Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130655.D
Acq On : 13 Oct 2022 19:33
Operator : CG\JU
Sample : N5111-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Oct 14 06:02:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	82909	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	301644	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	134513	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	189213	20.000	ng	0.00
76) Chrysene-d12	13.721	240	176540	20.000	ng	0.00
86) Perylene-d12	15.098	264	147140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	243221	52.879	ng	0.00
7) Phenol-d6	6.234	99	294058	50.849	ng	0.00
23) Nitrobenzene-d5	7.151	82	180806	32.722	ng	-0.01
42) 2,4,6-Tribromophenol	10.404	330	56878	43.214	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	318526	35.869	ng	0.00
79) Terphenyl-d14	12.674	244	259710	24.416	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	23621	6.331	ng	# 80
25) Isophorone	7.151	82	180803	19.660	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	17064	8.354	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	17064	6.500	ng	# 14
71) Phenanthrene	11.116	178	32176	3.069	ng	99
75) Fluoranthene	12.304	202	55759	5.534	ng	99
78) Pyrene	12.527	202	52627	3.455	ng	99
81) Benzo(a)anthracene	13.716	228	30093	2.530	ng	98
83) Chrysene	13.751	228	24990	2.216	ng	99
88) Benzo(b)fluoranthene	14.721	252	40200	4.315	ng	# 90
89) Benzo(k)fluoranthene	14.721	252	40200	4.237	ng	# 88
90) Benzo(a)pyrene	15.045	252	20972	2.704	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
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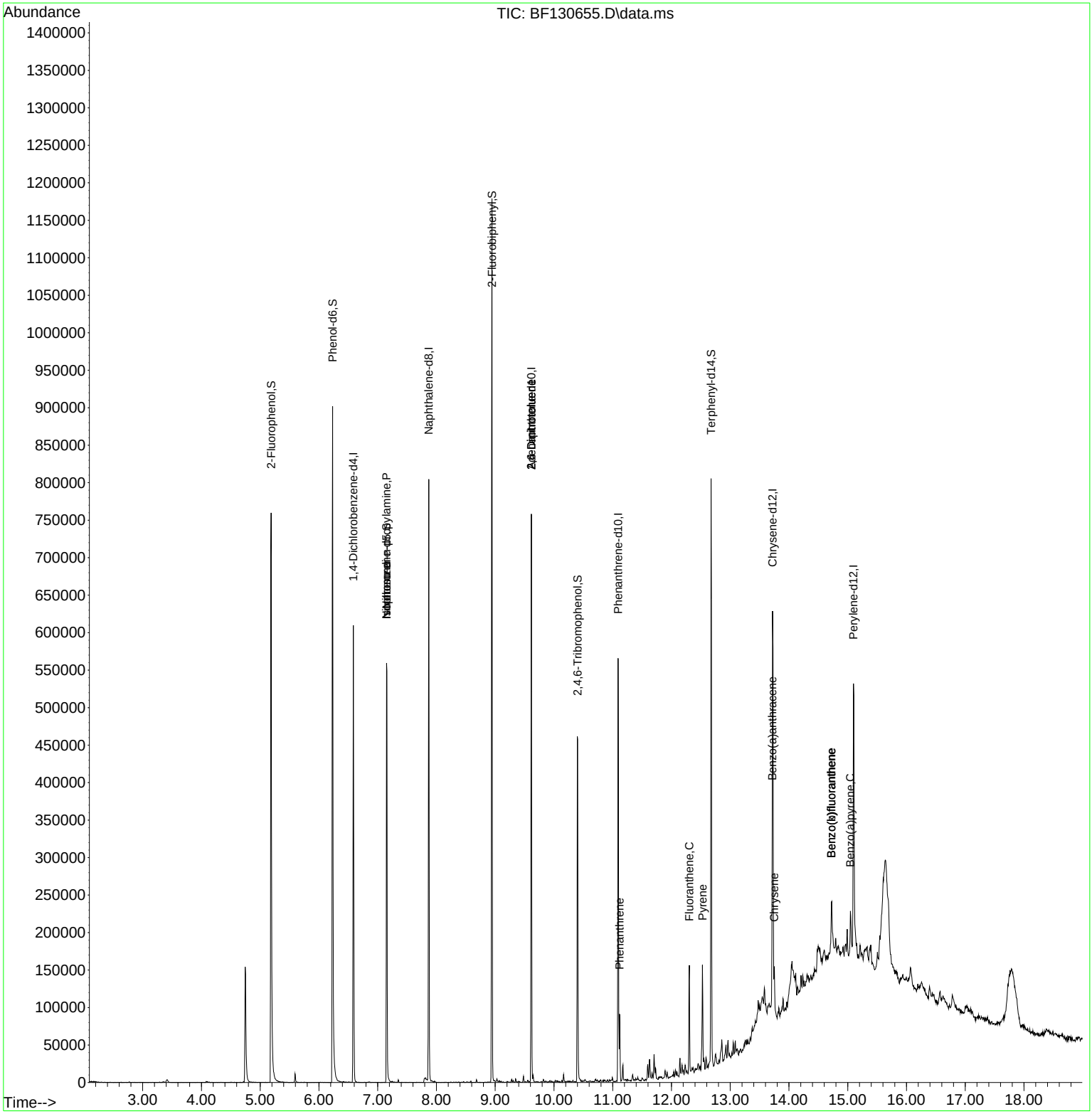
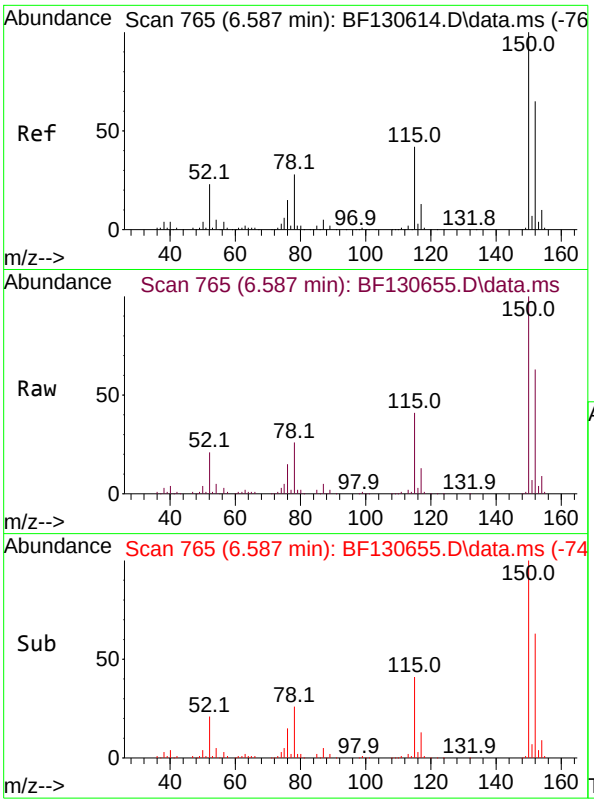
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Oct 14 06:02:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration



