Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
Operator : RC/JU
Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 00:09:28 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	101523	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	323761	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	143091	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	281764	20.000	ng	0.00
76) Chrysene-d12	14.045	240	215041	20.000	ng	0.00
86) Perylene-d12	15.539	264	157125	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	589447	99.132	ng	0.01
7) Phenol-d6	6.510	99	713045	88.511	ng	0.00
23) Nitrobenzene-d5	7.434	82	459454	73.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	157430	110.638	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	768779	86.368	ng	0.00
79) Terphenyl-d14	12.986	244	897319	72.431	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	61773	12.696	ng	# 75
25) Isophorone	7.434	82	454638	41.282	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	18094	8.510	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	18094	6.466	ng	# 20
63) Azobenzene	10.622	77	110005	11.674	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	10544	3.744	ng	# 1
75) Fluoranthene	12.616	202	55250	3.721	ng	100
78) Pyrene	12.845	202	55464	3.015	ng	100
88) Benzo(b)fluoranthene	15.104	252	36335	3.535	ng	# 80
89) Benzo(k)fluoranthene	15.104	252	36335	4.327	ng	# 79
90) Benzo(a)pyrene	15.474	252	15971	2.001	ng	# 78

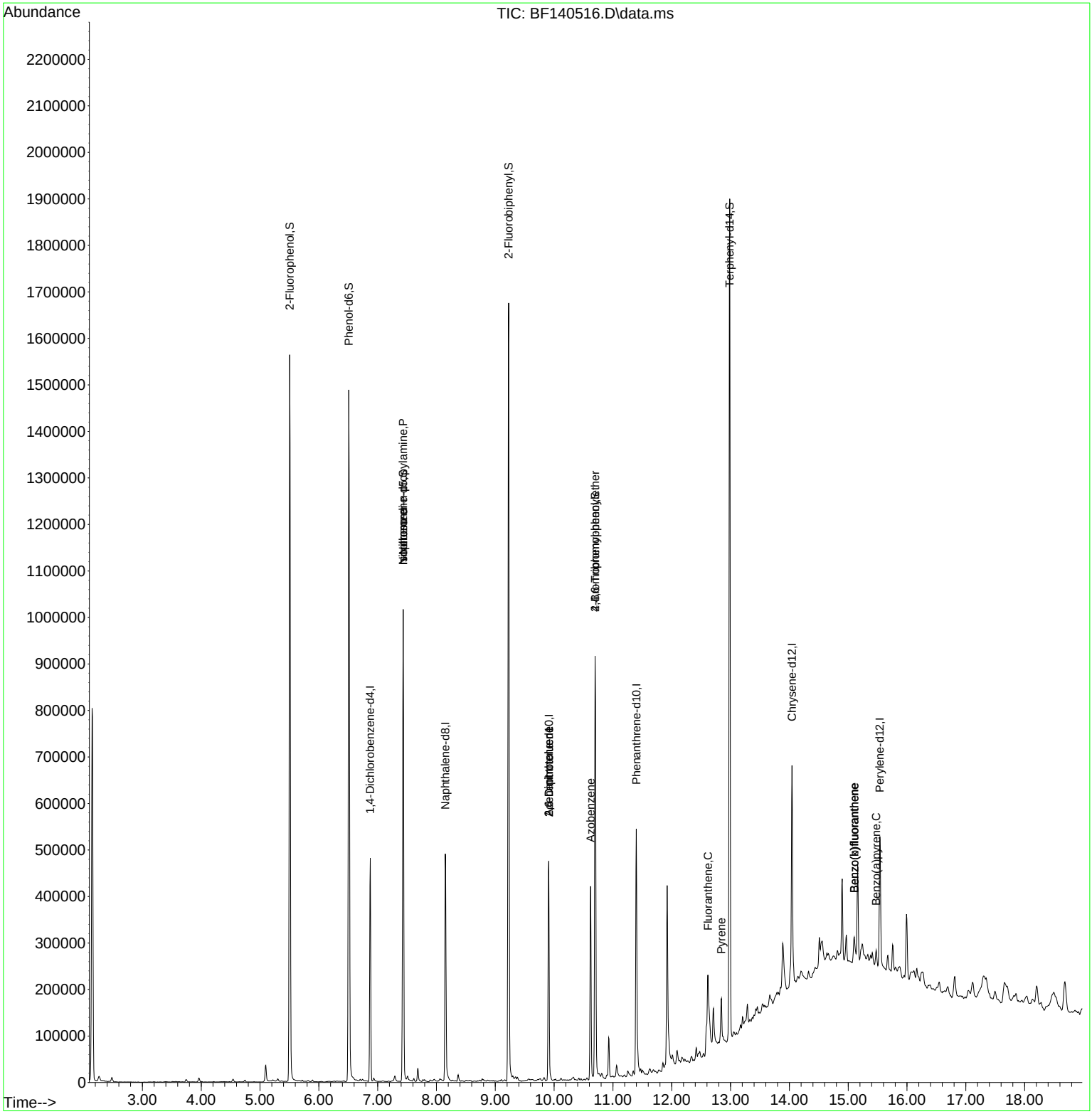
(#) = qualifier out of range (m) = manual integration (+) = signals summed

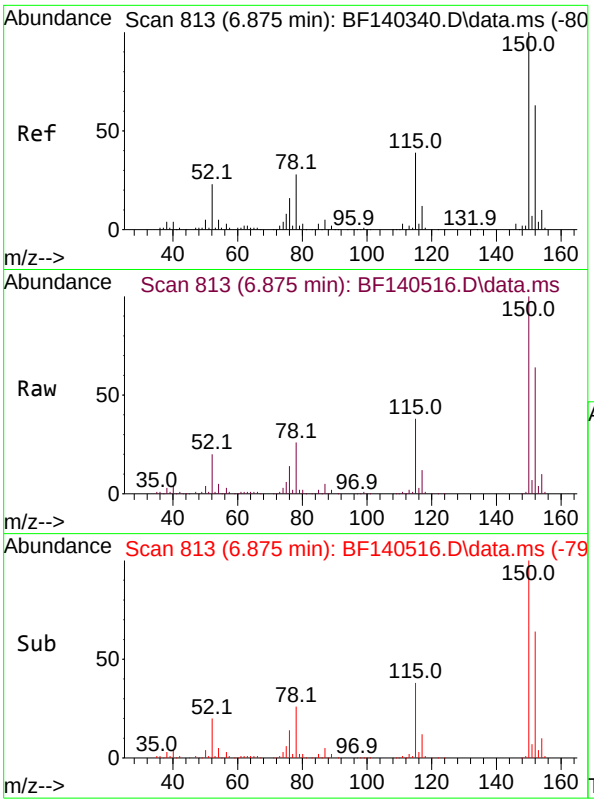
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
Operator : RC/JU
Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 00:09:28 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



