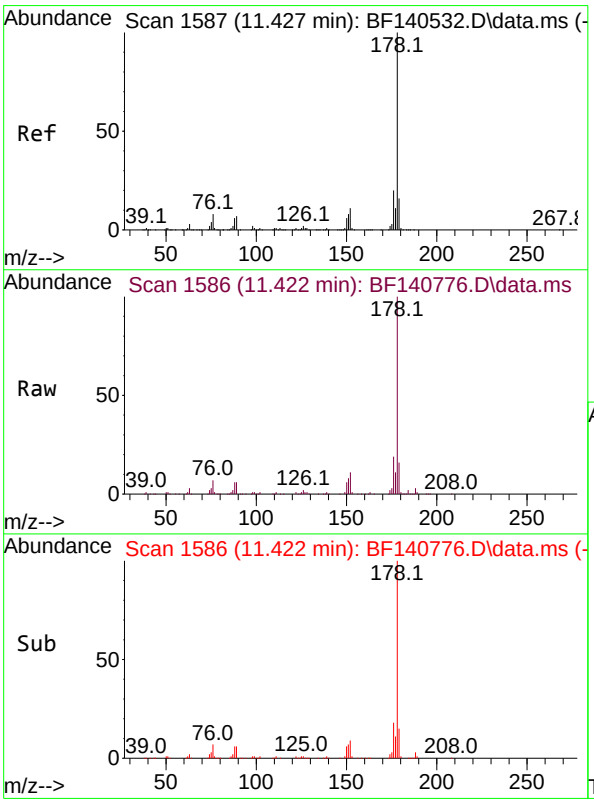
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:188 Resp: 272737

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.2	6.9	10.3

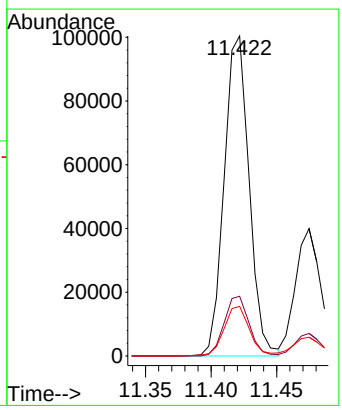


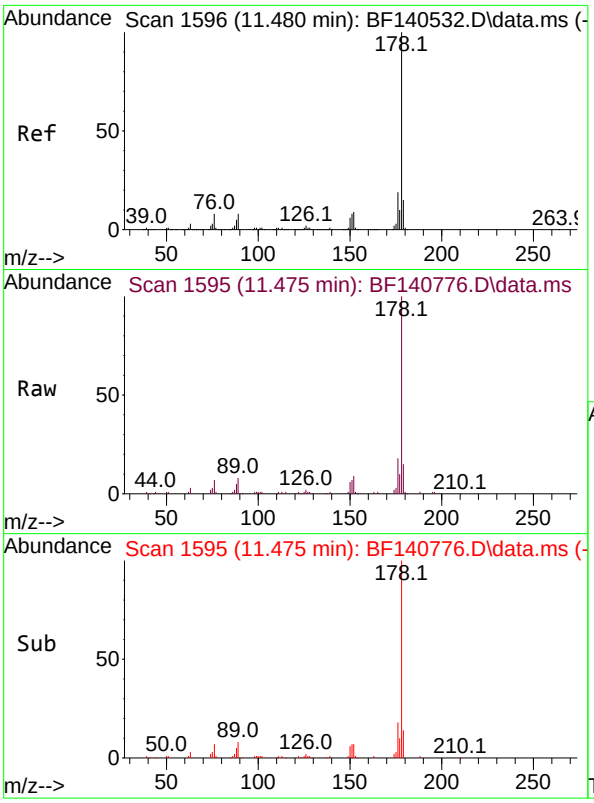


#71
Phenanthrene
Concen: 10.131 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:178 Resp: 132824