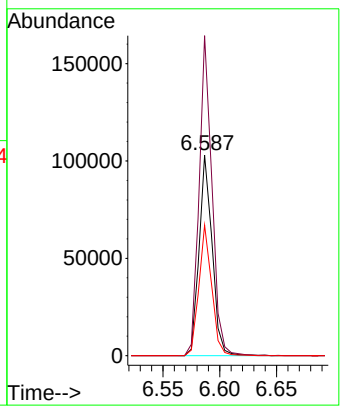


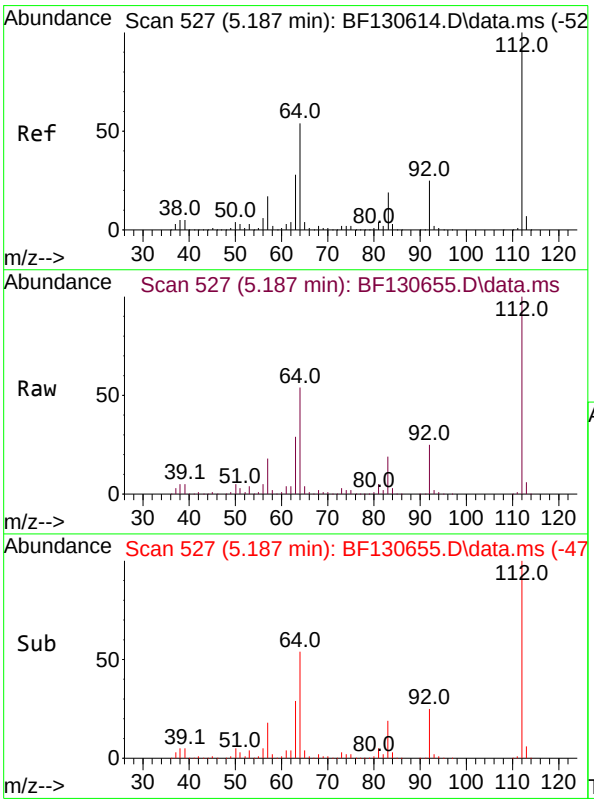
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 82909

Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.8	185.6
115	65.1	52.2	78.4

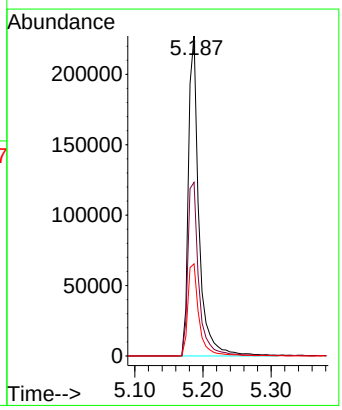


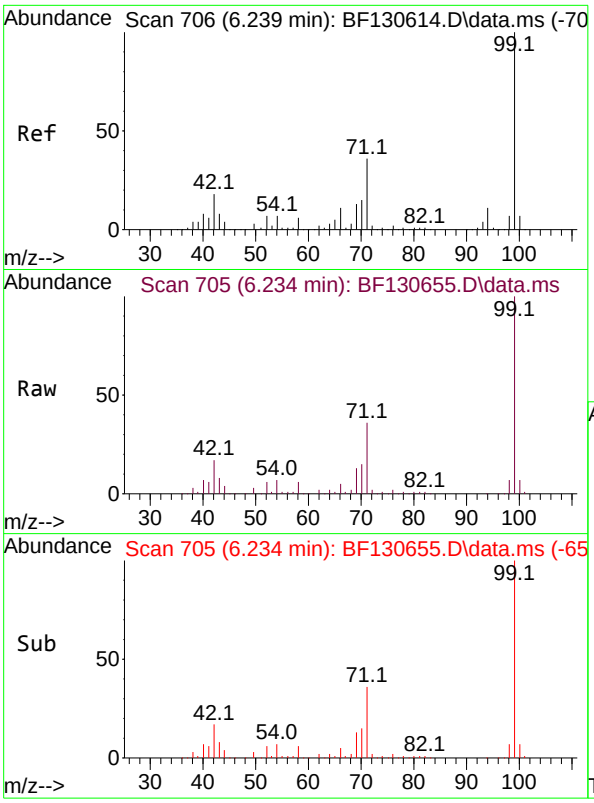


#5
2-Fluorophenol
Concen: 52.879 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:112 Resp: 243221

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.5	65.3
63	28.8	22.6	34.0



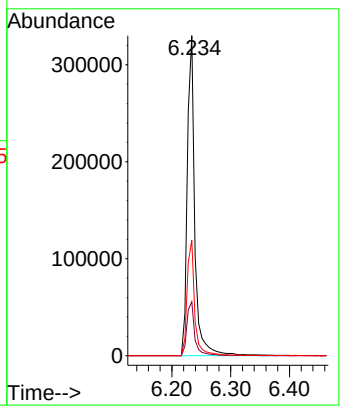


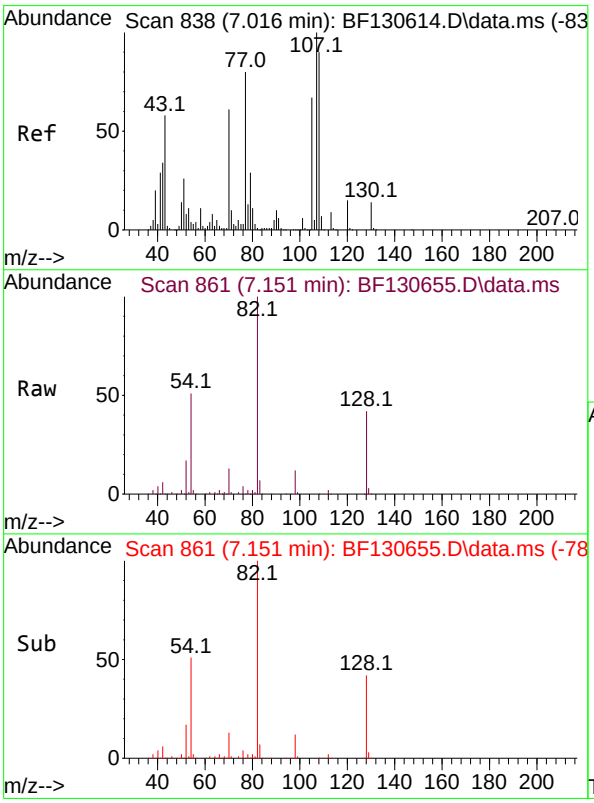
#7
Phenol-d6
Concen: 50.849 ng
RT: 6.234 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 294058

