Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140510.D
Acq On : 20 Nov 2024 20:02
Operator : RC/JU
Sample : P4892-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 00:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	109793	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	377655	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	180123	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	278778	20.000	ng		0.00
76) Chrysene-d12	14.045	240	208770	20.000	ng		0.00
86) Perylene-d12	15.533	264	217412	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	621437	96.639	ng		0.01
7) Phenol-d6	6.510	99	786740	90.303	ng		0.00
23) Nitrobenzene-d5	7.434	82	492636	67.966	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	155928	87.053	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	862994	77.020	ng		0.00
79) Terphenyl-d14	12.980	244	704237	58.553	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	72038	13.691	ng	#	75
25) Isophorone	7.434	82	487807	37.973	ng	#	67
49) Acenaphthylene	9.769	152	54144	3.585	ng		98
52) Acenaphthene	9.939	154	22021	2.159	ng		96
63) Azobenzene	10.622	77	37469	3.159	ng	#	1
67) 4-Bromophenyl-phenylether	10.698	248	9938	3.566	ng	#	1
71) Phenanthrene	11.422	178	170137	12.992	ng		99
72) Anthracene	11.474	178	76439	5.956	ng		99
75) Fluoranthene	12.616	202	360462	24.534	ng		99
78) Pyrene	12.845	202	363983	20.383	ng		99
81) Benzo(a)anthracene	14.033	228	266516	19.424	ng	#	82
83) Chrysene	14.068	228	221479	17.691	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	73495	5.472	ng		96
88) Benzo(b)fluoranthene	15.098	252	284238	19.986	ng	#	95
89) Benzo(k)fluoranthene	15.098	252	284238	24.465	ng	#	94
90) Benzo(a)pyrene	15.468	252	180490	16.342	ng	#	96
91) Dibenzo(a,h)anthracene	17.039	278	22934	2.066	ng	#	82
92) Benzo(g,h,i)perylene	17.486	276	64491	5.682	ng		94

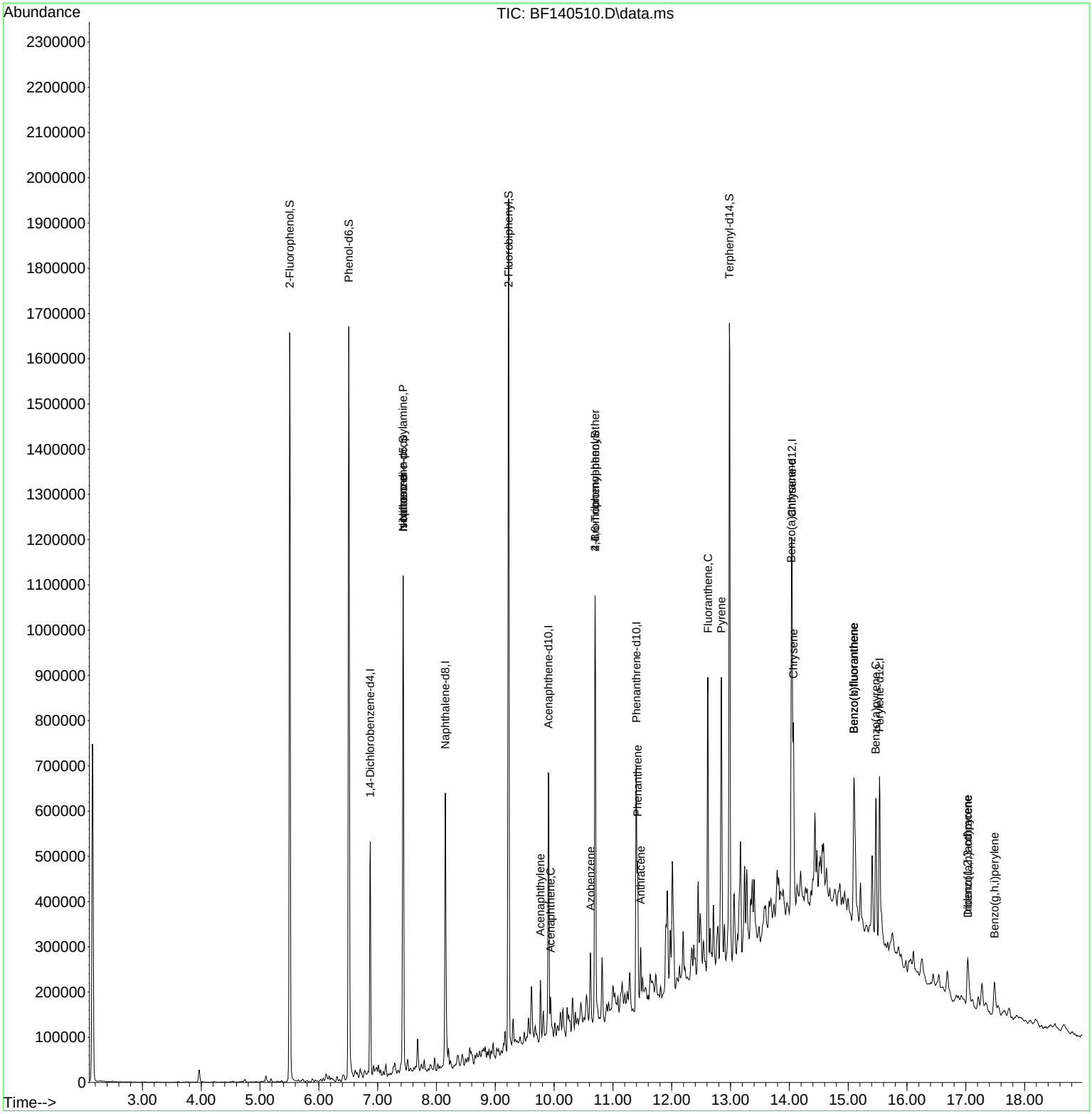
(#) = qualifier out of range (m) = manual integration (+) = signals summed

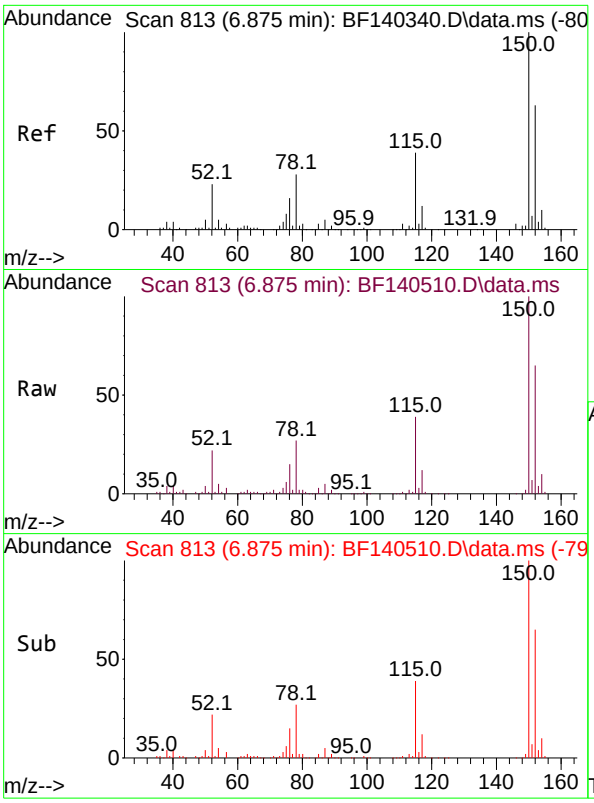
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140510.D
Acq On : 20 Nov 2024 20:02
Operator : RC/JU
Sample : P4892-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 00:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



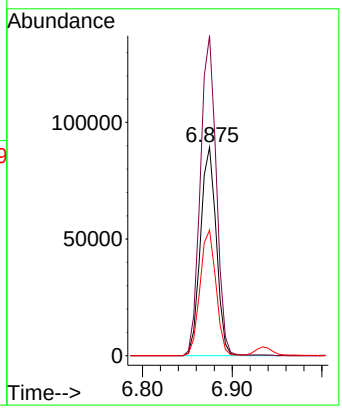


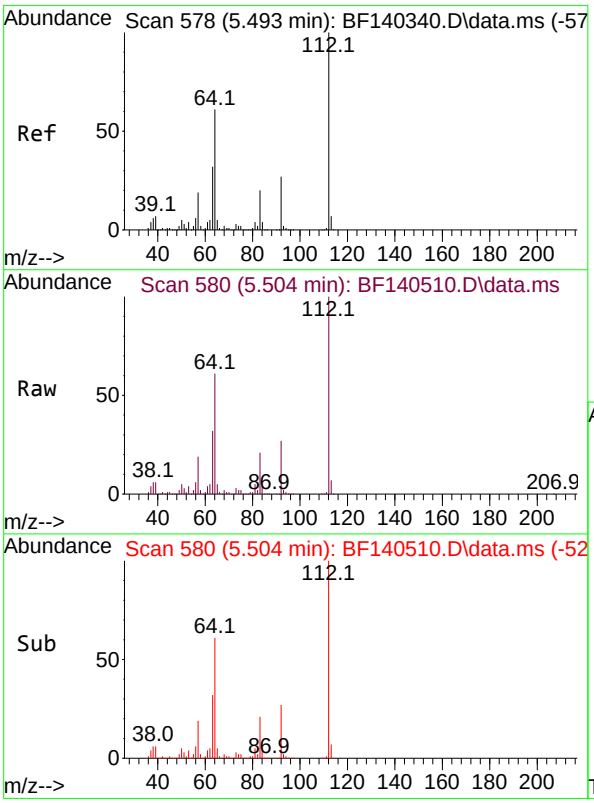
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109793