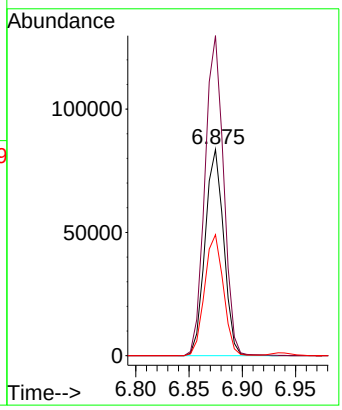


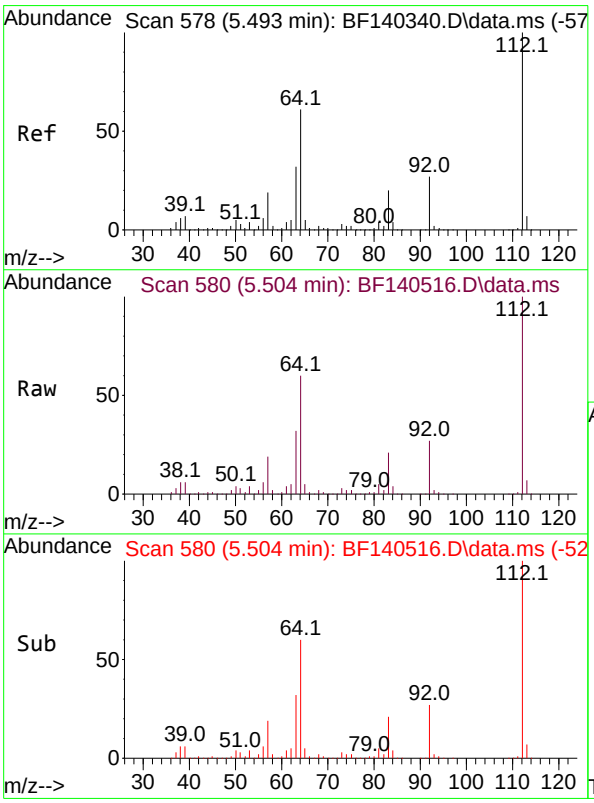
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101523

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	58.7	47.4	71.2

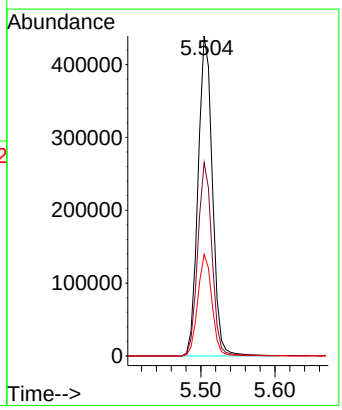


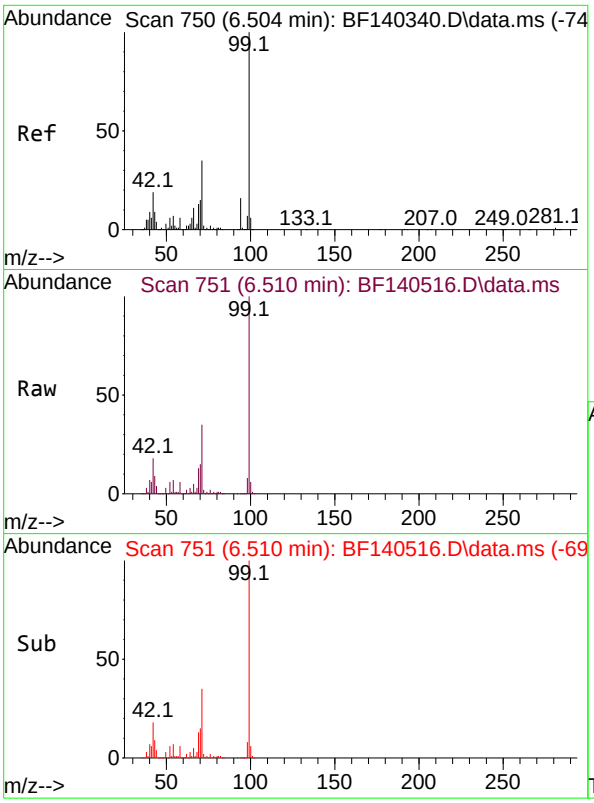


#5
2-Fluorophenol
Concen: 99.132 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:112 Resp: 589447

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.2	73.8
63	31.7	25.6	38.4



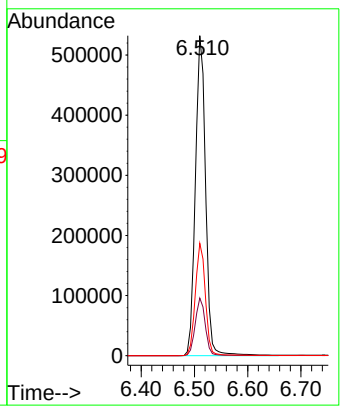


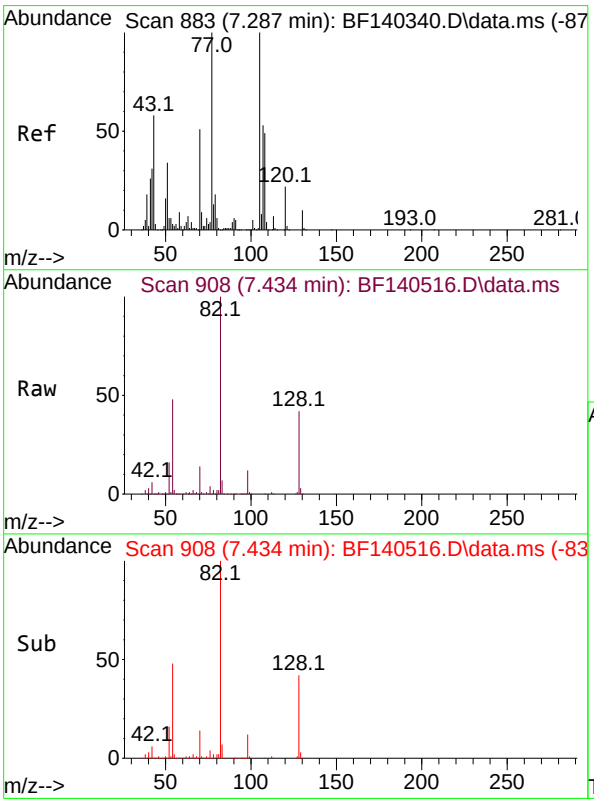
#7
Phenol-d6
Concen: 88.511 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 713045