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.0	21.0
71	36.1	28.8	43.2

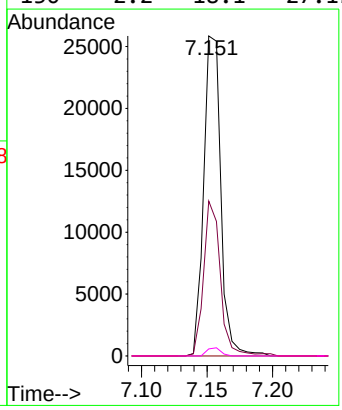


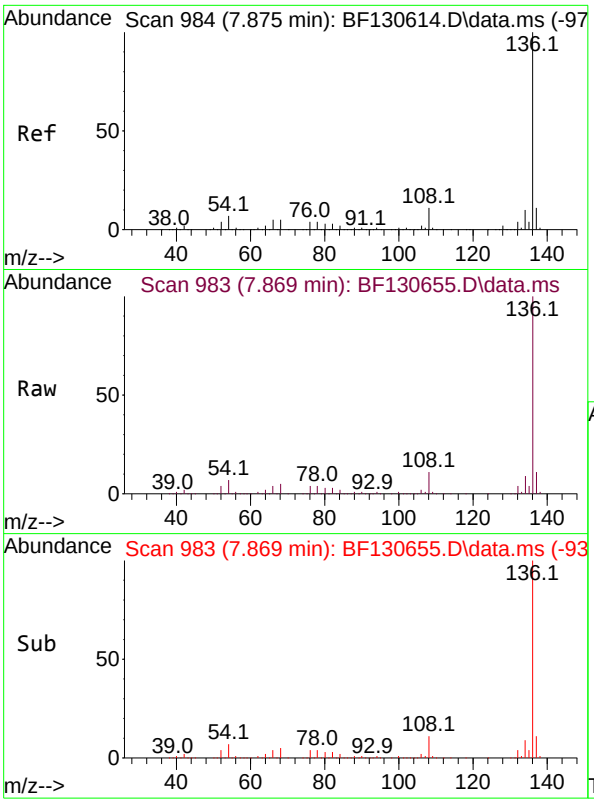


#19
n-Nitroso-di-n-propylamine
Concen: 6.331 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion: 70 Resp: 23621

Ion	Ratio	Lower	Upper
70	100		
42	48.4	44.3	66.5
101	0.0	7.9	11.9#
130	2.2	18.1	27.1#



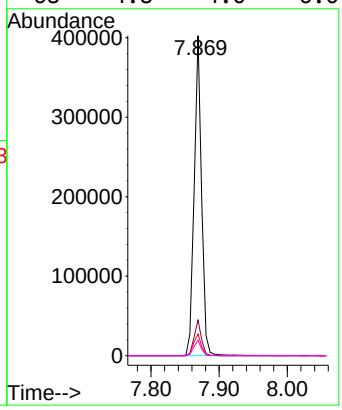


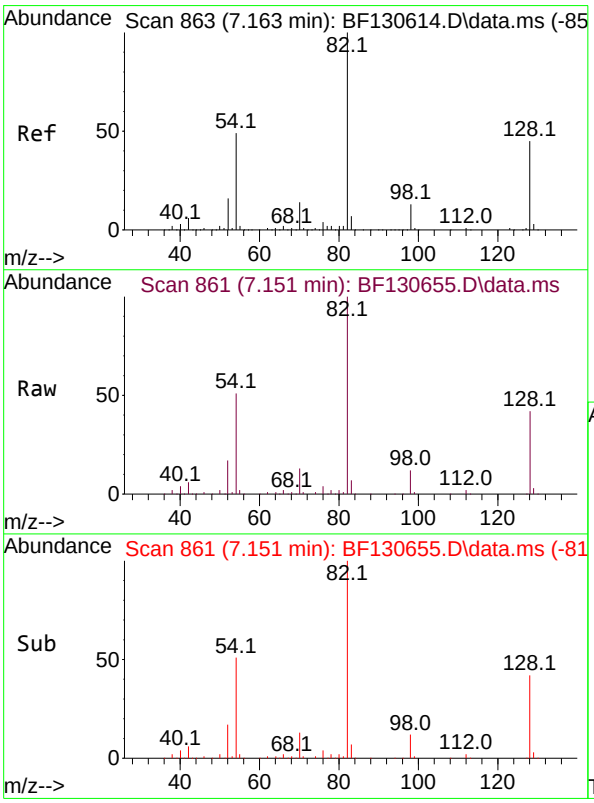
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:136 Resp: 301644

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.8	5.5	8.3
68	4.8	4.0	6.0

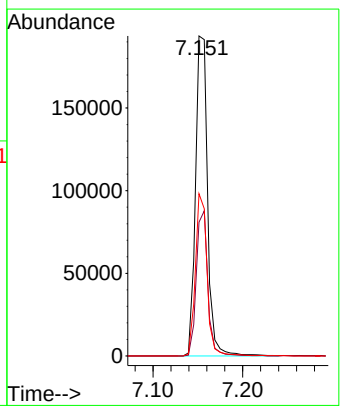


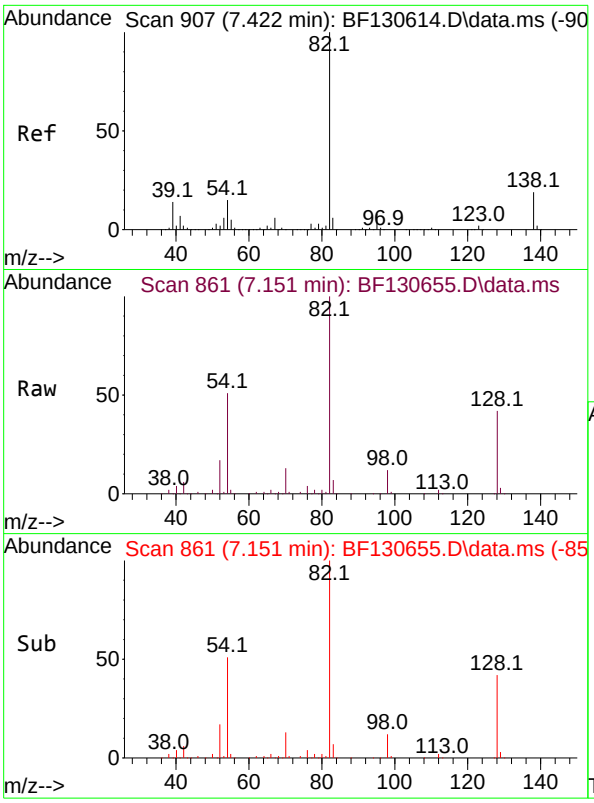


#23
Nitrobenzene-d5
Concen: 32.722 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion: 82 Resp: 180806

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.8	53.6
54	50.7	39.3	58.9



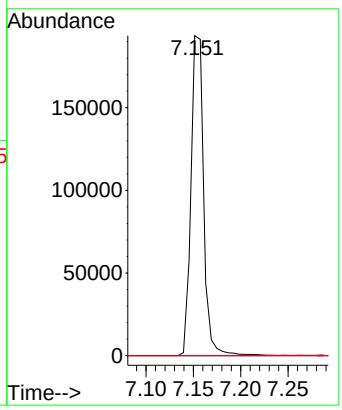


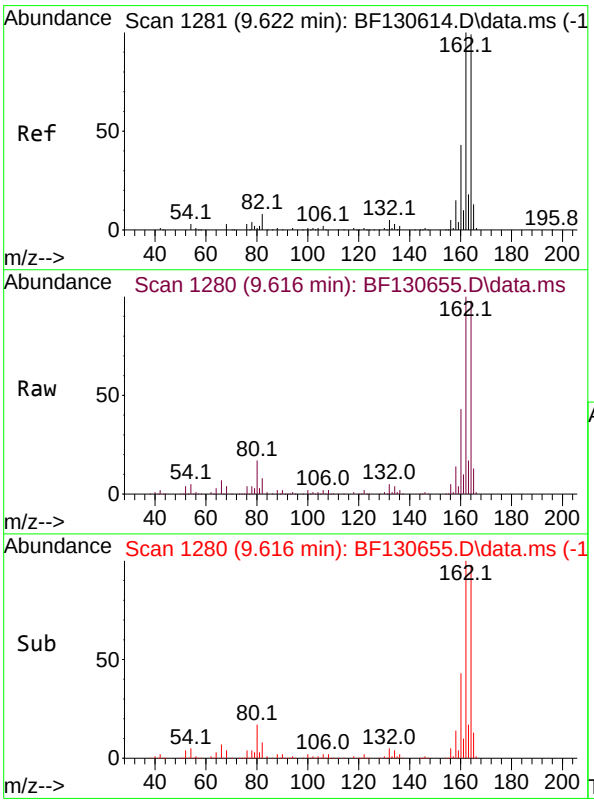
#25
Isophorone
Concen: 19.660 ng
RT: 7.151 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 82 Resp: 180803