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.5	12.4	18.6



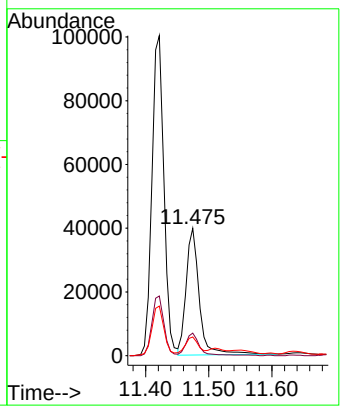


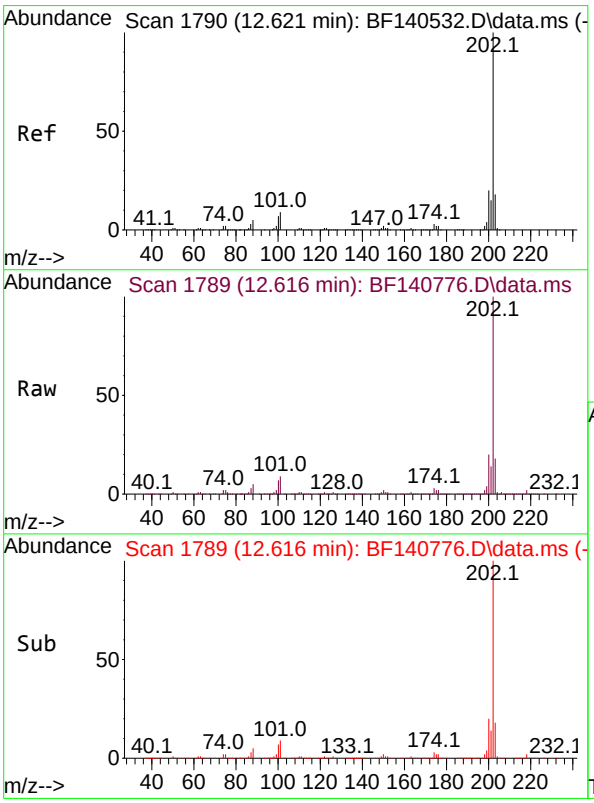
#72
Anthracene
Concen: 4.509 ng
RT: 11.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:178 Resp: 57828

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	14.8	12.2	18.4

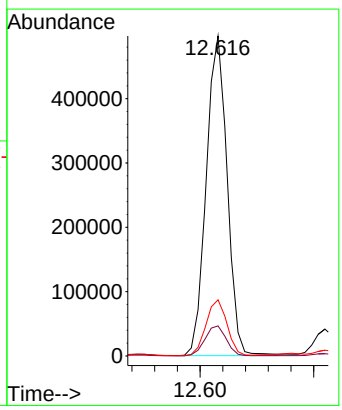


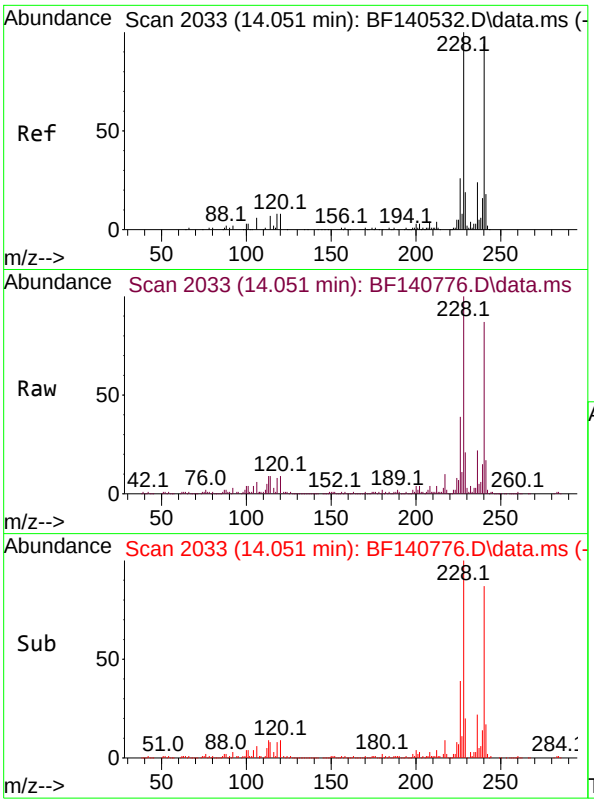


#75
Fluoranthene
Concen: 44.637 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:202 Resp: 635376