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	60.2	47.4	71.2

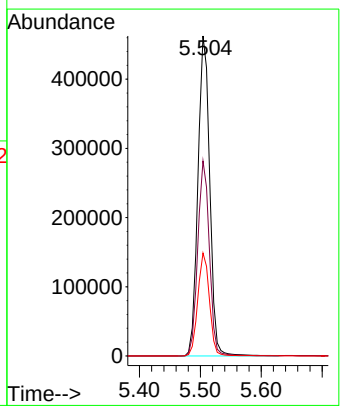


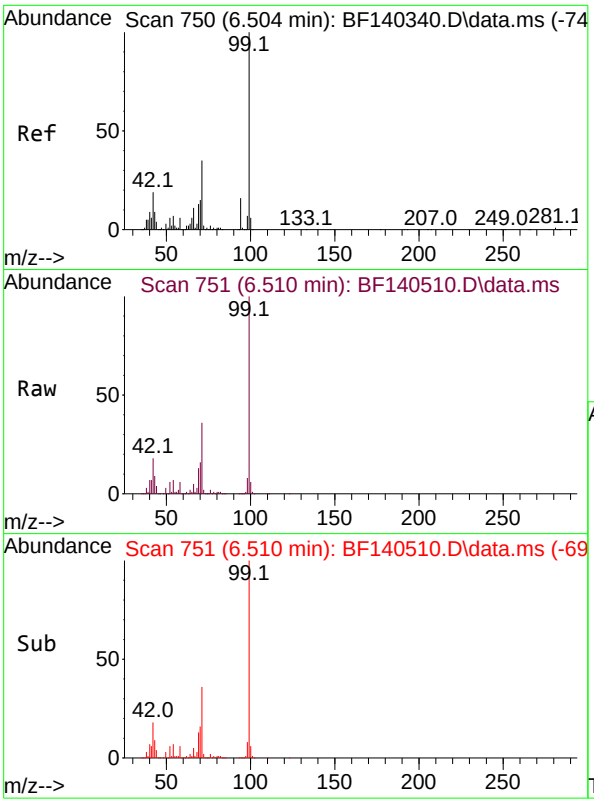


#5
2-Fluorophenol
Concen: 96.639 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:112 Resp: 621437

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.2	73.8
63	32.2	25.6	38.4



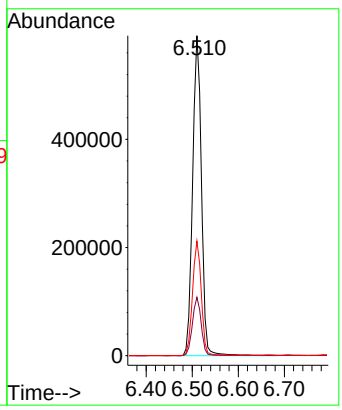


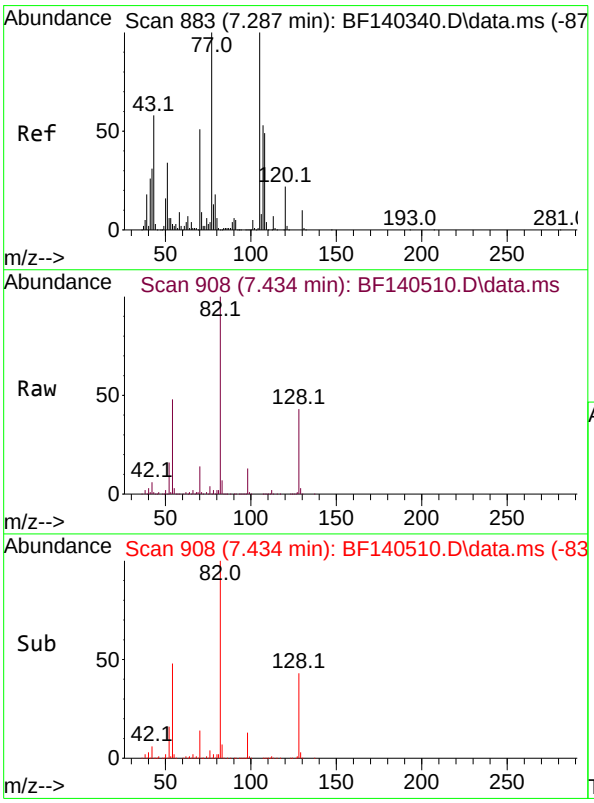
#7
Phenol-d6
Concen: 90.303 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 786740

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	35.8	27.9	41.9

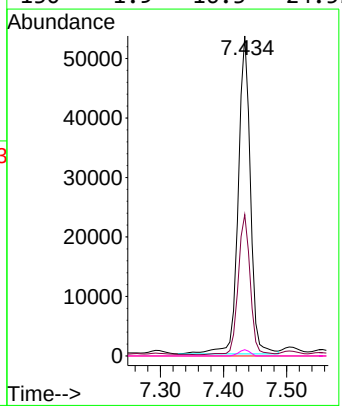


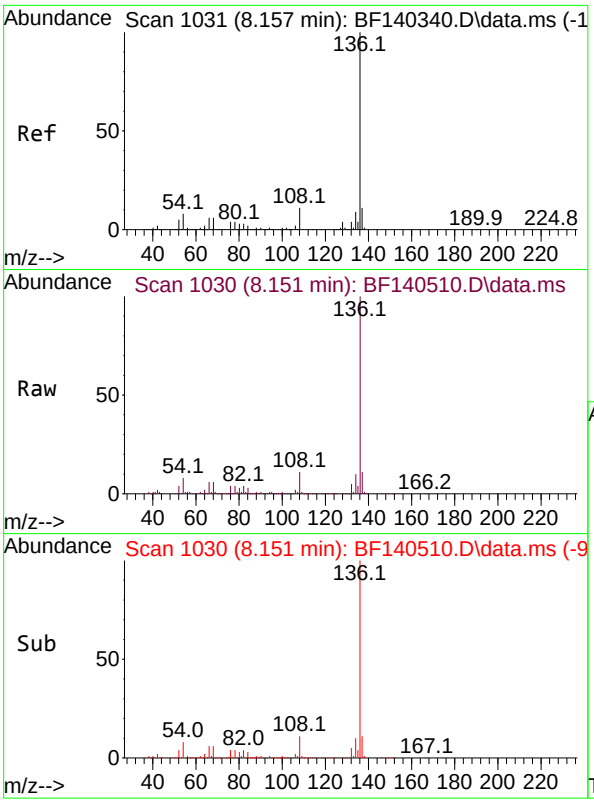


#19
n-Nitroso-di-n-propylamine
Concen: 13.691 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion: 70 Resp: 72038

Ion	Ratio	Lower	Upper
70	100		
42	44.2	46.8	70.2#
101	0.0	7.5	11.3#
130	1.9	16.3	24.5#



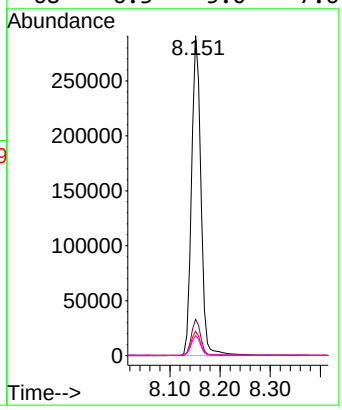


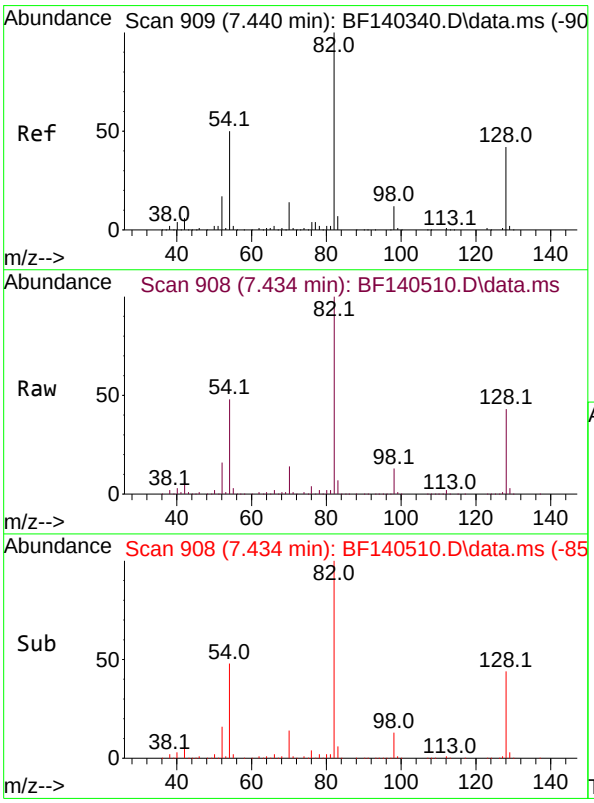
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 377655