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	14.9	22.3#

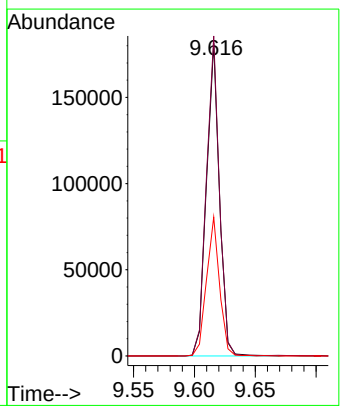


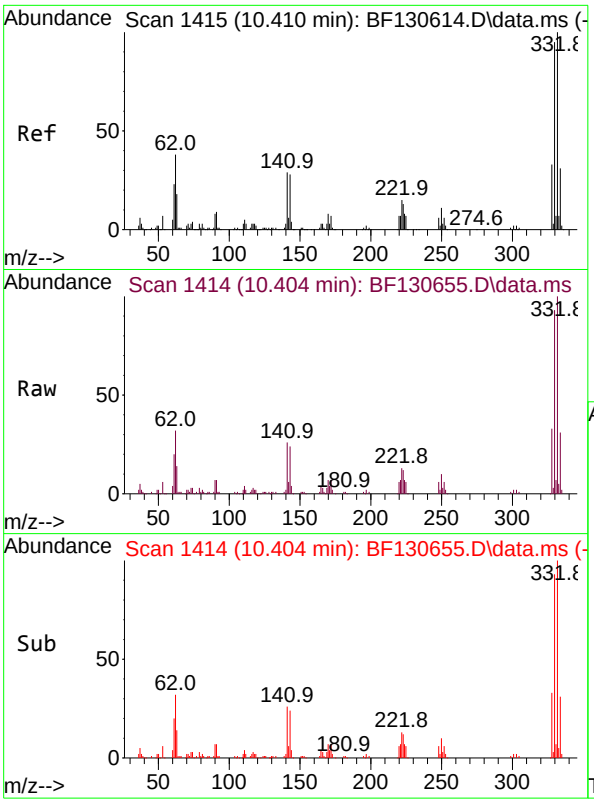


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:164 Resp: 134513

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.0	121.4
160	44.4	34.5	51.7



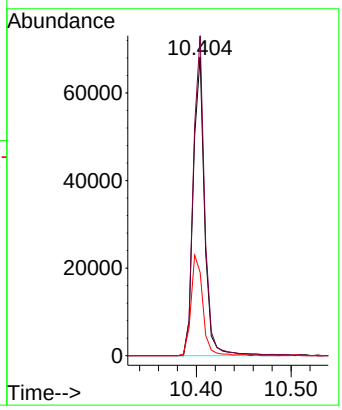


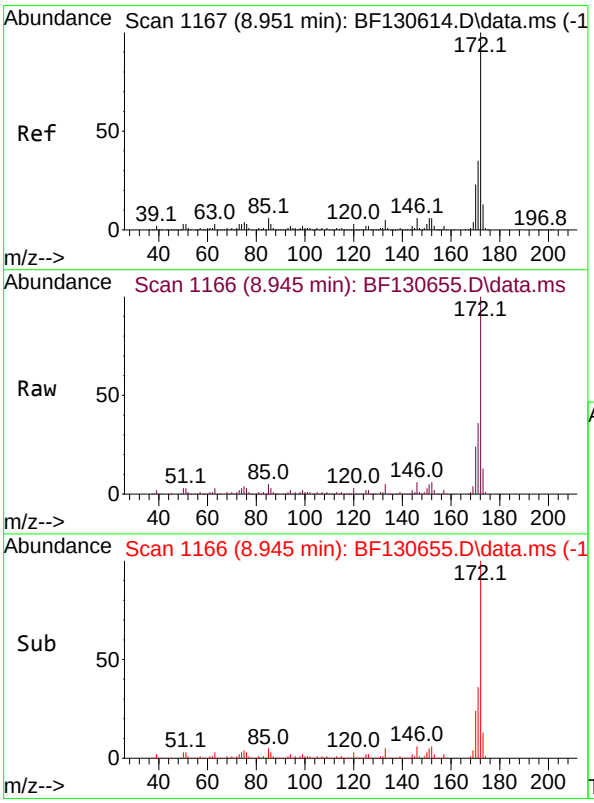
#42
2,4,6-Tribromophenol
Concen: 43.214 ng
RT: 10.404 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:330 Resp: 56878

Ion	Ratio	Lower	Upper
330	100		
332	106.5	84.2	126.4
141	35.3	26.8	40.2

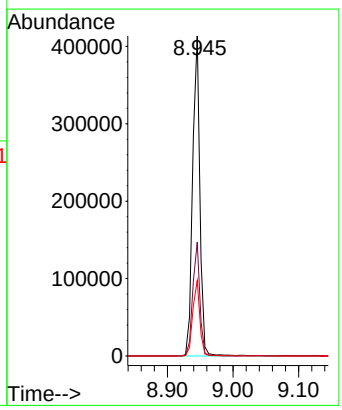


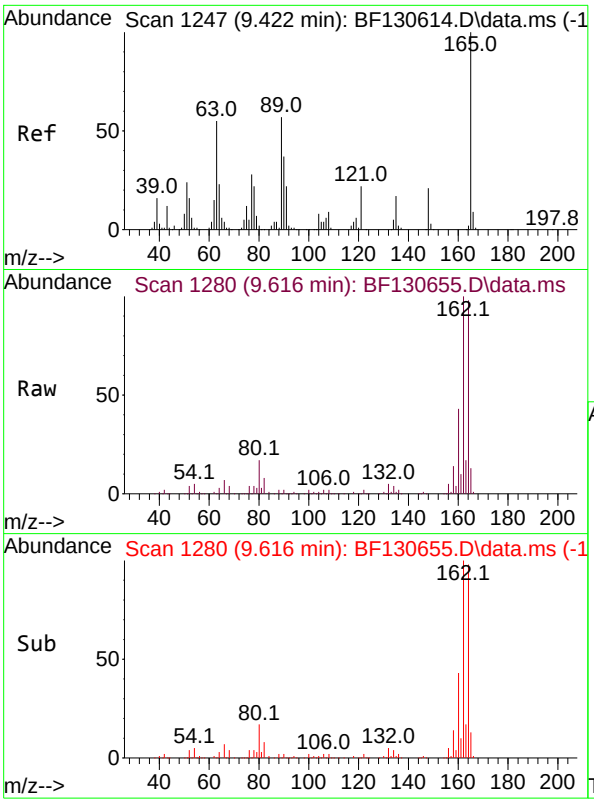


#45
2-Fluorobiphenyl
Concen: 35.869 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:172 Resp: 318526