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.9
203	17.6	0.0	37.6



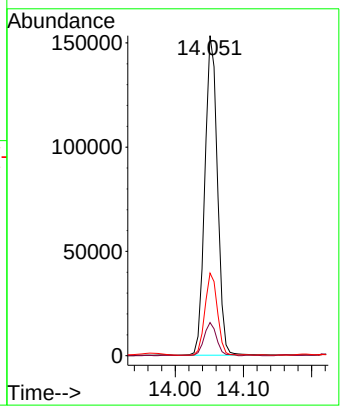


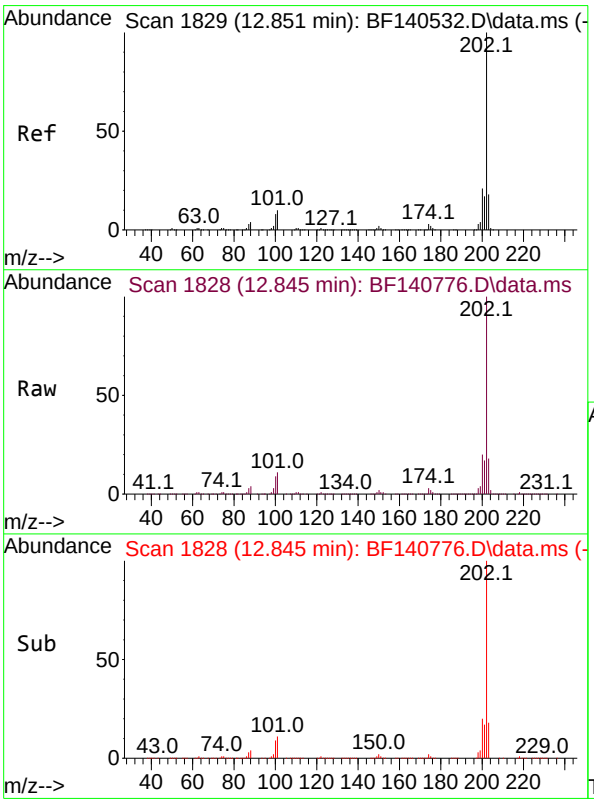
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:240 Resp: 197243

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.3	10.9
236	25.8	20.6	31.0

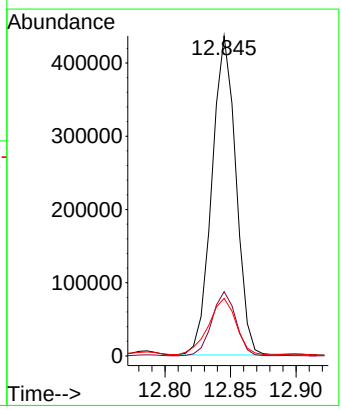


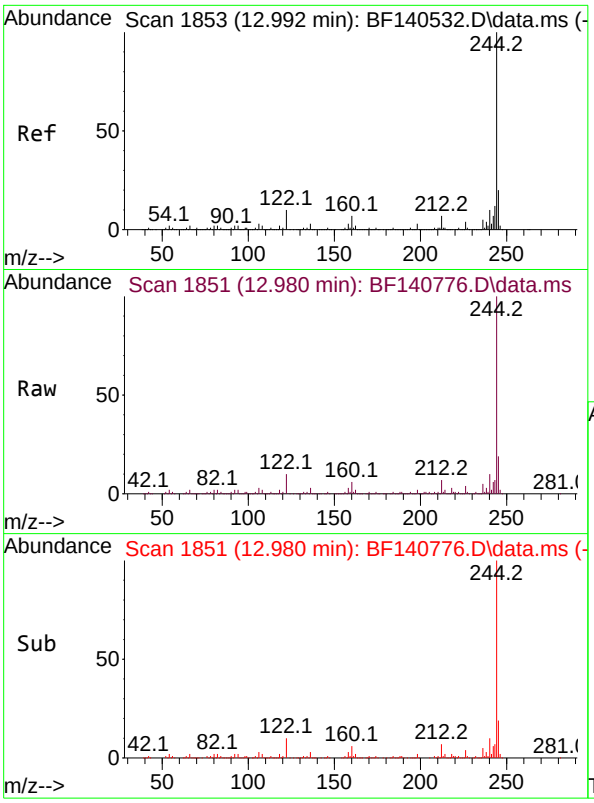


#78
Pyrene
Concen: 30.435 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:202 Resp: 555069

