Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131165.D
Acq On : 11 Nov 2022 21:31
Operator : CG\JU
Sample : N5556-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RM-2

Quant Time: Nov 12 00:07:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 12 00:03:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	90587	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	297016	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	108525	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	212185	20.000	ng		0.00
76) Chrysene-d12	14.057	240	132234	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	96225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	169147	31.754	ng		0.00
7) Phenol-d6	6.498	99	285952	41.061	ng		0.00
23) Nitrobenzene-d5	7.434	82	184486	28.025	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	13553	12.084	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	253989	32.671	ng		0.00
79) Terphenyl-d14	12.992	244	216690	28.731	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	25657	5.611	ng	#	72
25) Isophorone	7.434	82	184483	18.125	ng	#	68
51) 2,6-Dinitrotoluene	9.916	165	15075	8.886	ng	#	15
52) Acenaphthene	9.945	154	14970	2.412	ng		98
57) 2,4-Dinitrotoluene	9.916	165	15075	6.684	ng	#	17
58) Fluorene	10.463	166	23089	3.093	ng		93
71) Phenanthrene	11.433	178	200786	17.205	ng		99
72) Anthracene	11.486	178	60200	5.315	ng		98
75) Fluoranthene	12.627	202	211836	18.134	ng		99
78) Pyrene	12.857	202	206354	18.189	ng		99
81) Benzo(a)anthracene	14.045	228	83983	8.886	ng		97
83) Chrysene	14.080	228	72332	8.103	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	31943	7.595	ng		99
88) Benzo(b)fluoranthene	15.115	252	92711	13.628	ng	#	90
89) Benzo(k)fluoranthene	15.115	252	92711	14.178	ng	#	91
90) Benzo(a)pyrene	15.486	252	49046	8.992	ng	#	90
91) Dibenzo(a,h)anthracene	17.062	278	9619	5.226	ng	#	68
92) Benzo(g,h,i)perylene	17.515	276	28511	8.196	ng	#	91

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

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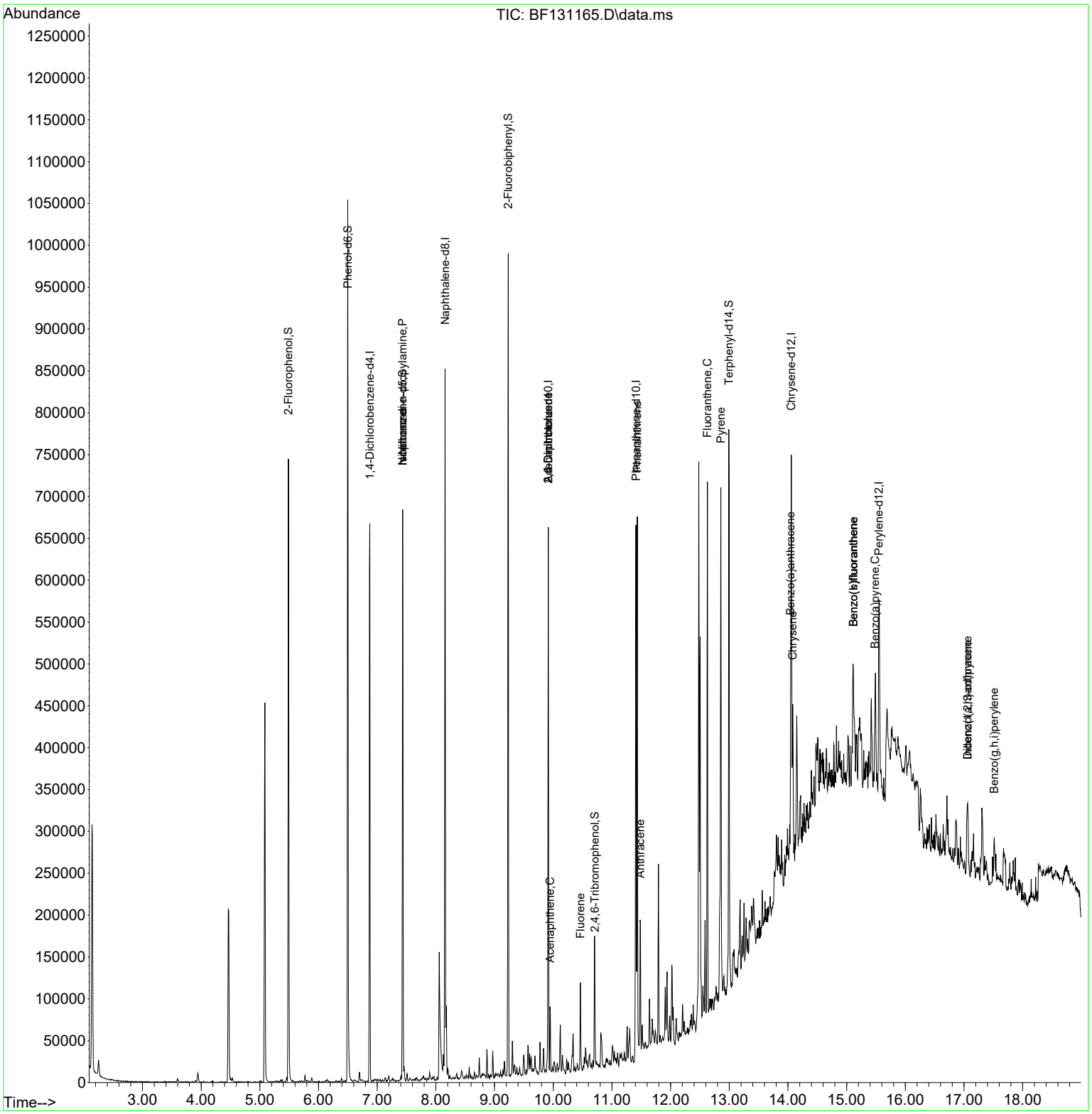
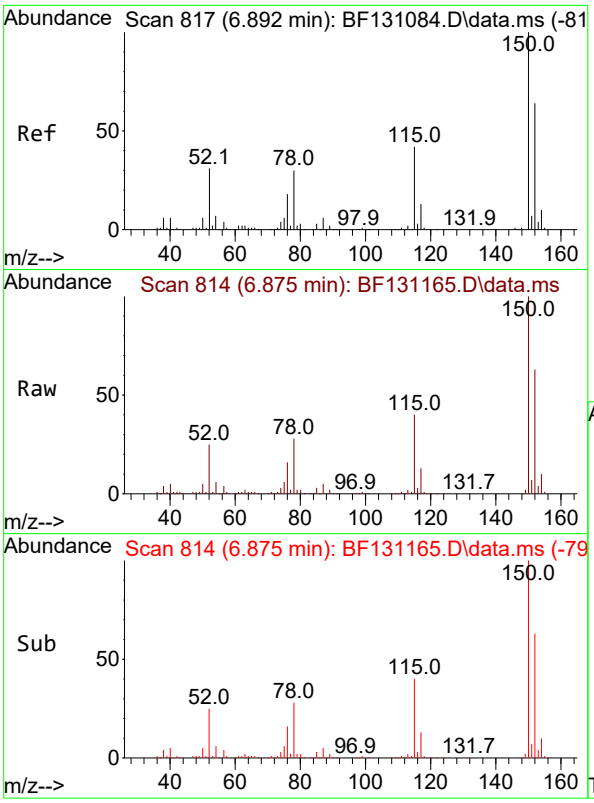