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.1	22.7
71	35.1	27.9	41.9

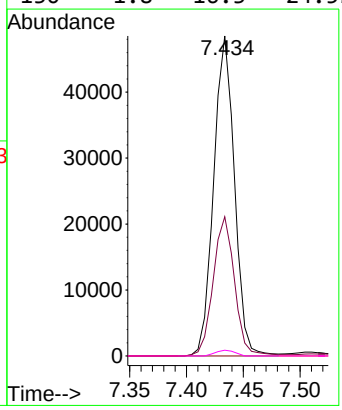


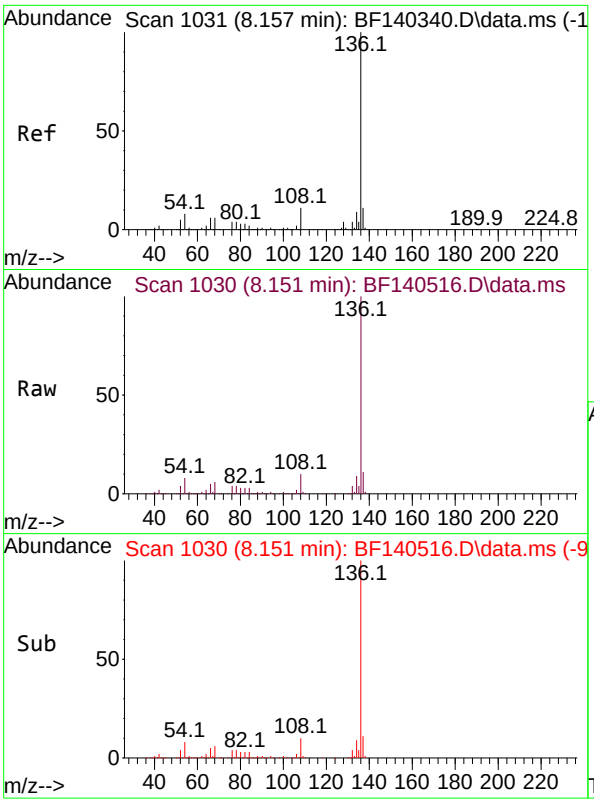


#19
n-Nitroso-di-n-propylamine
Concen: 12.696 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion: 70 Resp: 61773

Ion	Ratio	Lower	Upper
70	100		
42	43.5	46.8	70.2#
101	0.0	7.5	11.3#
130	1.8	16.3	24.5#



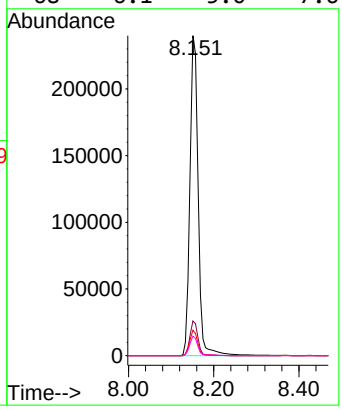


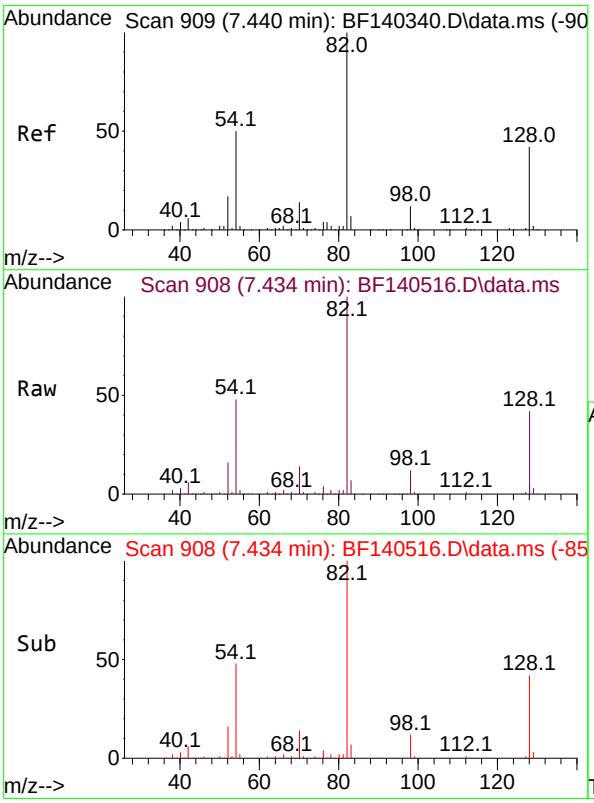
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 323761

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.5	9.7
68	6.1	5.0	7.6

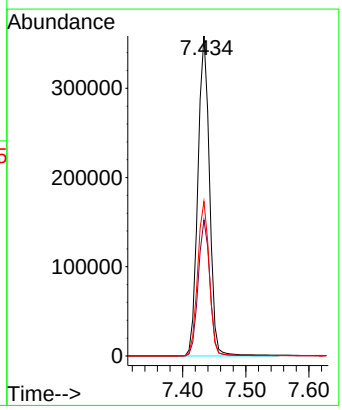


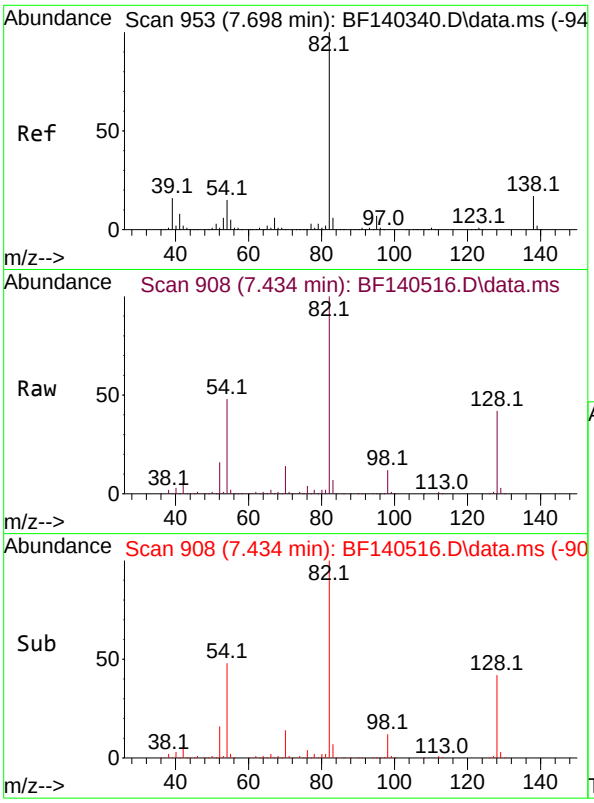


#23
Nitrobenzene-d5
Concen: 73.940 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion: 82 Resp: 459454