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	18.0	14.2	21.4



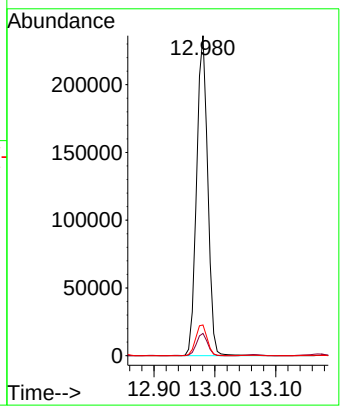


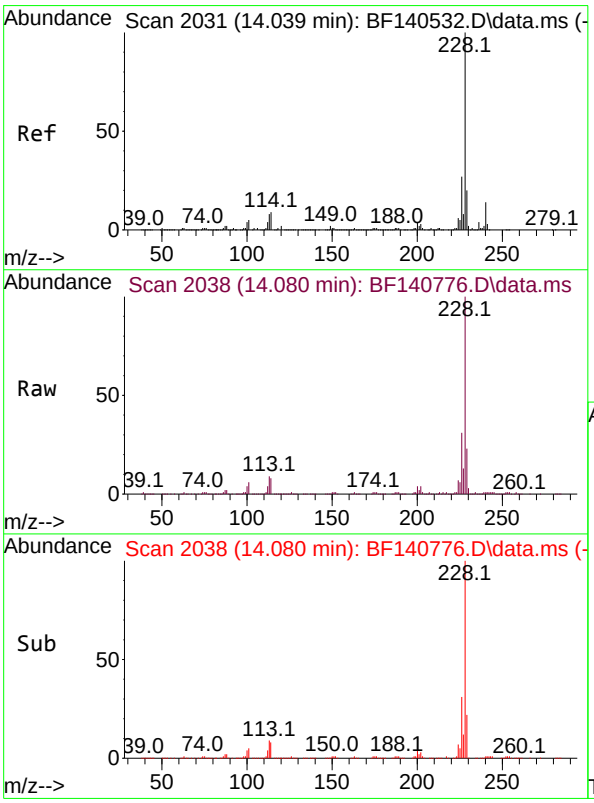
#79
Terphenyl-d14
Concen: 23.644 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:244 Resp: 299500

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.6	8.0	12.0

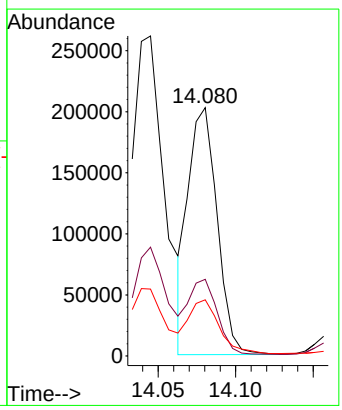


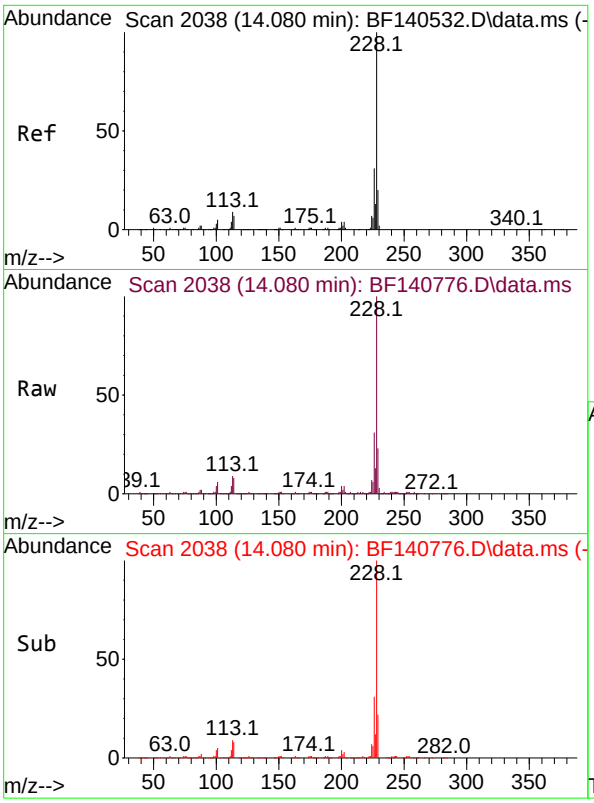


#81
Benzo(a)anthracene
Concen: 20.097 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.041 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:228 Resp: 262406