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.7	6.5	9.7
68	6.3	5.0	7.6

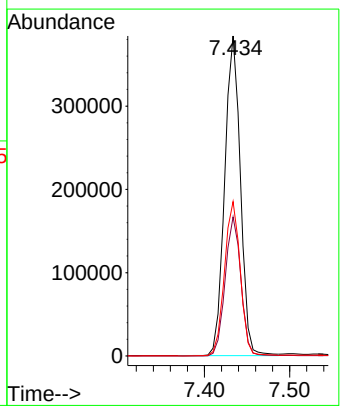


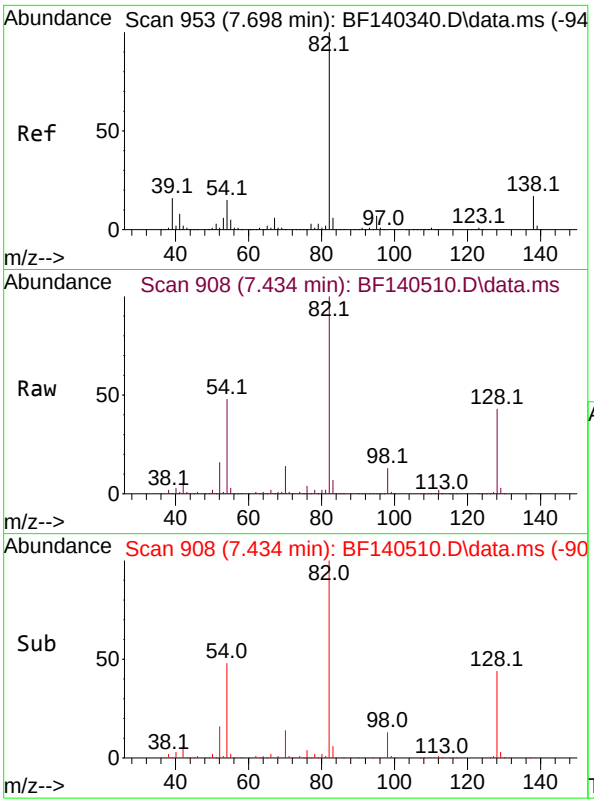


#23
Nitrobenzene-d5
Concen: 67.966 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion: 82 Resp: 492636

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	48.2	39.8	59.8



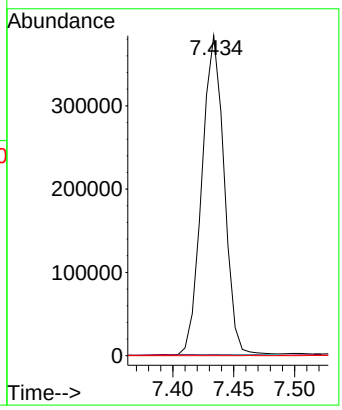


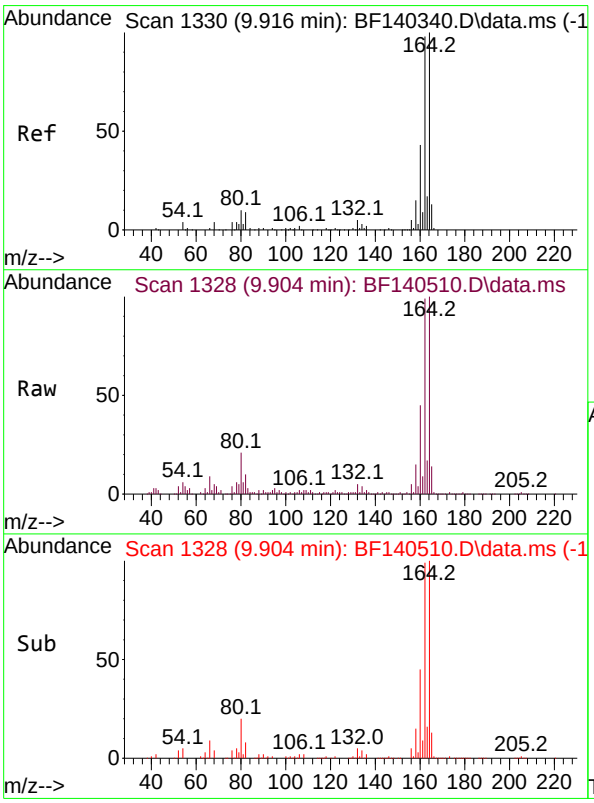
#25
Isophorone
Concen: 37.973 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 487807

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.9	8.9#
138	0.0	13.4	20.2#

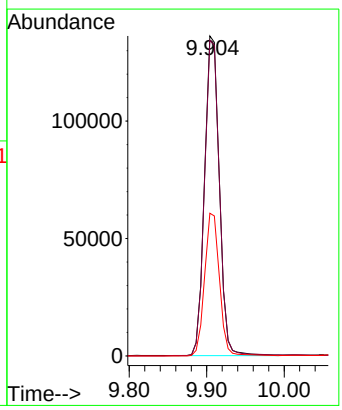


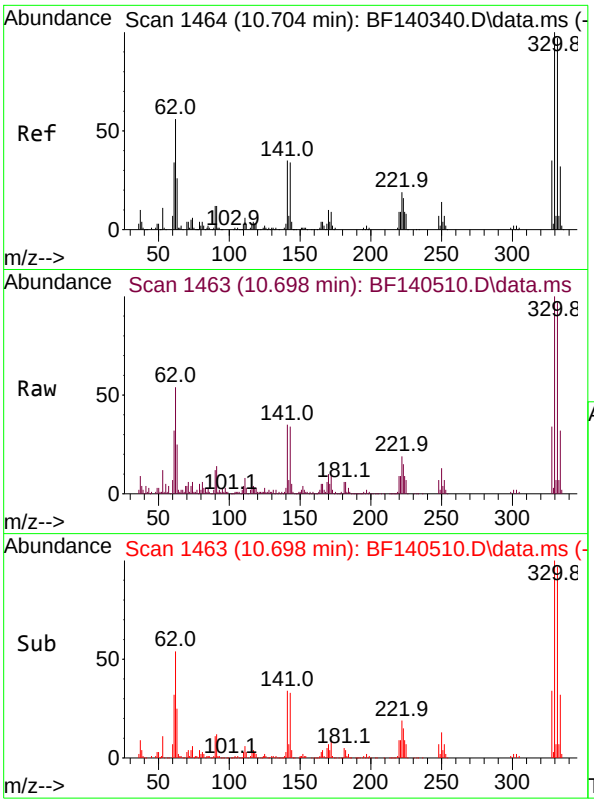


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:164 Resp: 180123

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.8	119.8
160	44.6	35.4	53.0



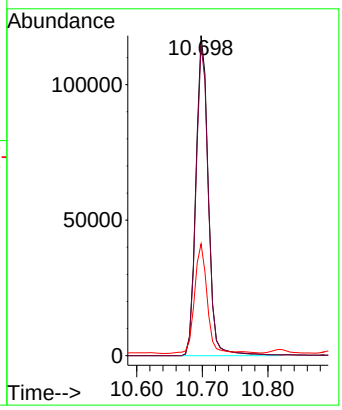


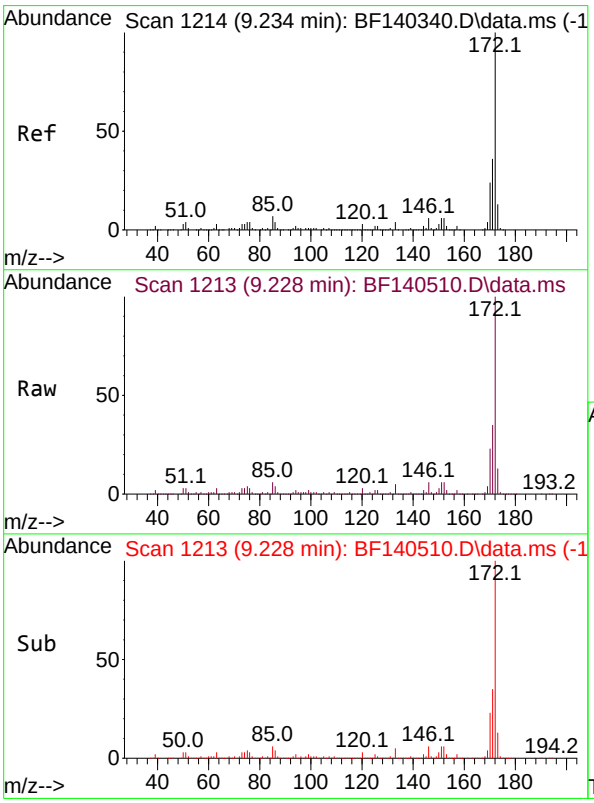
#42
2,4,6-Tribromophenol
Concen: 87.053 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 155928