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	48.3	39.8	59.8



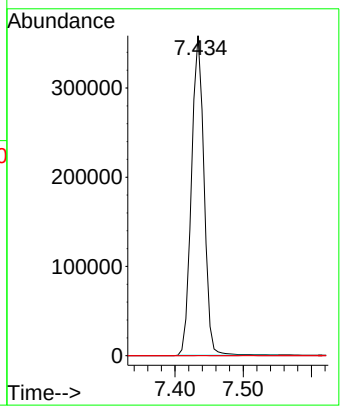


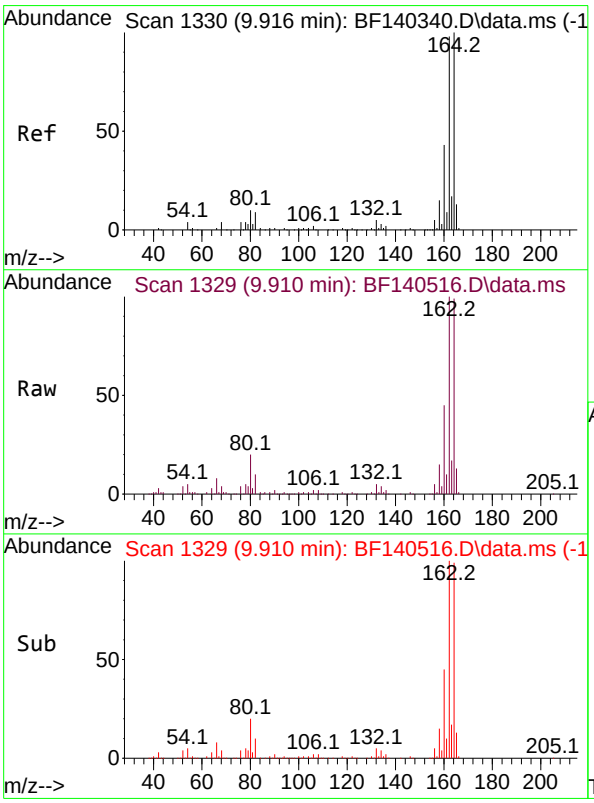
#25
Isophorone
Concen: 41.282 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 454638

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

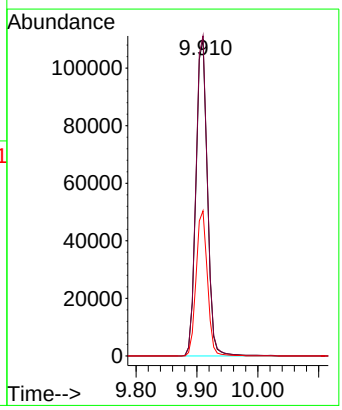


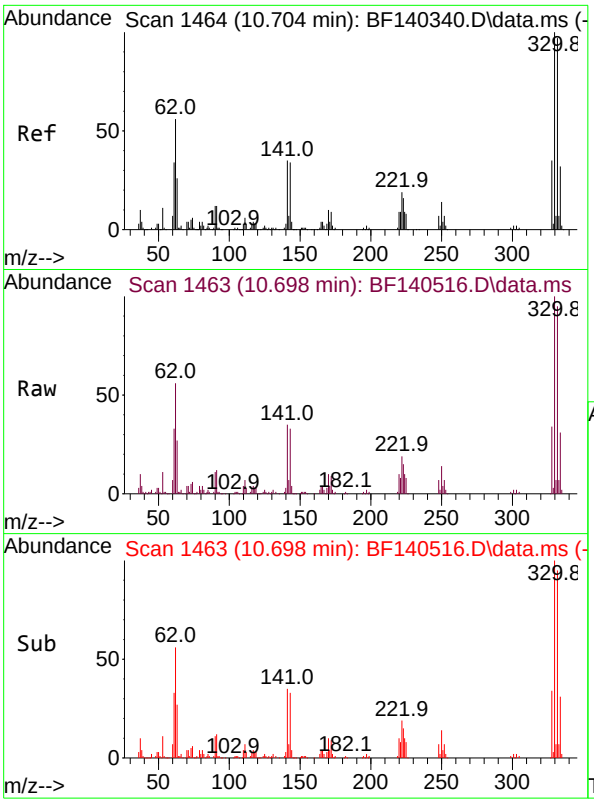


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:164 Resp: 143091

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.8	119.8
160	45.8	35.4	53.0



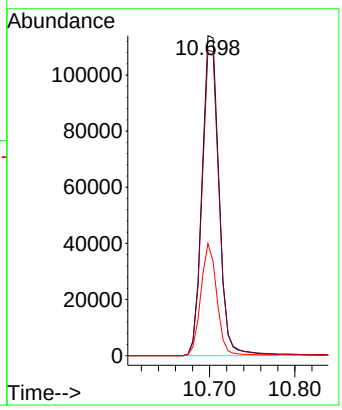


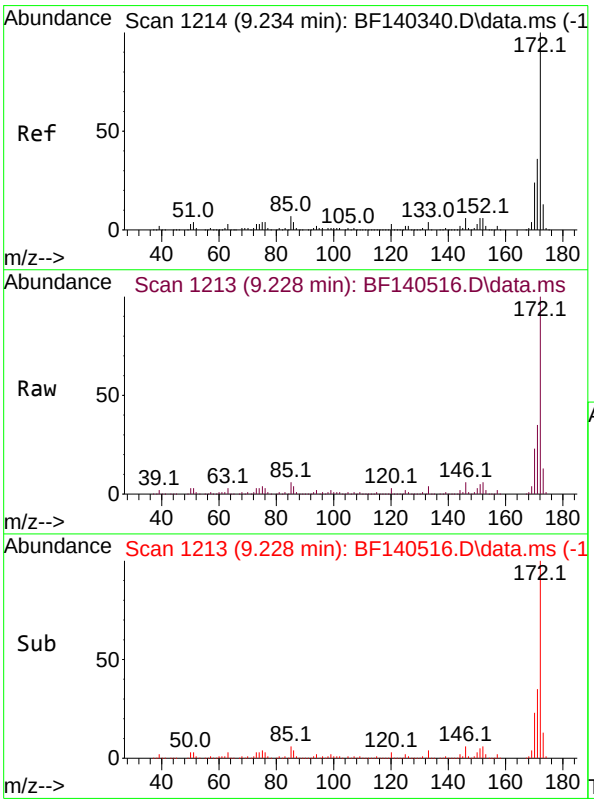
#42
2,4,6-Tribromophenol
Concen: 110.638 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 157430