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.8	32.8
229	22.6	15.8	23.6



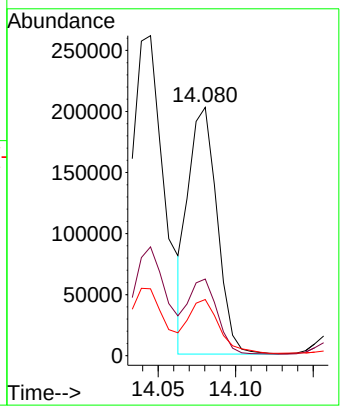


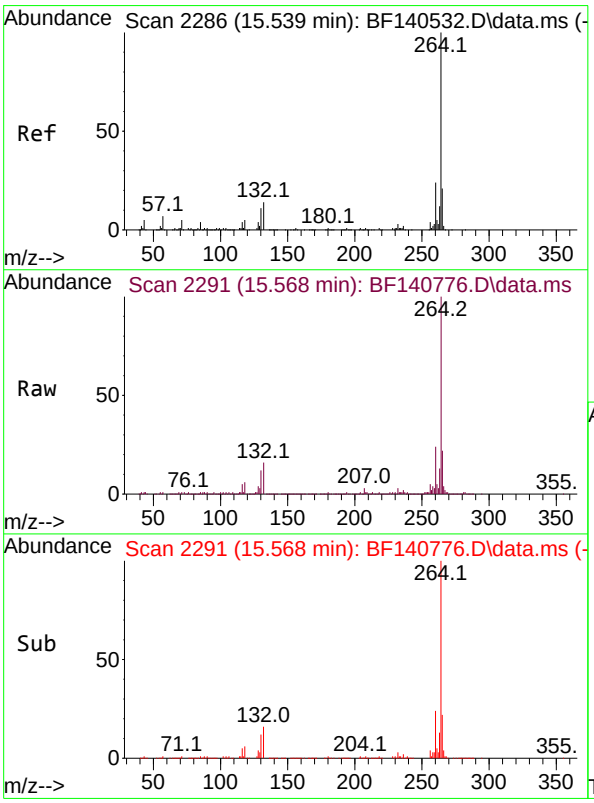
#83
Chrysene
Concen: 21.929 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:228 Resp: 261802

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.6	15.8	23.6

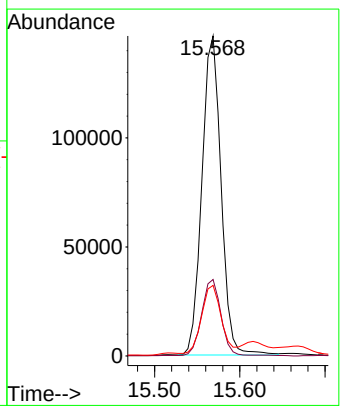


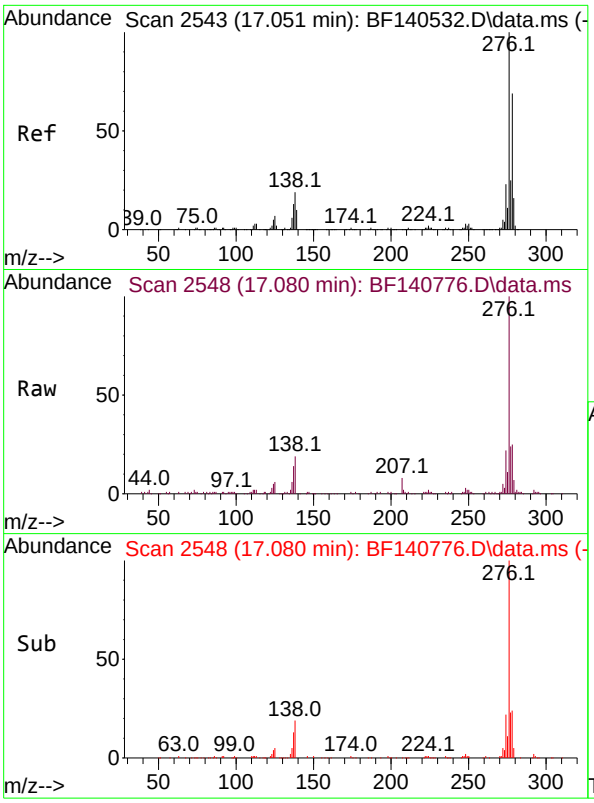


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.030 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:264 Resp: 229053