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.8
170	23.5	18.6	27.8



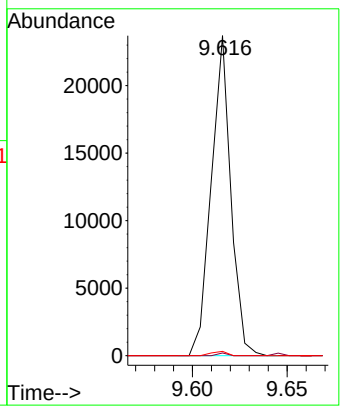


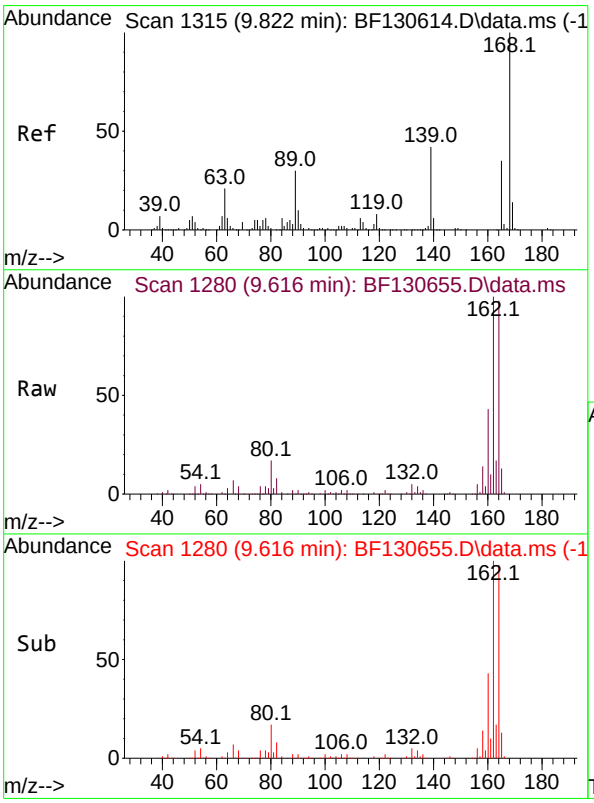
#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.616 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:165 Resp: 17064

Ion	Ratio	Lower	Upper
165	100		
63	0.9	45.3	67.9#
89	1.4	45.6	68.4#

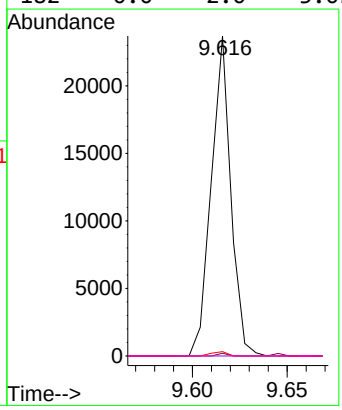


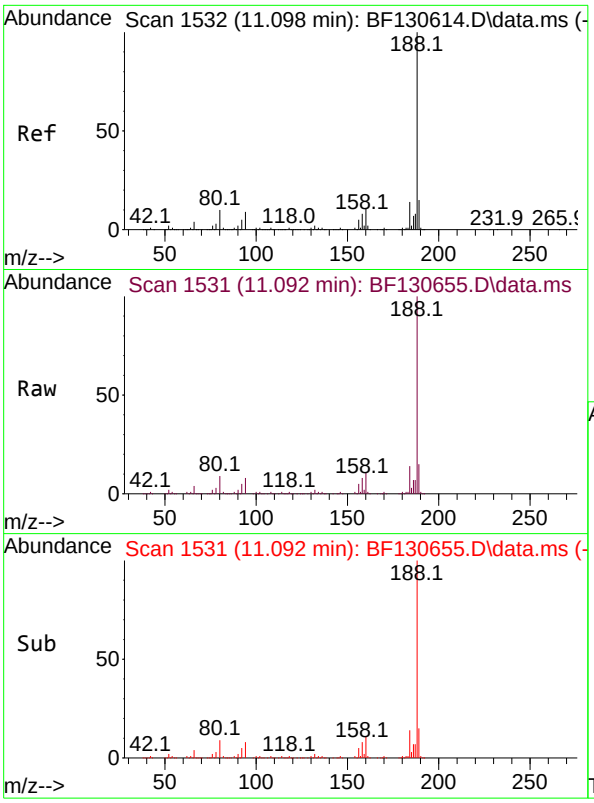


#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:165 Resp: 17064

Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.6	76.0#
89	1.4	68.6	102.8#
182	0.0	2.0	3.0#



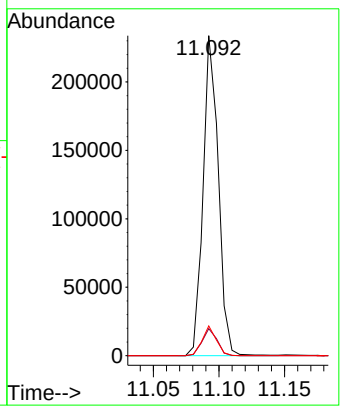


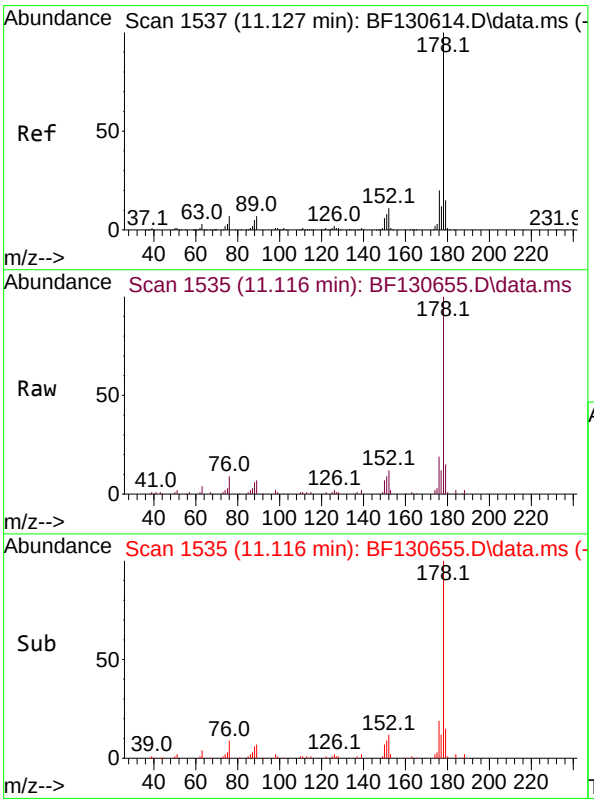
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:188 Resp: 189213