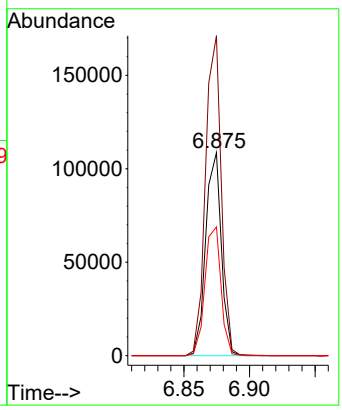


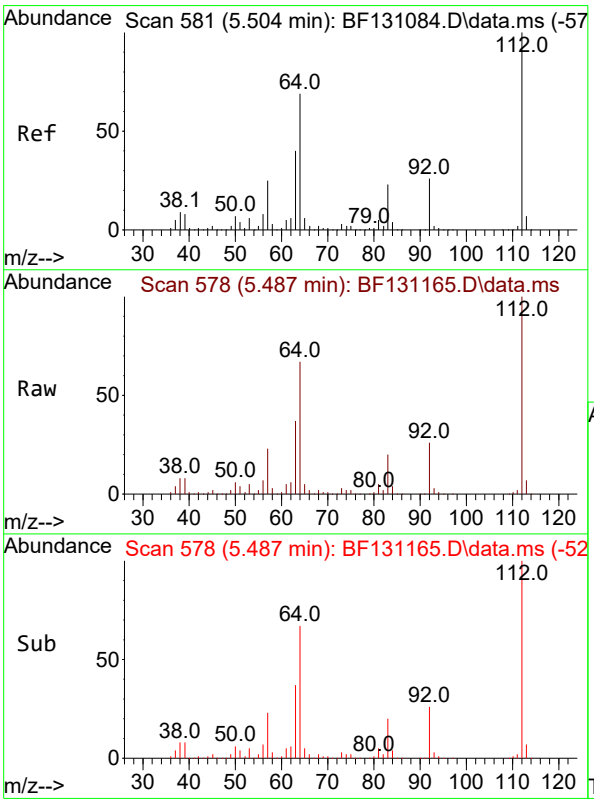
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:152 Resp: 90587