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.1	16.6	25.0



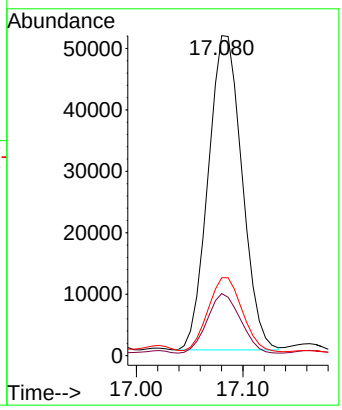


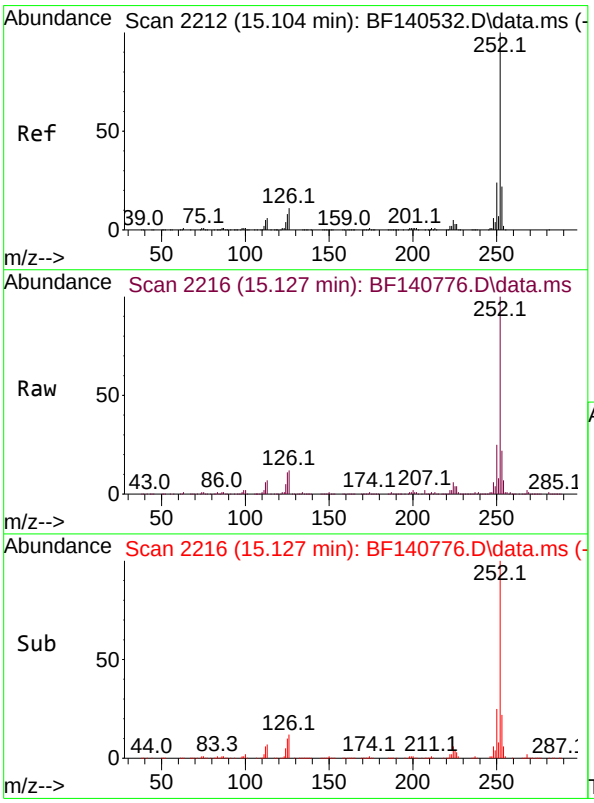
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.548 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.030 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:276 Resp: 112670

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.5	23.3
277	23.8	20.1	30.1

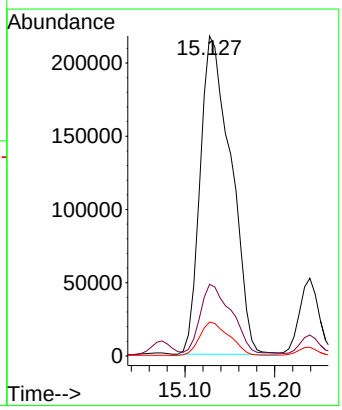


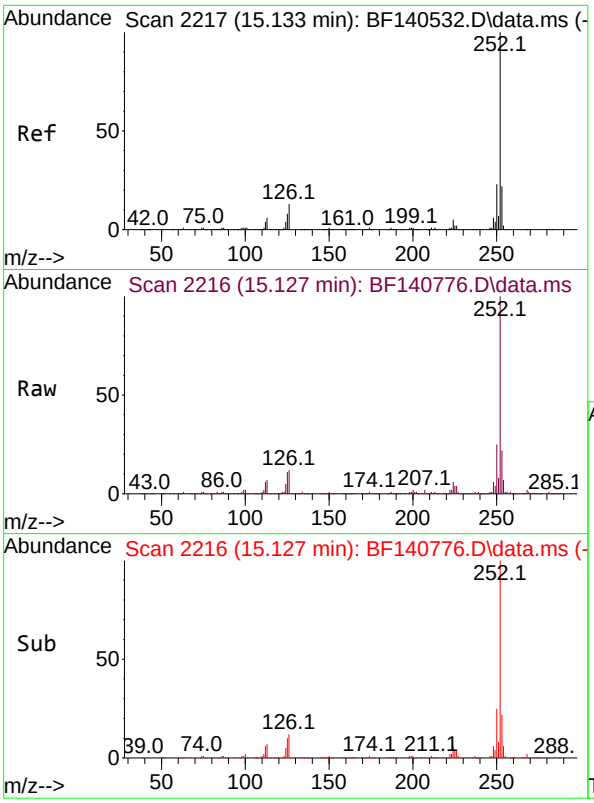


#88
Benzo(b)fluoranthene
Concen: 36.026 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.024 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:252 Resp: 518315