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.9	113.9
141	33.9	26.9	40.3

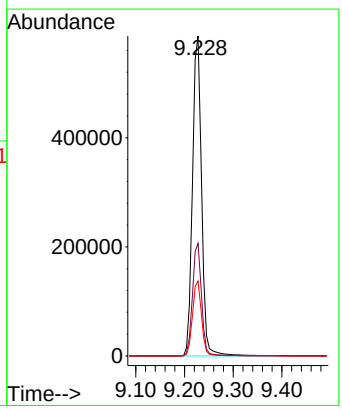


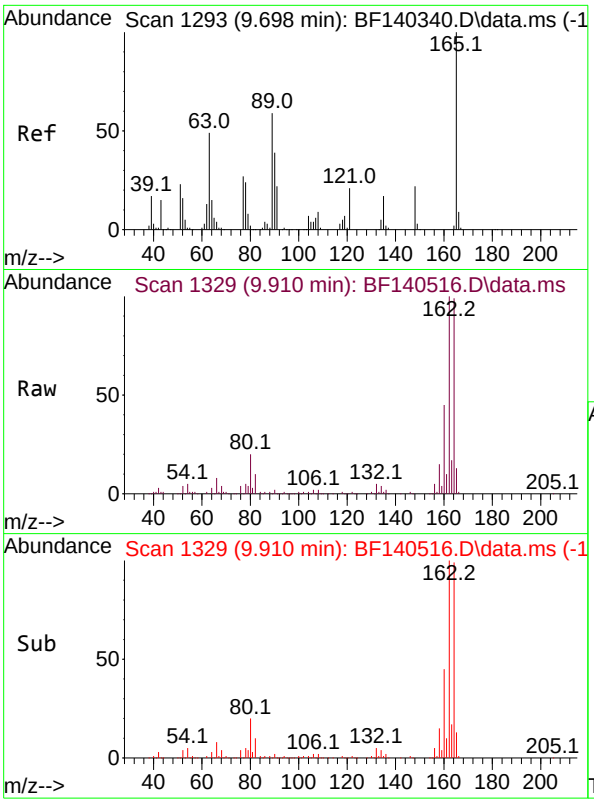


#45
2-Fluorobiphenyl
Concen: 86.368 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:172 Resp: 768779

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.4	19.1	28.7



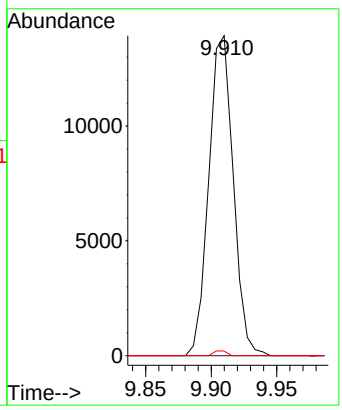


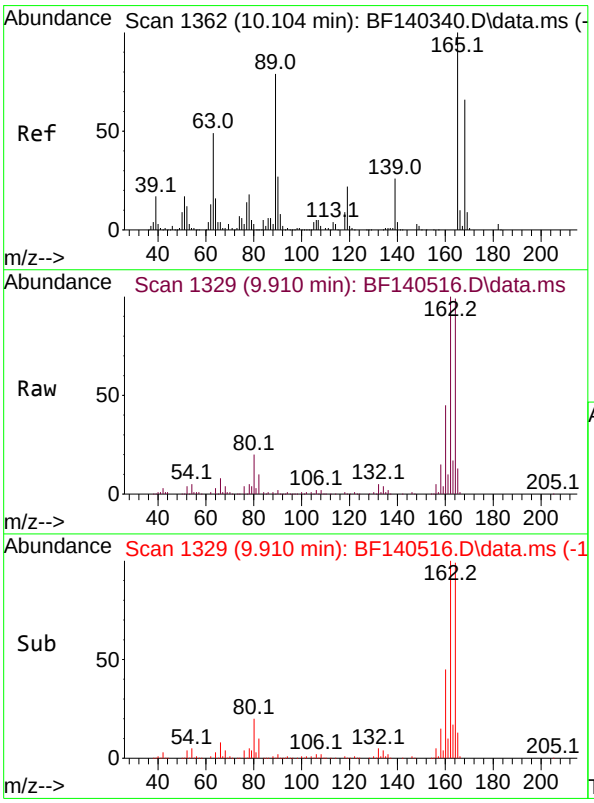
#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.910 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18094

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.6	71.4#
89	1.5	48.1	72.1#

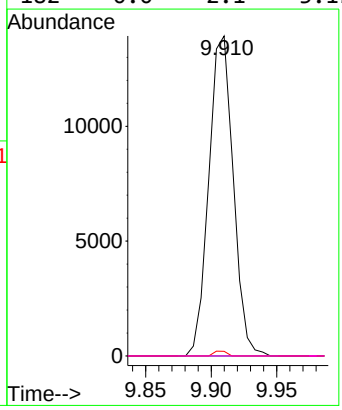


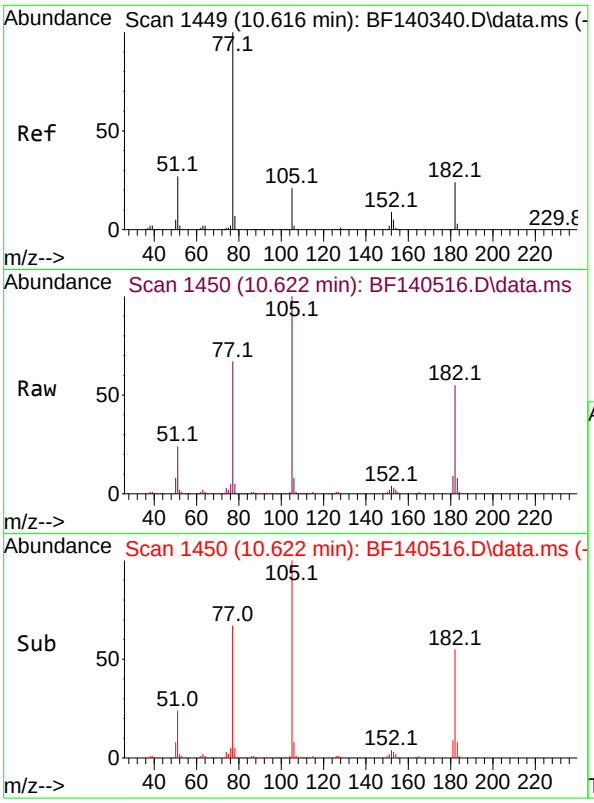


#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:165 Resp: 18094

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.4	59.0#
89	1.5	62.4	93.6#
182	0.0	2.1	3.1#



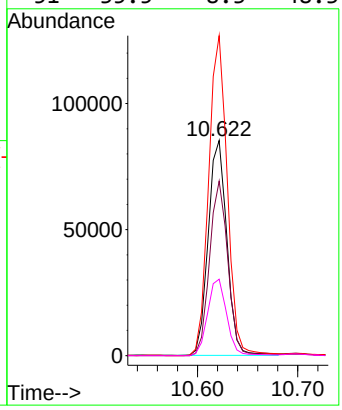


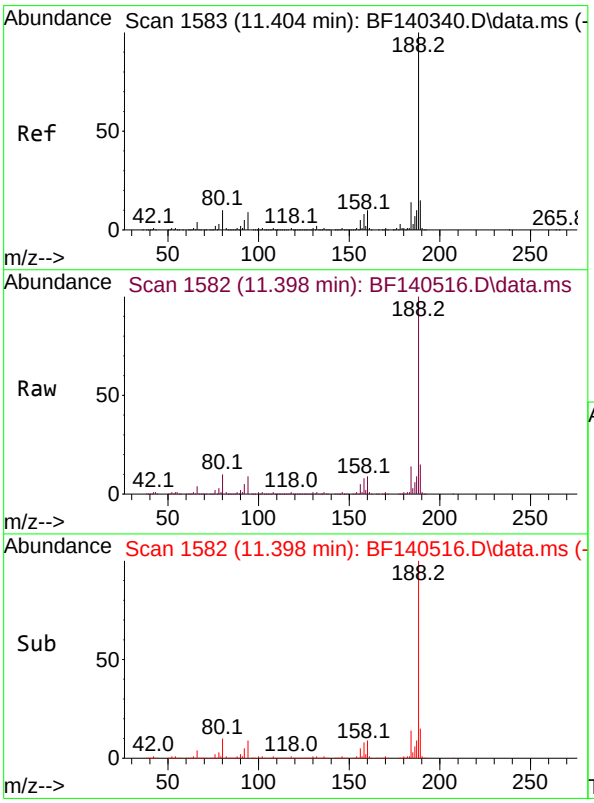
#63
Azobenzene
Concen: 11.674 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 110005