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.3	8.0	12.0

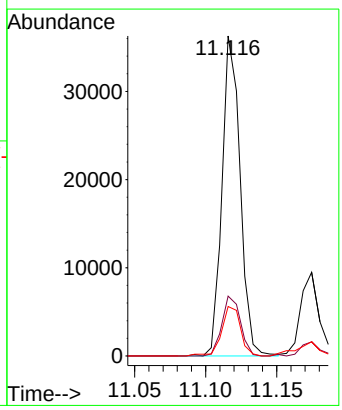


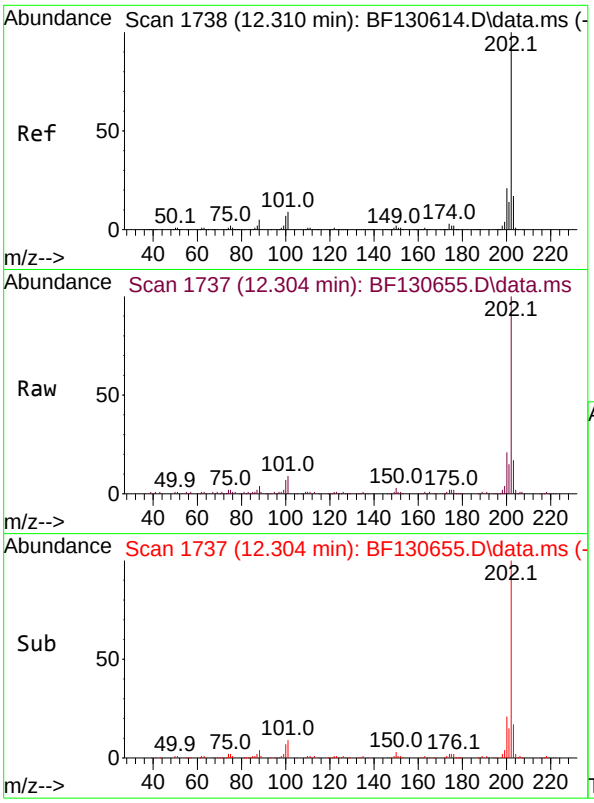


#71
Phenanthrene
Concen: 3.069 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:178 Resp: 32176

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.5	12.2	18.4



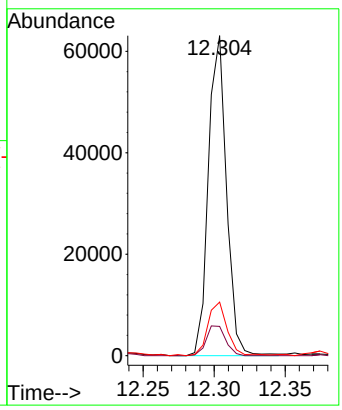


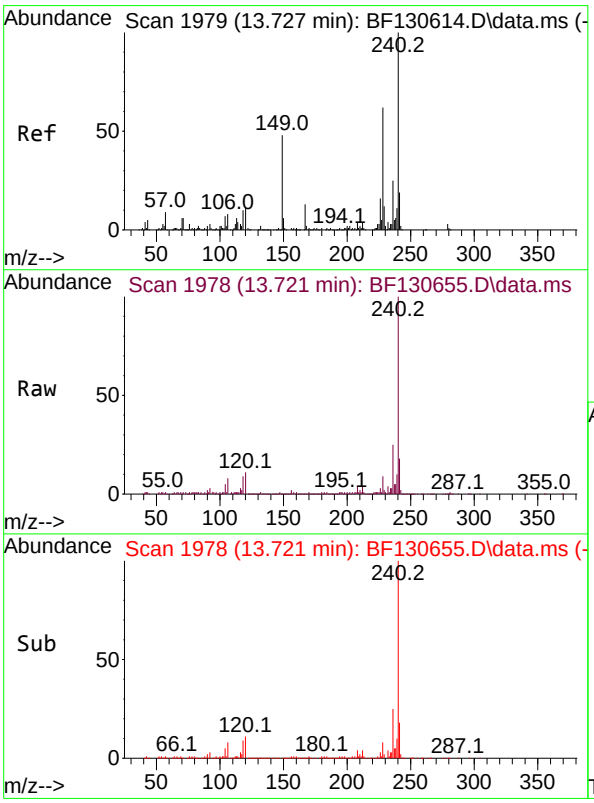
#75
Fluoranthene
Concen: 5.534 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:202 Resp: 55759

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.1
203	16.8	0.0	37.3

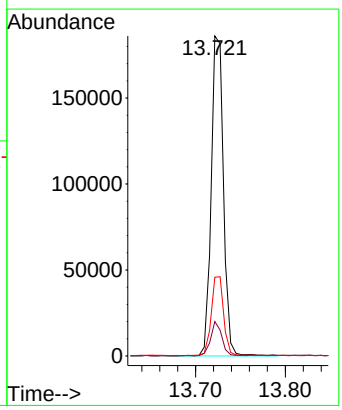


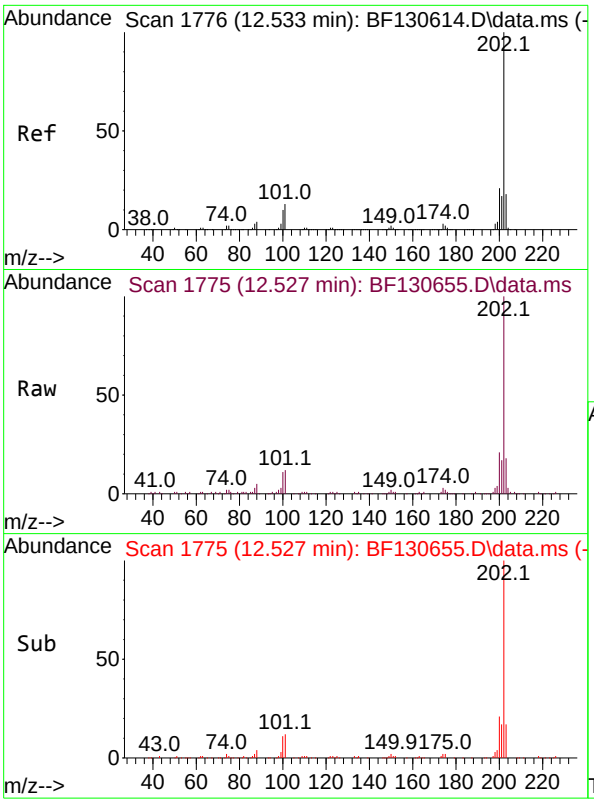


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:240 Resp: 176540

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	24.6	20.2	30.4



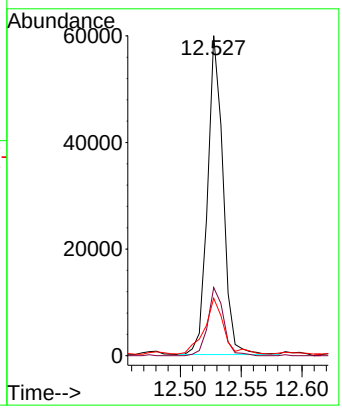


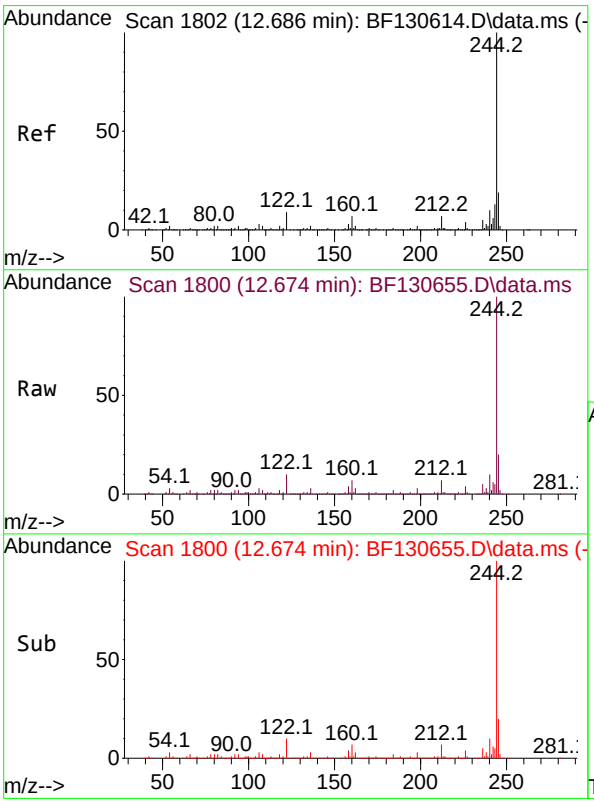
#78
Pyrene
Concen: 3.455 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:202 Resp: 52627