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.6	6.7	10.1#



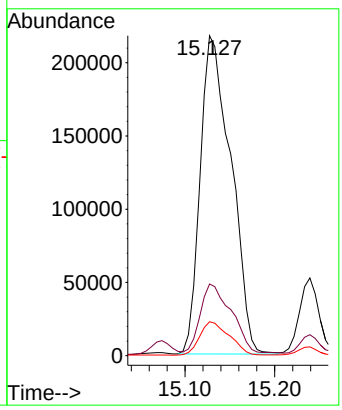


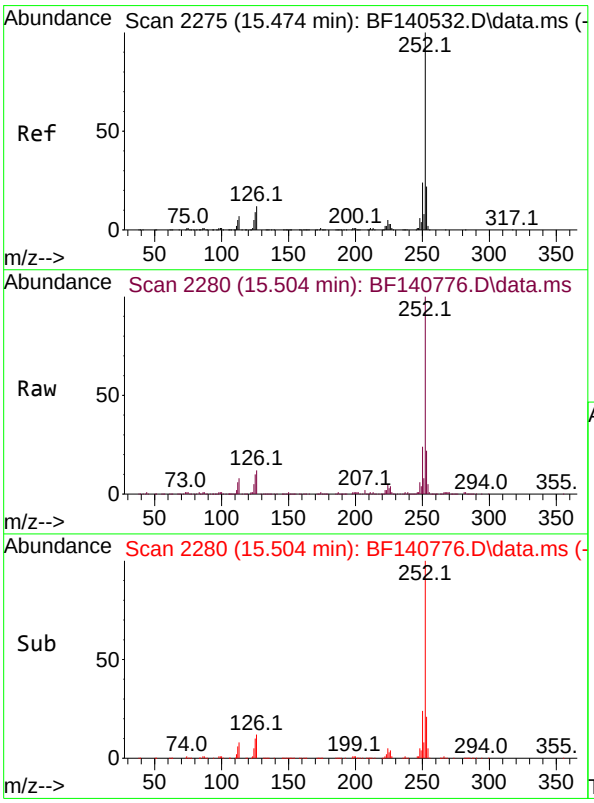
#89
Benzo(k)fluoranthene
Concen: 41.169 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:252 Resp: 518315

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.6	6.5	9.7#

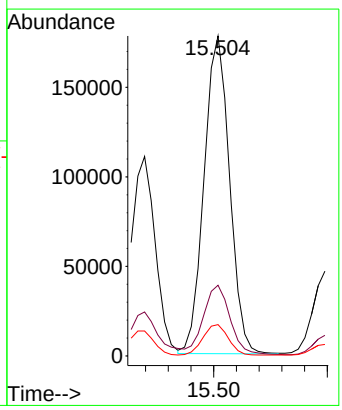


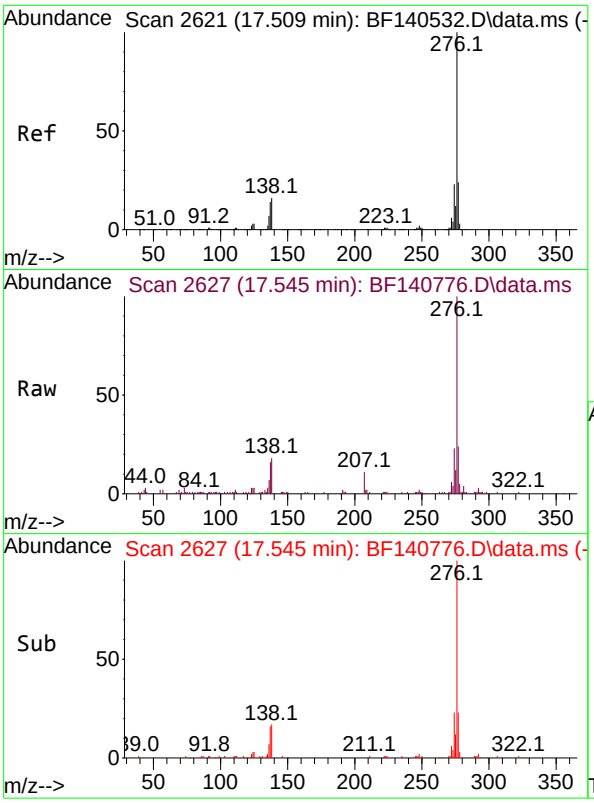


#90
Benzo(a)pyrene
Concen: 23.656 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.030 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Tgt Ion:252 Resp: 276724

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.8	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 5.735 ng
RT: 17.545 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF140776.D
Acq: 06 Dec 2024 19:26

Instrument :
BNA_F
ClientSampleId :
MH-BDL

Tgt Ion:276 Resp: 71543

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	17.8	13.2	19.8