Ion	Ratio	Lower	Upper
77	100		
182	81.1	4.6	44.6#
105	148.7	0.9	40.9#
51	35.5	8.3	48.3

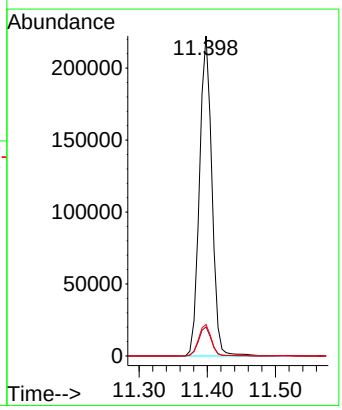


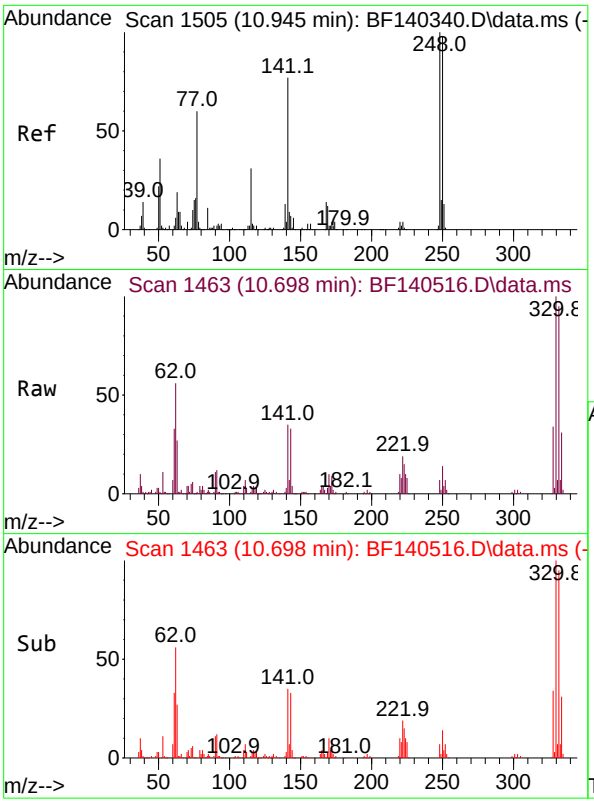


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:188 Resp: 281764

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.8	8.0	12.0



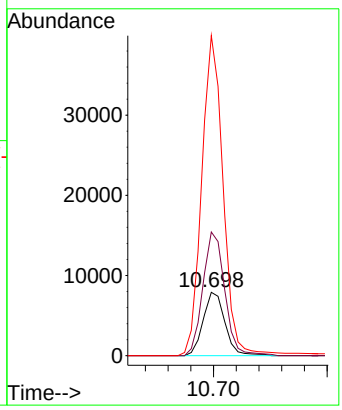


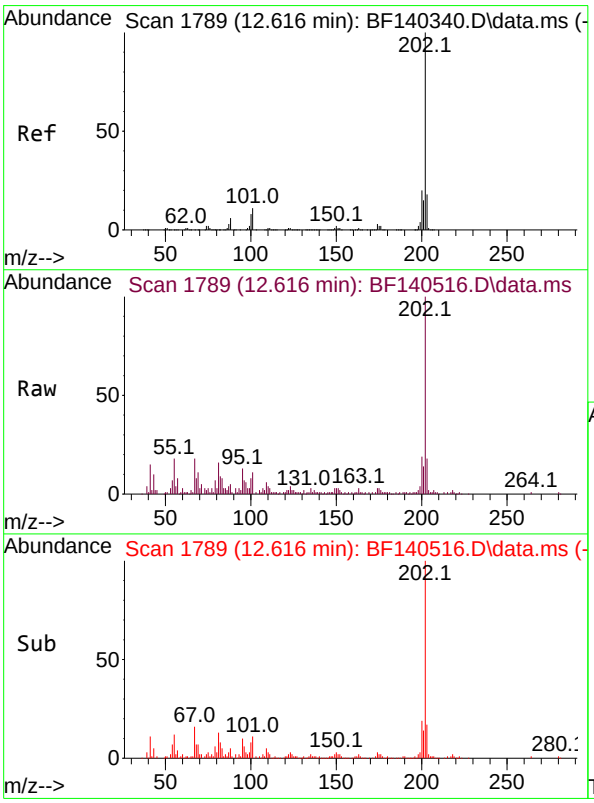
#67
4-Bromophenyl-phenylether
Concen: 3.744 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10544

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.9	116.9#
141	505.0	61.8	92.6#

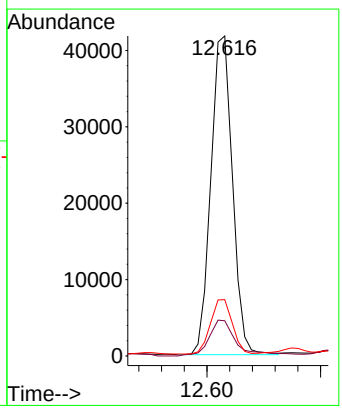


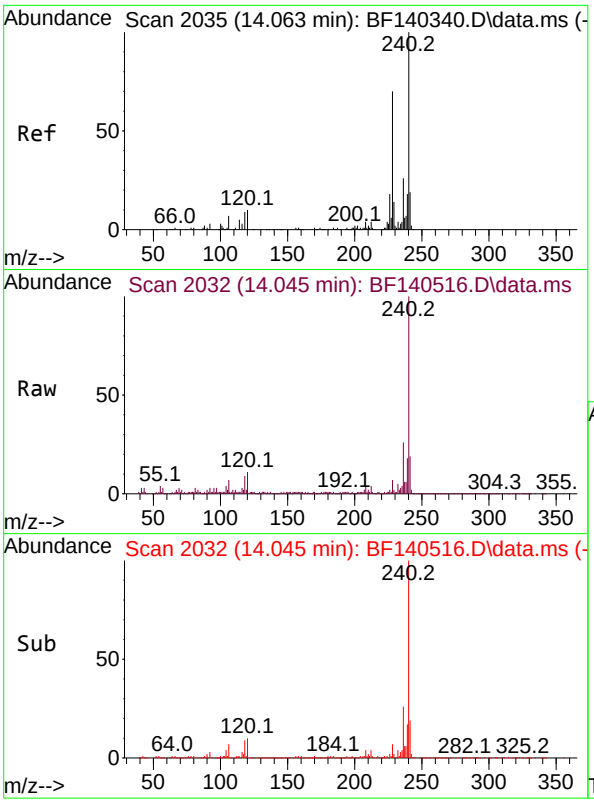


#75
Fluoranthene
Concen: 3.721 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:202 Resp: 55250