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.0	14.0	21.0

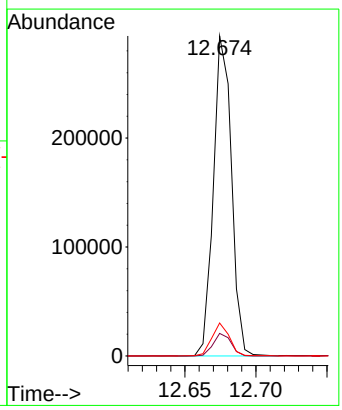


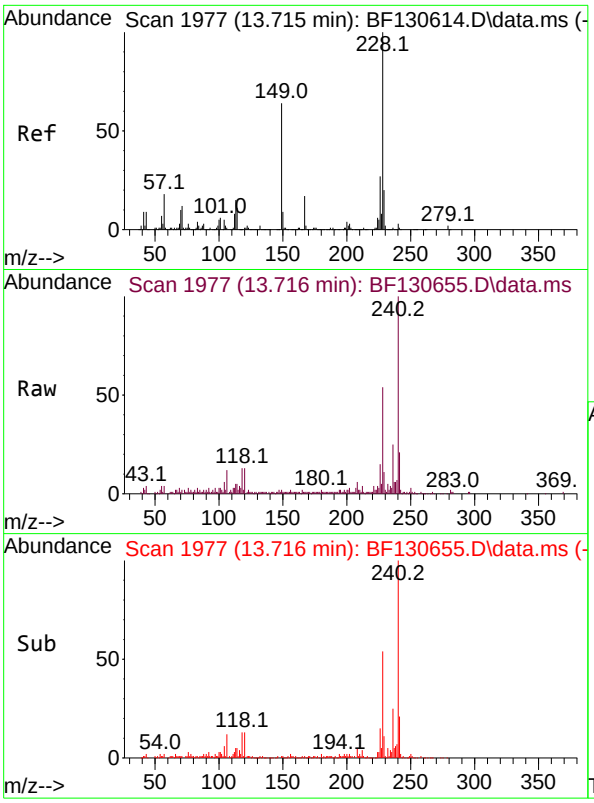


#79
Terphenyl-d14
Concen: 24.416 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:244 Resp: 259710

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.3	7.5	11.3



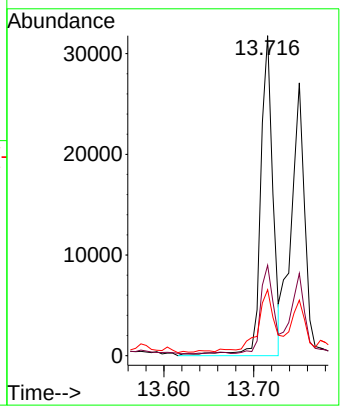


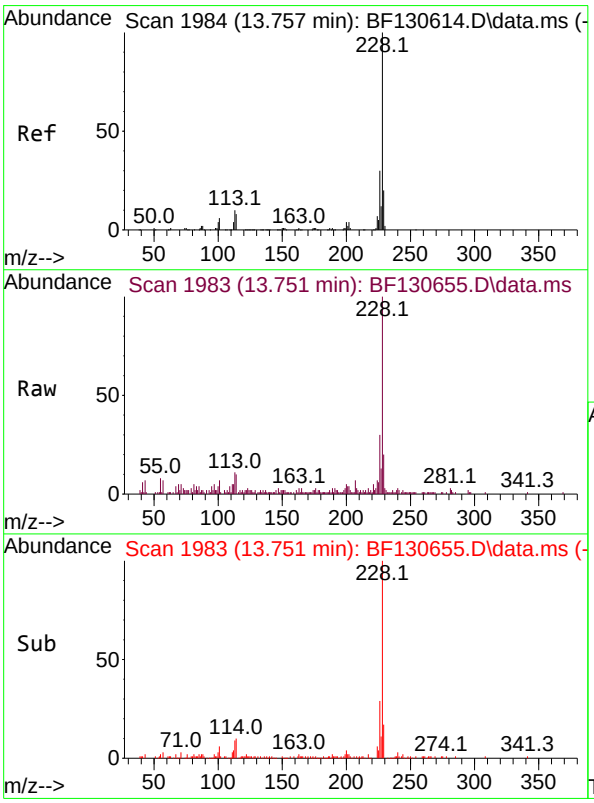
#81
Benzo(a)anthracene
Concen: 2.530 ng
RT: 13.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:228 Resp: 30093

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.4	32.2
229	20.6	15.8	23.8

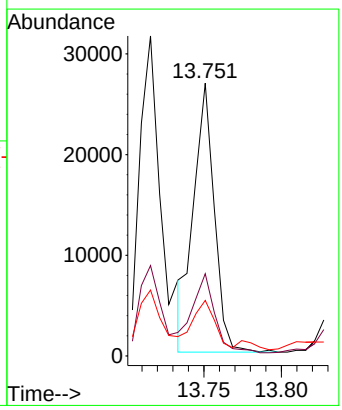


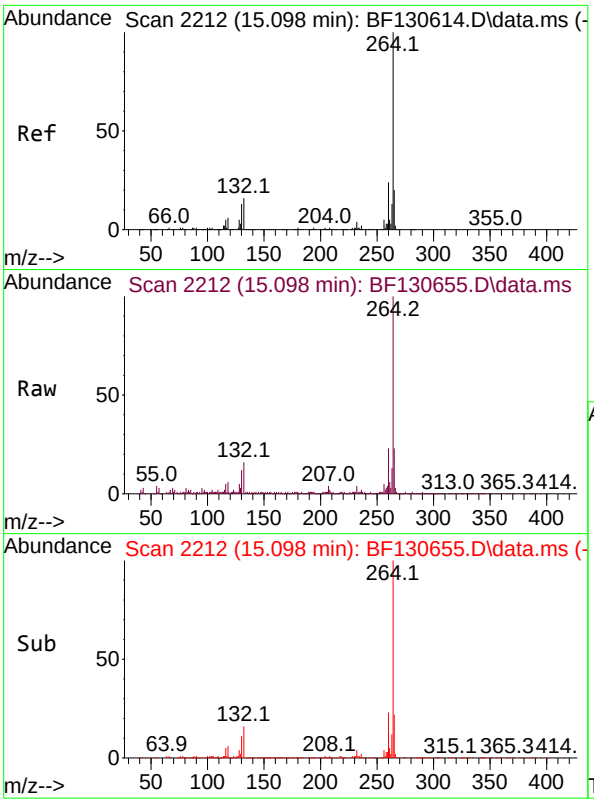


#83
Chrysene
Concen: 2.216 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:228 Resp: 24990