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.9	113.9
141	34.2	26.9	40.3

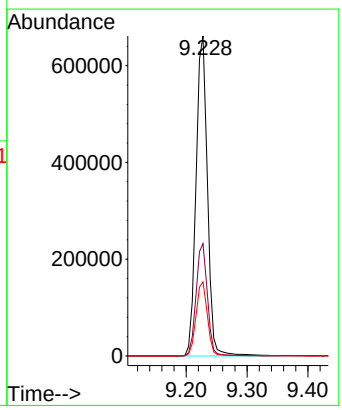


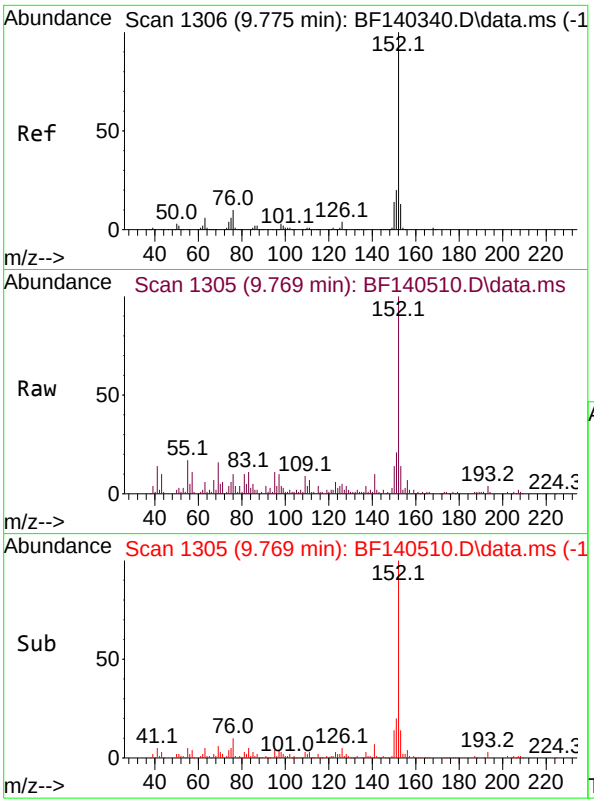


#45
2-Fluorobiphenyl
Concen: 77.020 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:172 Resp: 862994

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.2	19.1	28.7



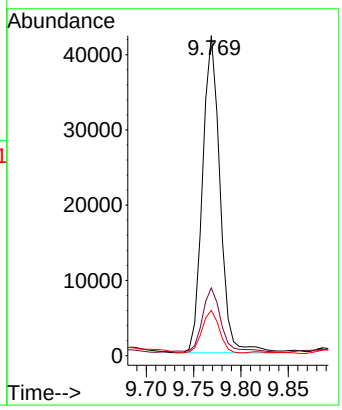


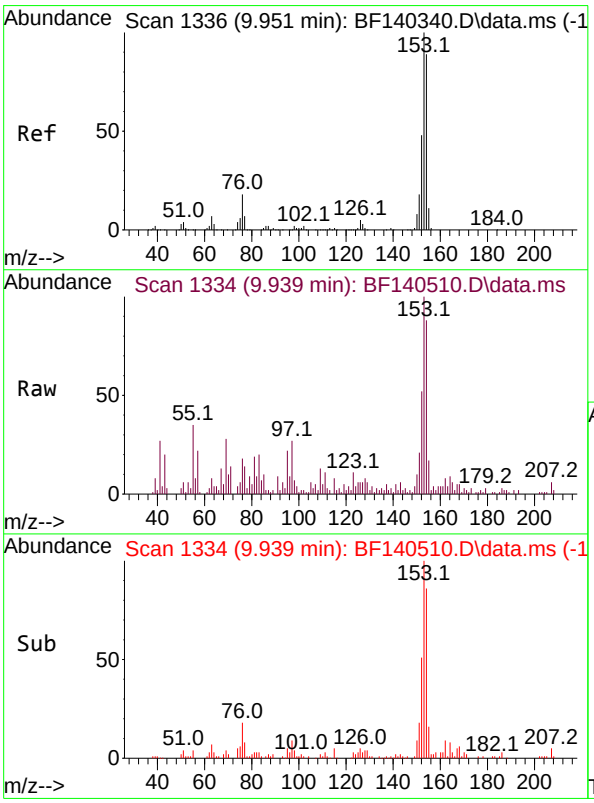
#49
Acenaphthylene
Concen: 3.585 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54144

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.1	24.1
153	14.2	10.7	16.1

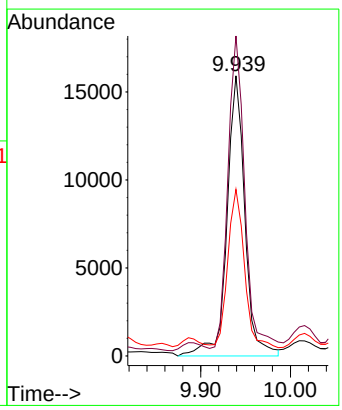


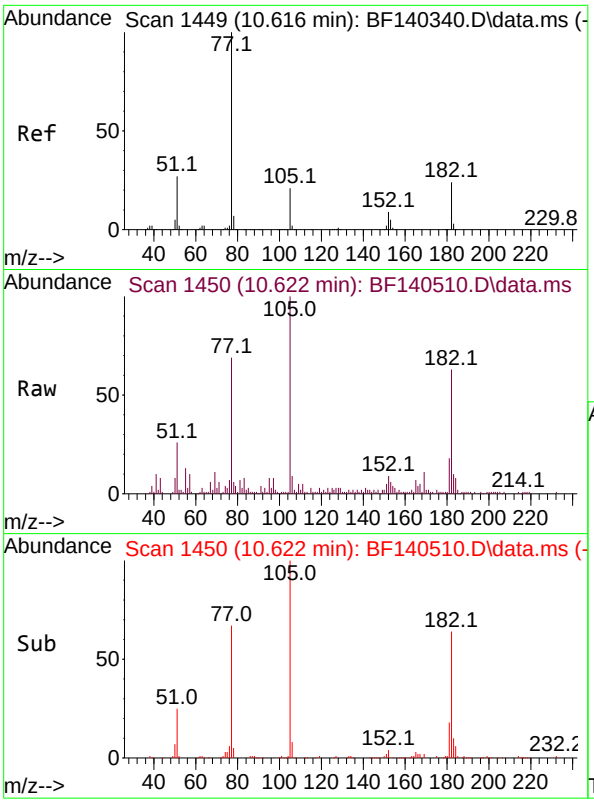


#52
Acenaphthene
Concen: 2.159 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:154 Resp: 22021

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.8
152	59.4	42.6	64.0



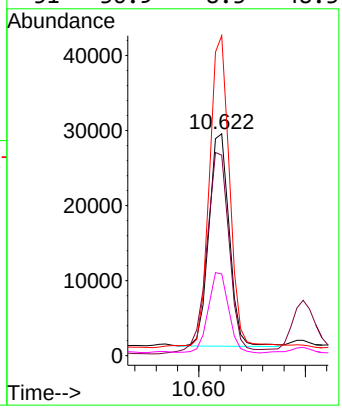


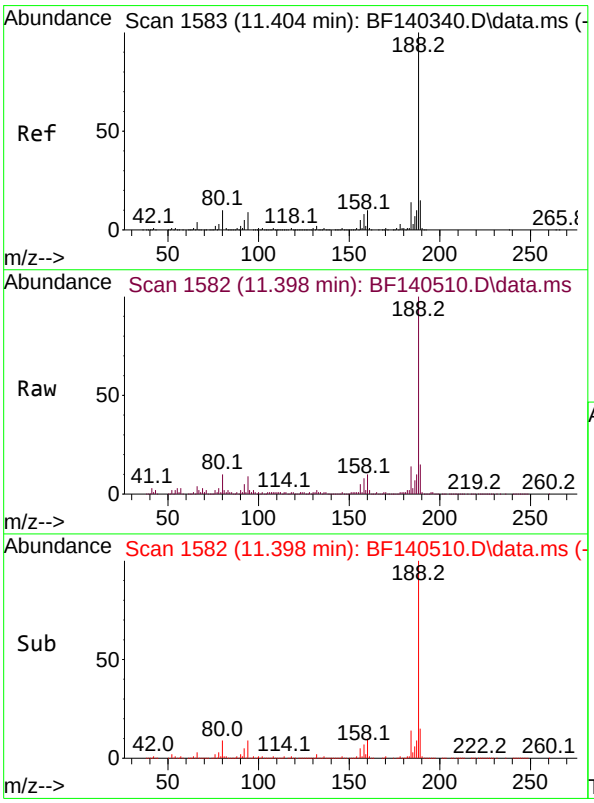
#63
Azobenzene
Concen: 3.159 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 37469