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	17.6	0.0	37.7



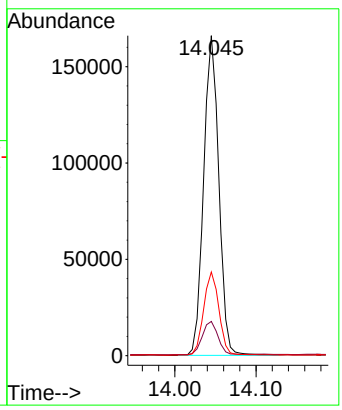


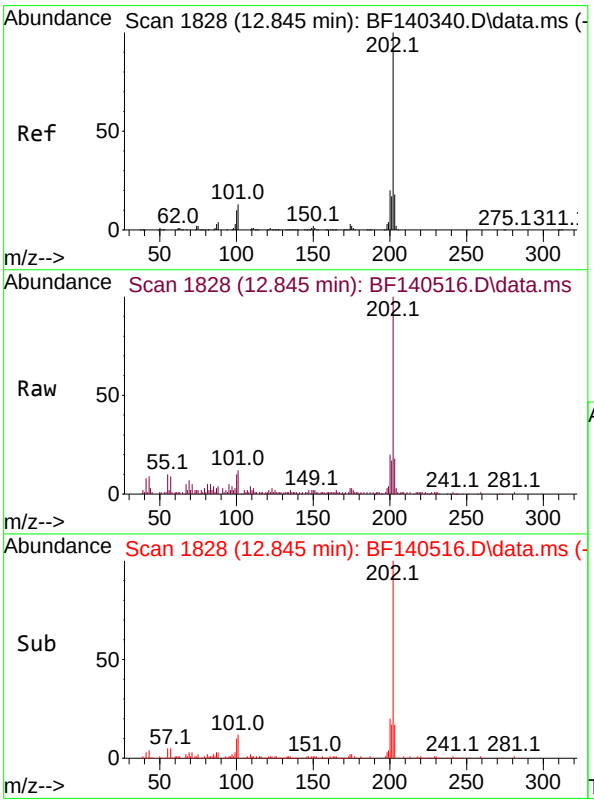
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 215041

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	26.1	20.9	31.3

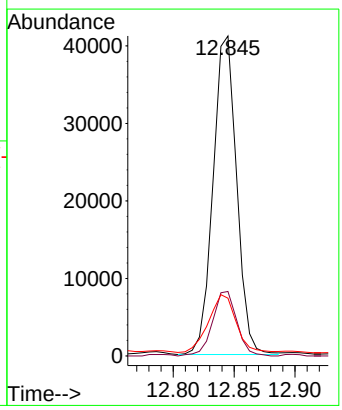


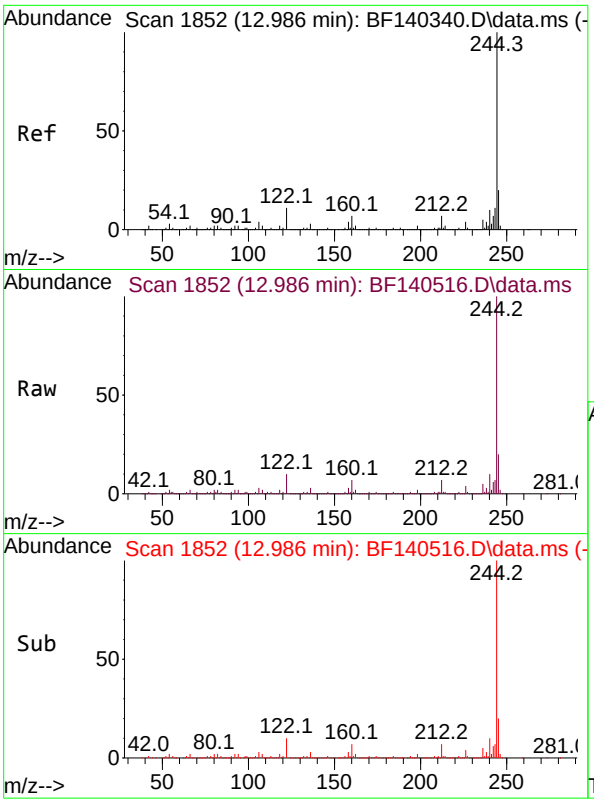


#78
Pyrene
Concen: 3.015 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:202 Resp: 55464

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	18.0	14.2	21.4



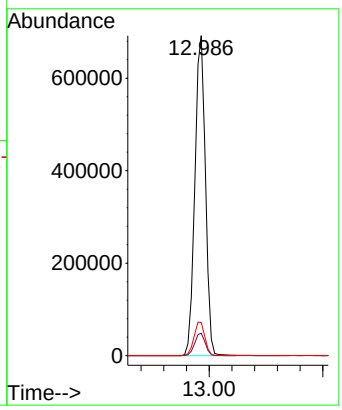


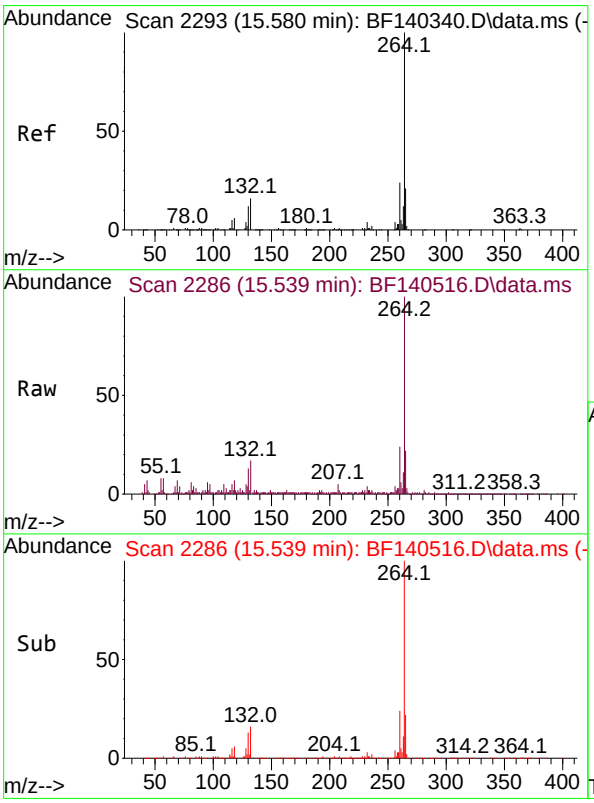
#79
Terphenyl-d14
Concen: 72.431 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 897319