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.3	15.9	23.9



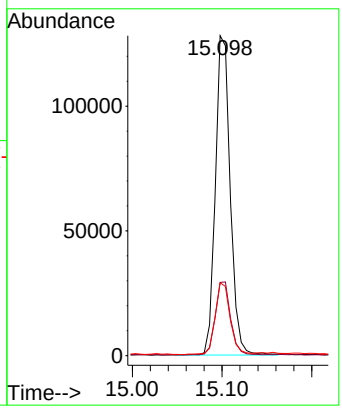


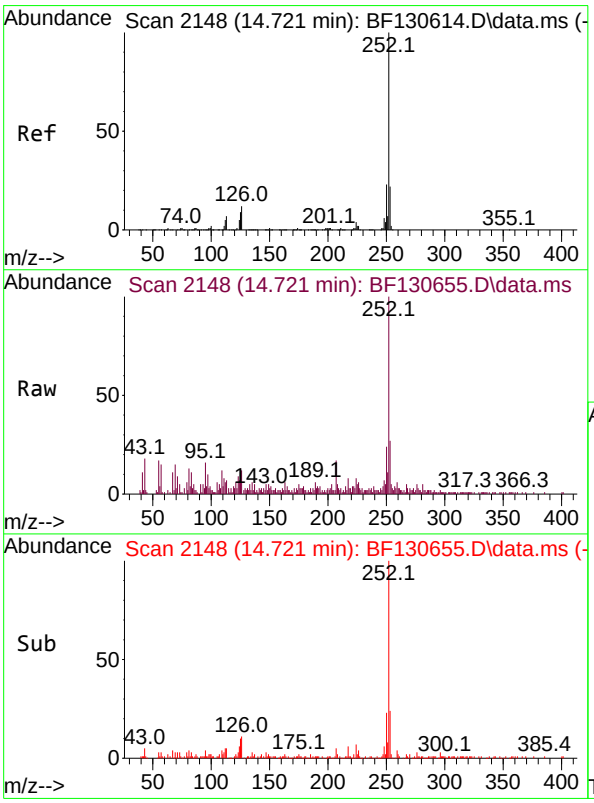
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 147140

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	22.8	16.4	24.6

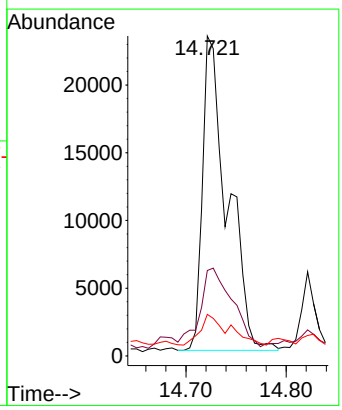


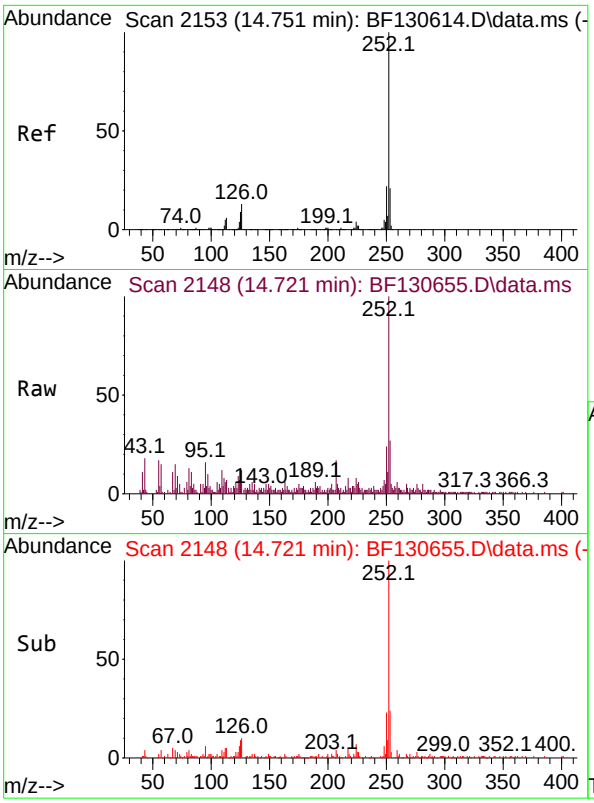


#88
Benzo(b)fluoranthene
Concen: 4.315 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:252 Resp: 40200

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	13.0	7.4	11.0#



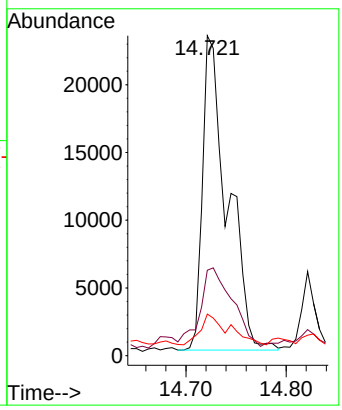


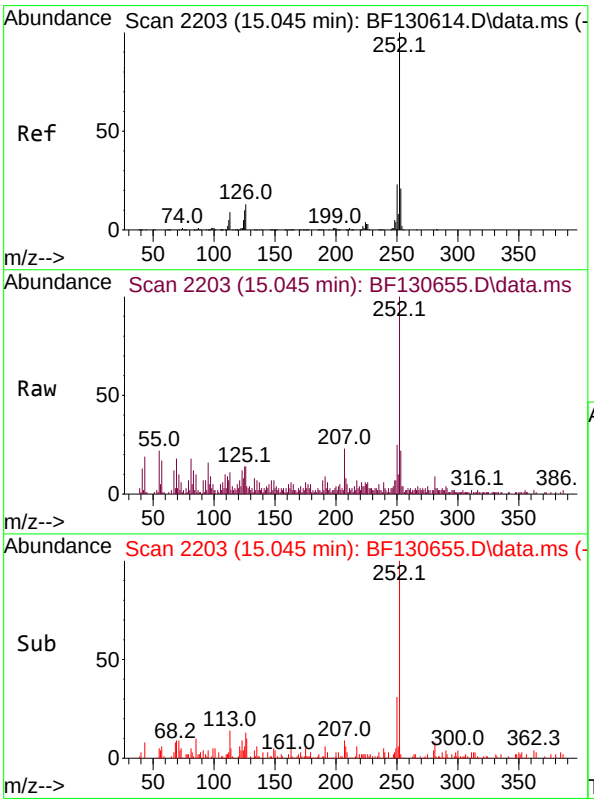
#89
Benzo(k)fluoranthene
Concen: 4.237 ng
RT: 14.721 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:252 Resp: 40200

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.4#
125	13.0	7.2	10.8#





#90
Benzo(a)pyrene
Concen: 2.704 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF130655.D
Acq: 13 Oct 2022 19:33

Tgt Ion:252 Resp: 20972

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	14.0	8.4	12.6#