Ion	Ratio	Lower	Upper
77	100		
182	90.3	4.6	44.6#
105	144.2	0.9	40.9#
51	36.9	8.3	48.3

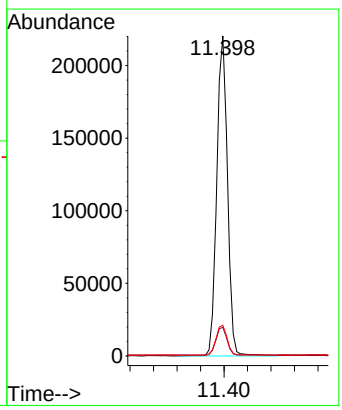


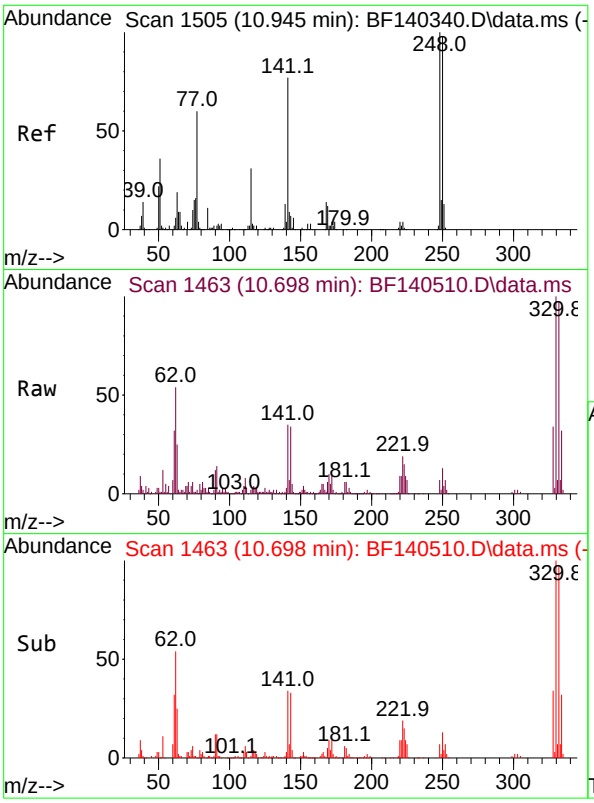


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:188 Resp: 278778

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	9.6	8.0	12.0



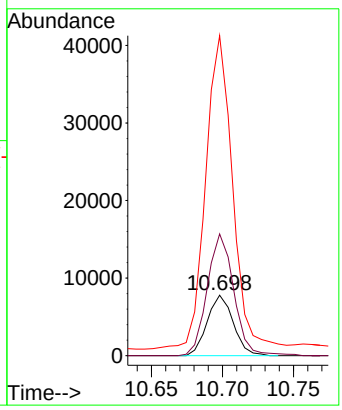


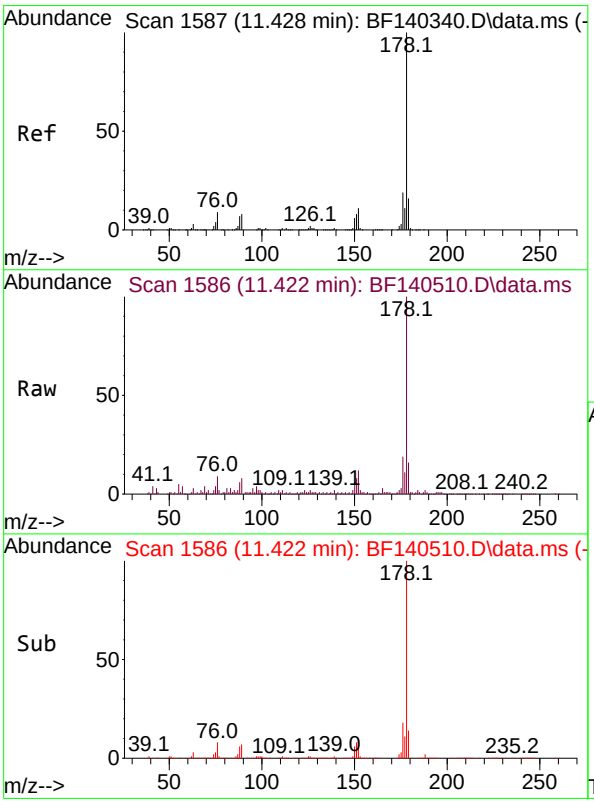
#67
4-Bromophenyl-phenylether
Concen: 3.566 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9938

Ion	Ratio	Lower	Upper
248	100		
250	201.6	77.9	116.9#
141	529.7	61.8	92.6#

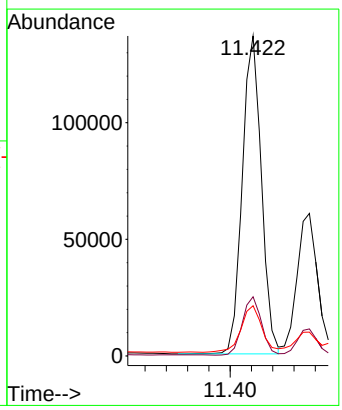


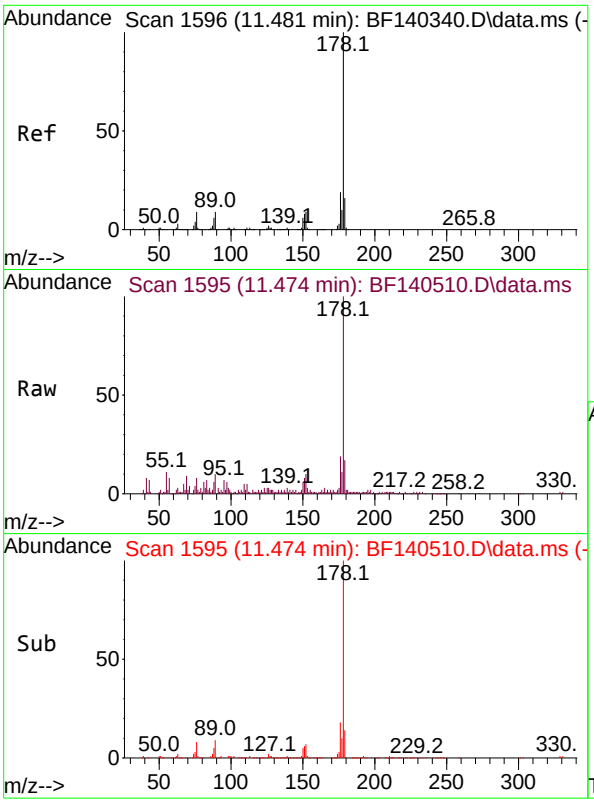


#71
Phenanthrene
Concen: 12.992 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:178 Resp: 170137

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.7	12.4	18.6



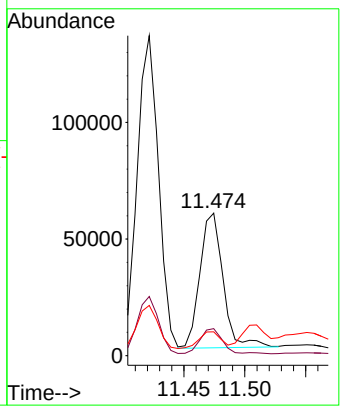


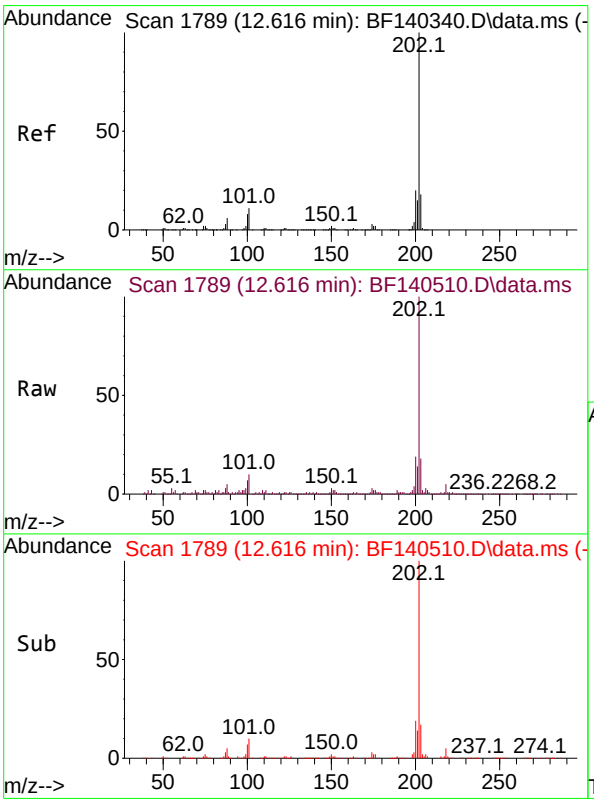
#72
Anthracene
Concen: 5.956 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 76439