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.4	8.8	13.2

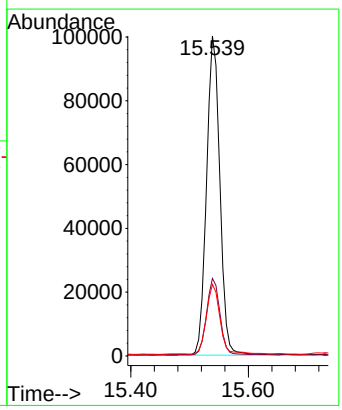


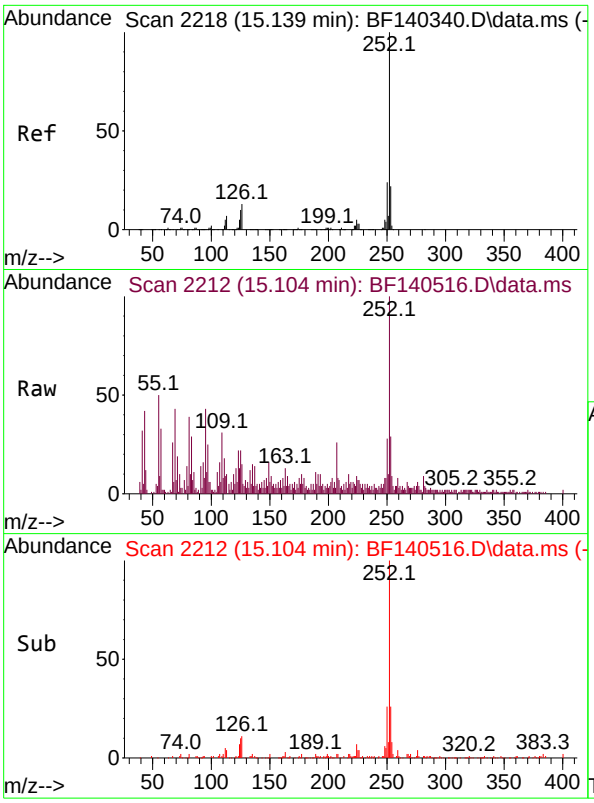


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:264 Resp: 157125

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.1	25.7



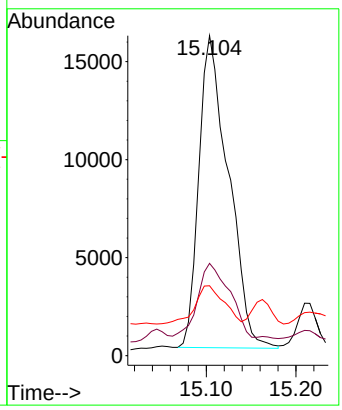


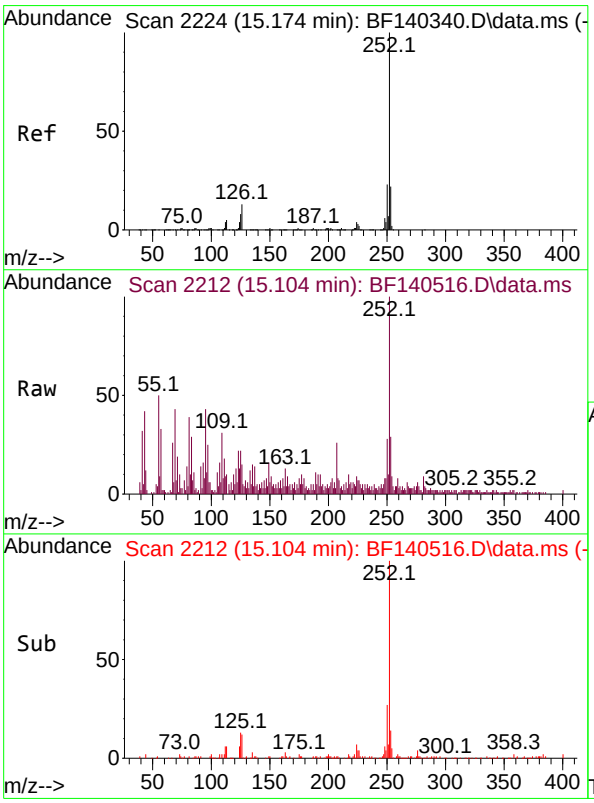
#88
Benzo(b)fluoranthene
Concen: 3.535 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36335

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	21.9	8.0	12.0#

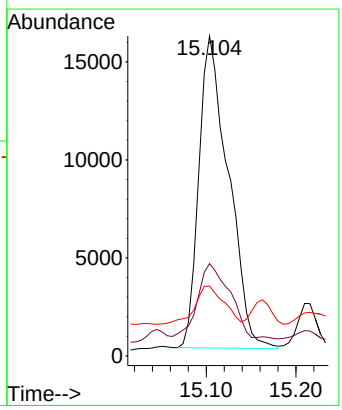


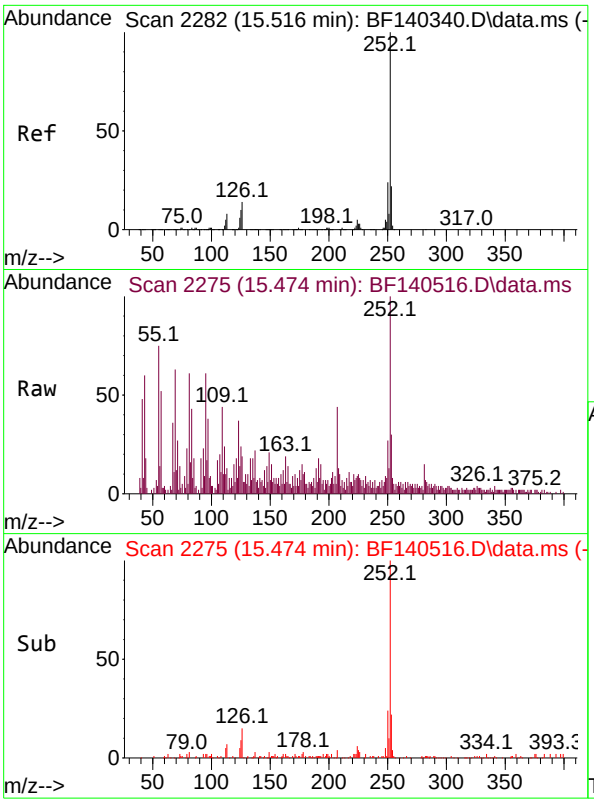


#89
Benzo(k)fluoranthene
Concen: 4.327 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.047 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Tgt Ion:252 Resp: 36335

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.3	25.9#
125	21.9	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 2.001 ng
RT: 15.474 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140516.D
Acq: 20 Nov 2024 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 15971

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.8	26.6#
125	24.0	8.4	12.6#