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.8	12.6	18.8

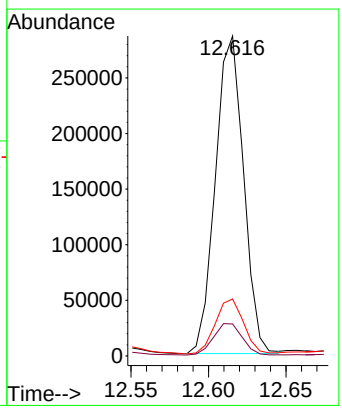


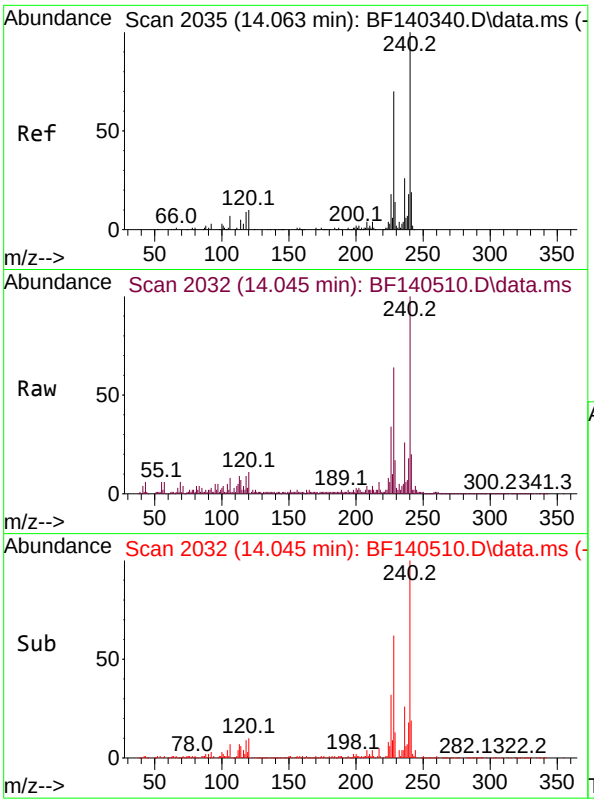


#75
Fluoranthene
Concen: 24.534 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:202 Resp: 360462

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.7
203	17.8	0.0	37.7



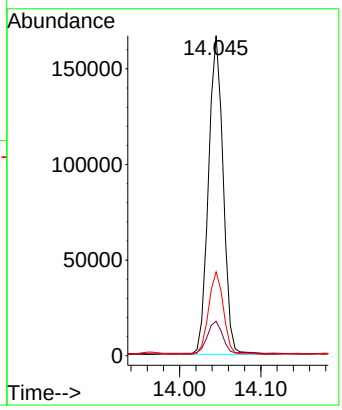


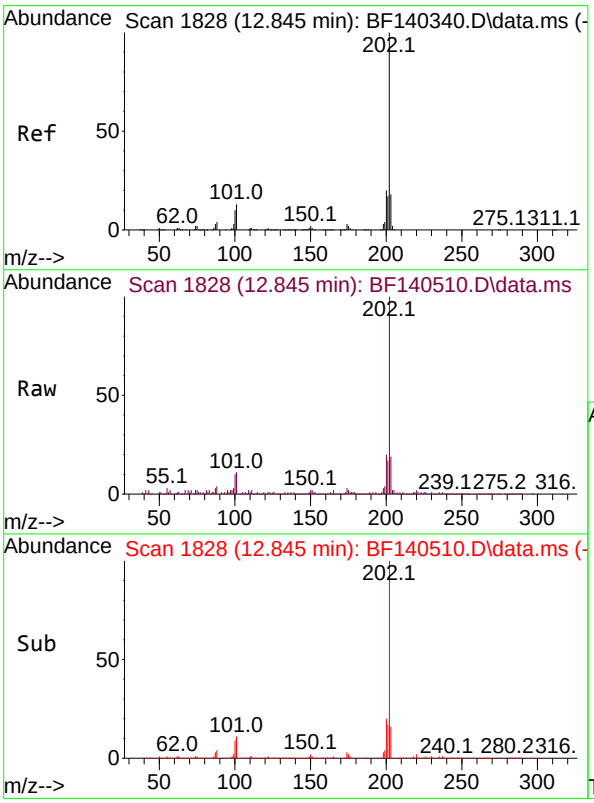
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 208770

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	26.2	20.9	31.3

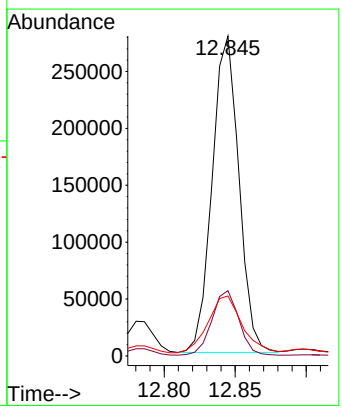


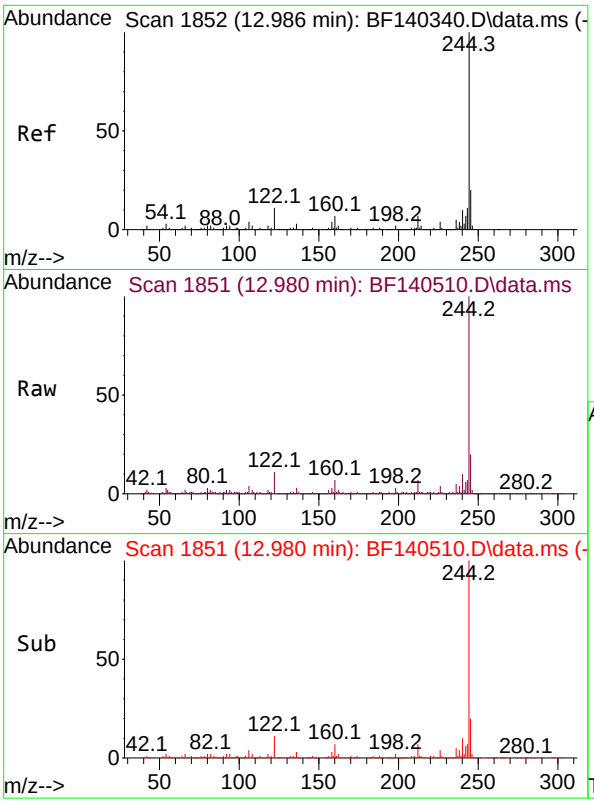


#78
Pyrene
Concen: 20.383 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:202 Resp: 363983

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.7	14.2	21.4



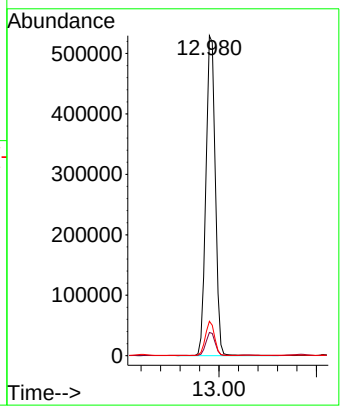


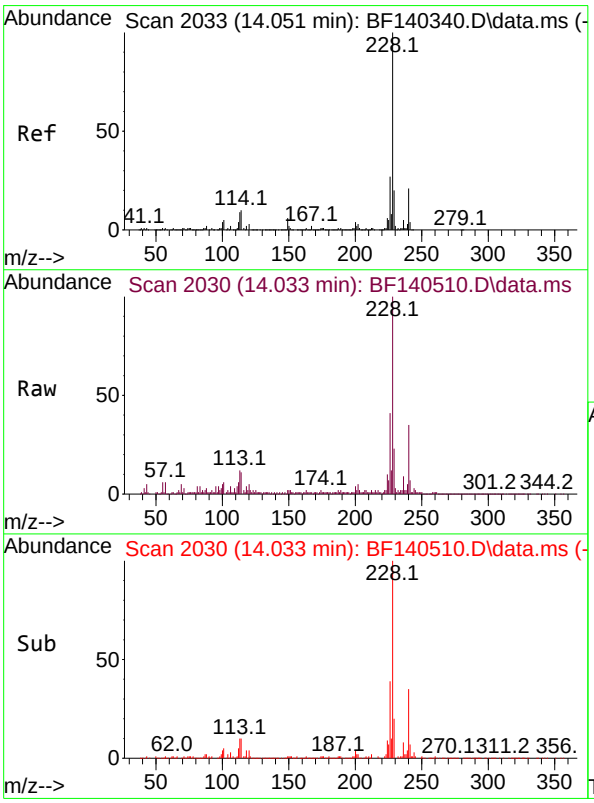
#79
Terphenyl-d14
Concen: 58.553 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 704237

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.8	8.8	13.2

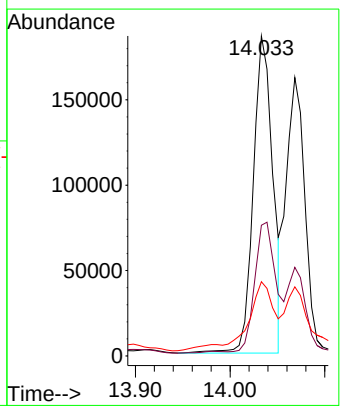


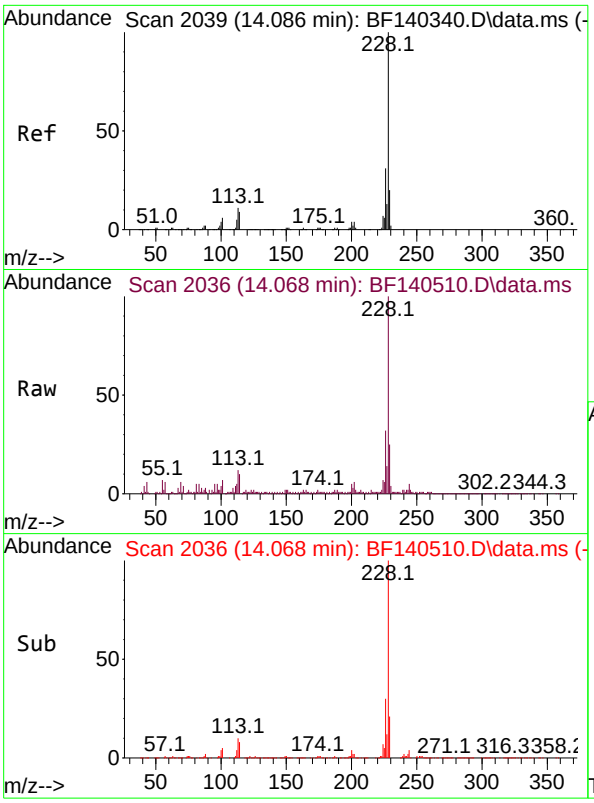


#81
Benzo(a)anthracene
Concen: 19.424 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:228 Resp: 266516

Ion	Ratio	Lower	Upper
228	100		
226	40.8	22.2	33.4#
229	23.2	15.8	23.6



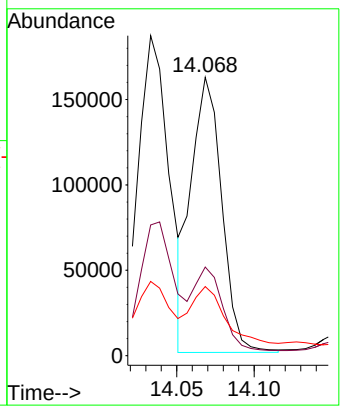


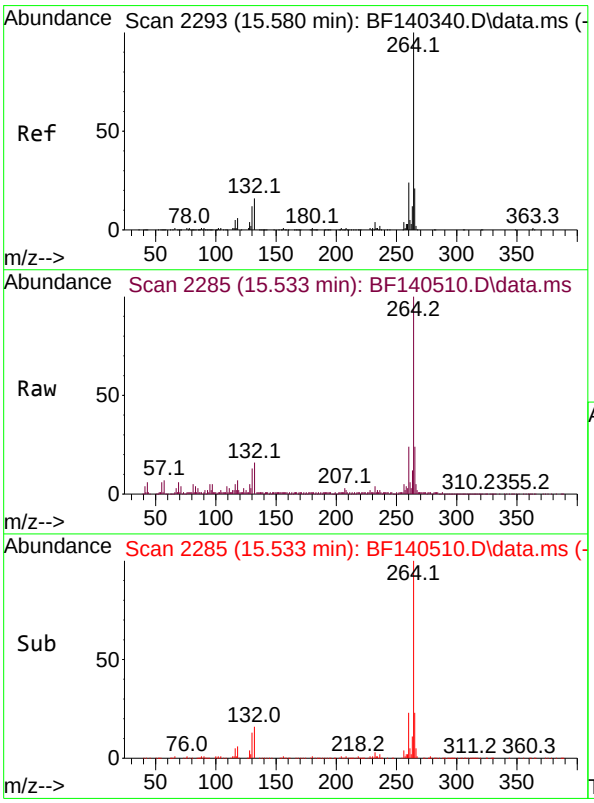
#83
Chrysene
Concen: 17.691 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 221479

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.5	36.7
229	24.8	16.0	24.0#

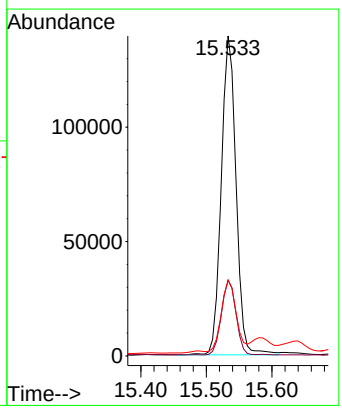


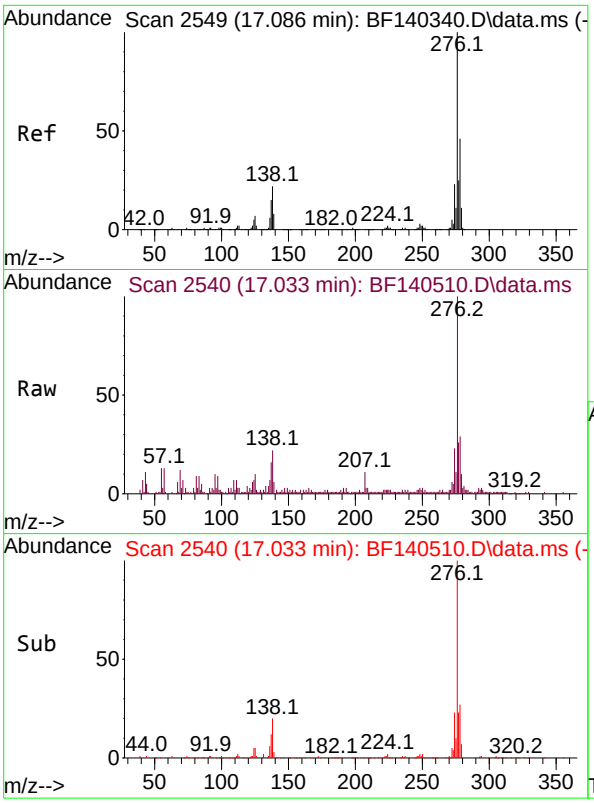


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.024 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:264 Resp: 217412

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.7	17.1	25.7



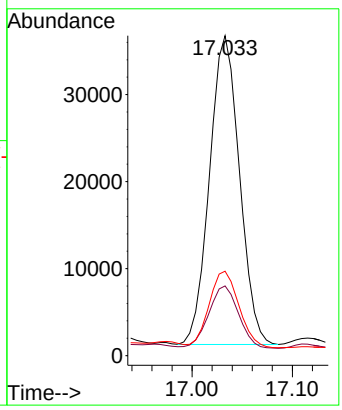


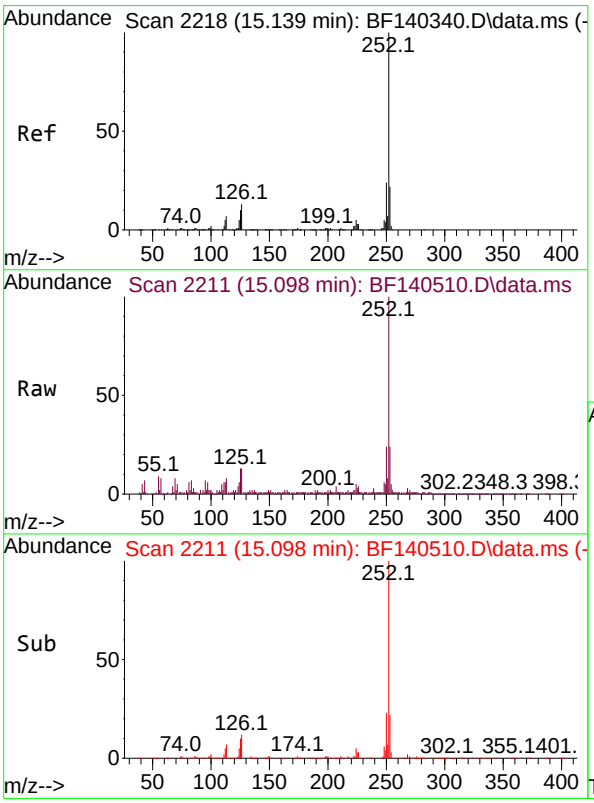
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.472 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 73495

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.8	28.2
277	24.9	20.2	30.2

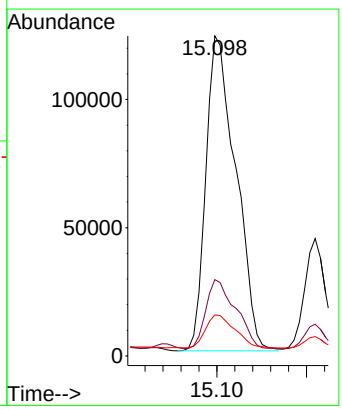


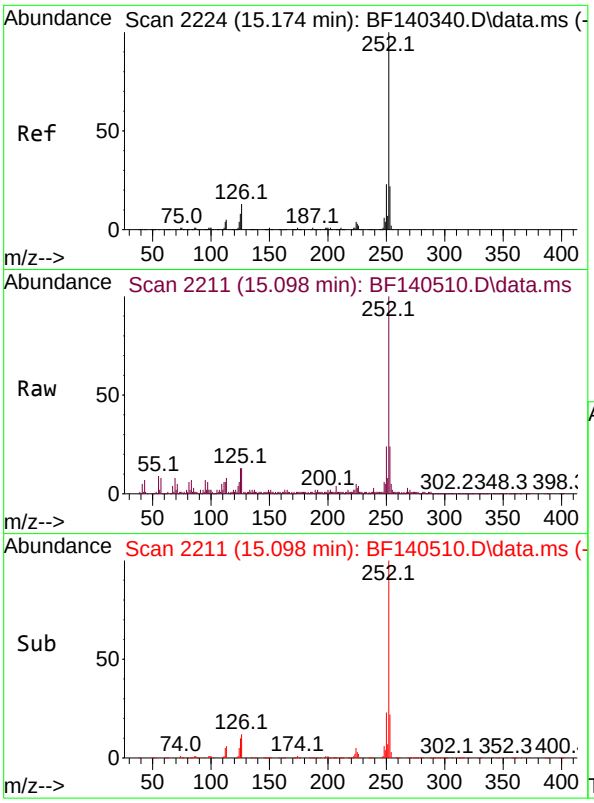


#88
Benzo(b)fluoranthene
Concen: 19.986 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.018 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:252 Resp: 284238

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	12.8	8.0	12.0#



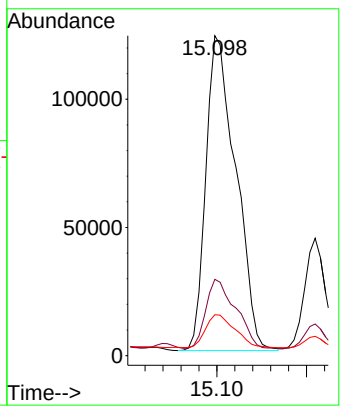


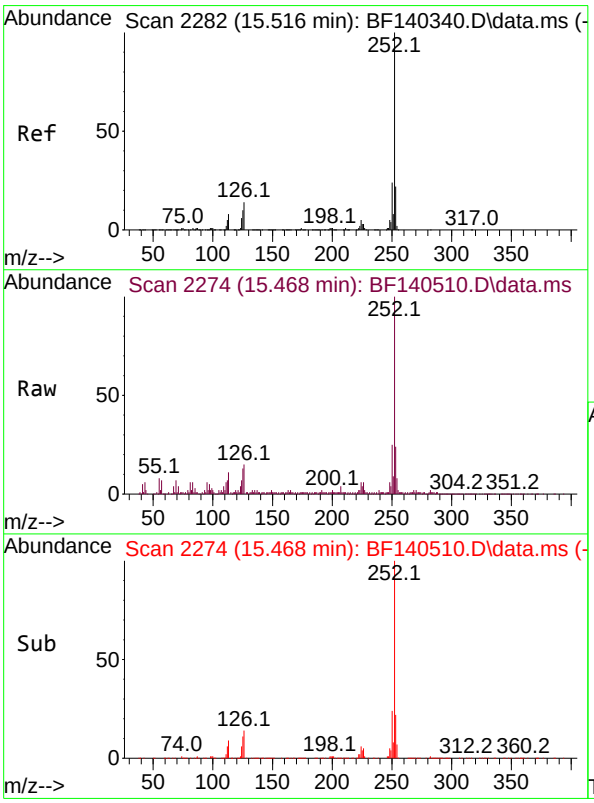
#89
Benzo(k)fluoranthene
Concen: 24.465 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 284238

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	12.8	7.4	11.2#

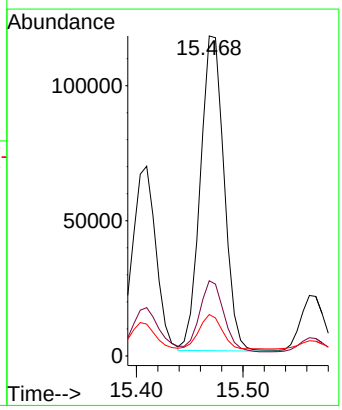


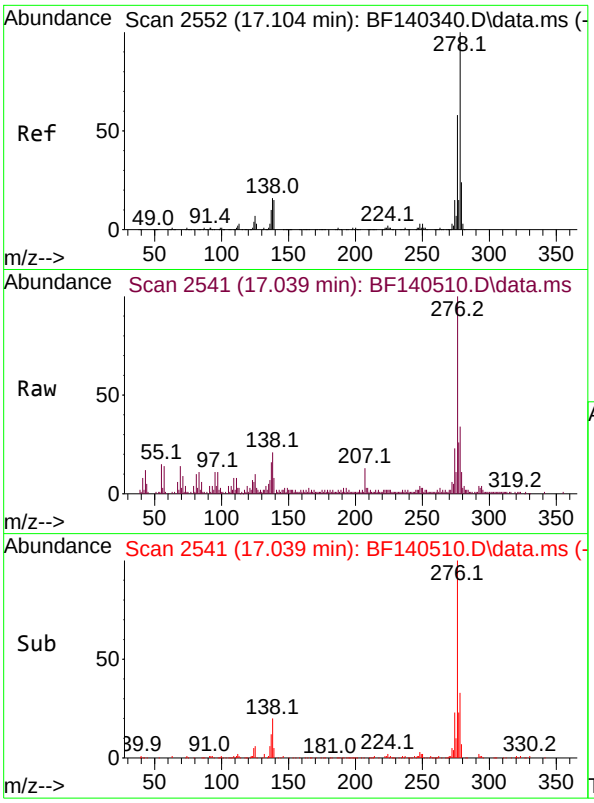


#90
Benzo(a)pyrene
Concen: 16.342 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.024 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:252 Resp: 180490

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.0	8.4	12.6#



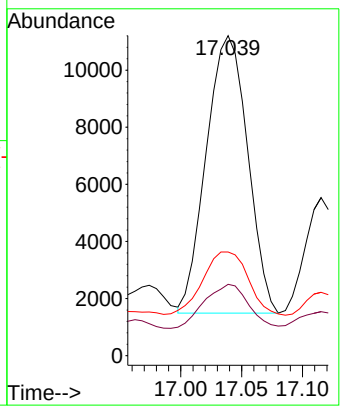


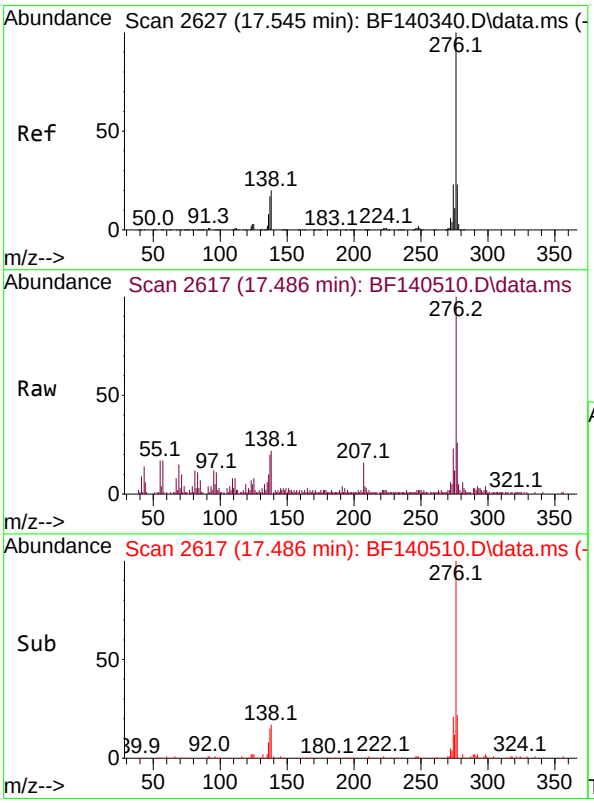
#91
Dibenzo(a,h)anthracene
Concen: 2.066 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22934

Ion	Ratio	Lower	Upper
278	100		
139	22.3	11.8	17.8#
279	32.4	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 5.682 ng
RT: 17.486 min Scan# 2617
Delta R.T. -0.030 min
Lab File: BF140510.D
Acq: 20 Nov 2024 20:02

Tgt Ion:276 Resp: 64491

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	22.3	16.0	24.0