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.5	188.3
115	63.5	52.2	78.2

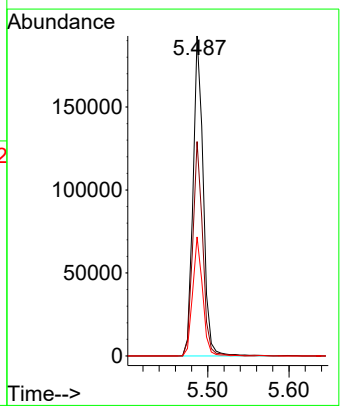


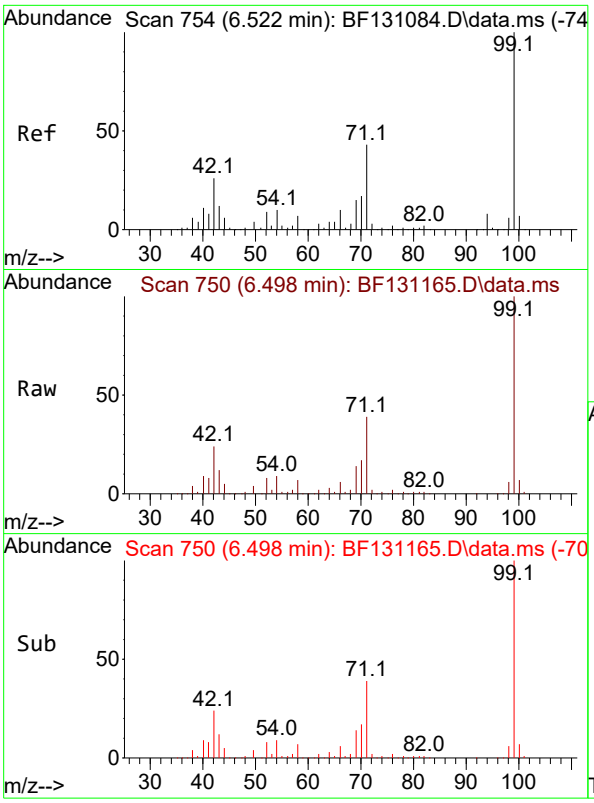


#5
2-Fluorophenol
Concen: 31.754 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:112 Resp: 169147

Ion	Ratio	Lower	Upper
112	100		
64	67.0	55.1	82.7
63	37.2	32.4	48.6



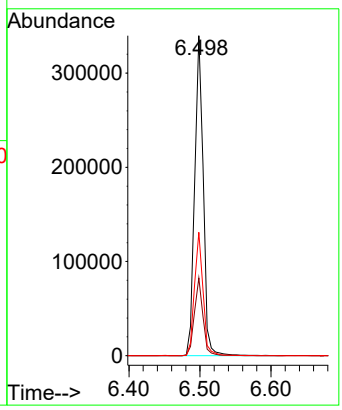


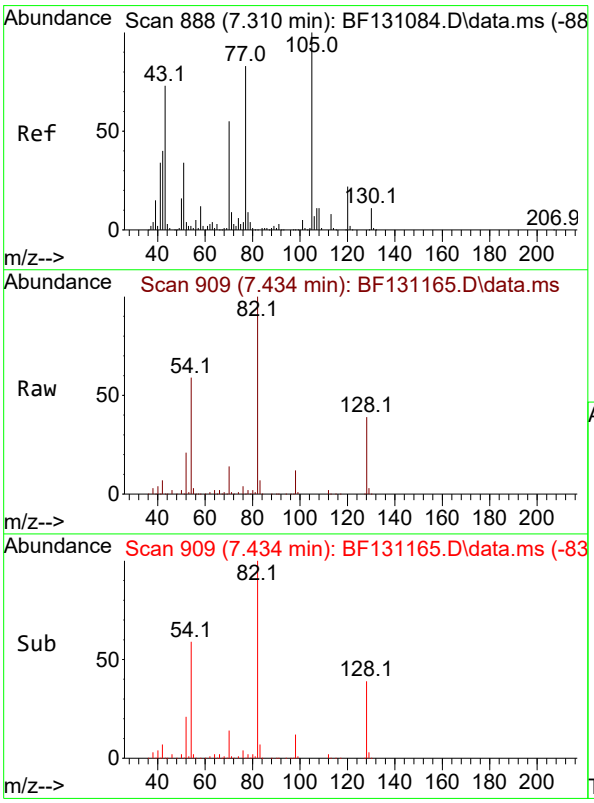
#7
Phenol-d6
Concen: 41.061 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion: 99 Resp: 285952

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.8	31.2
71	38.6	34.2	51.4

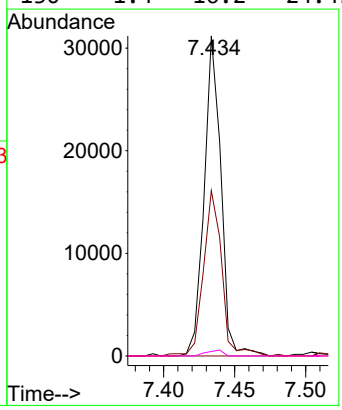


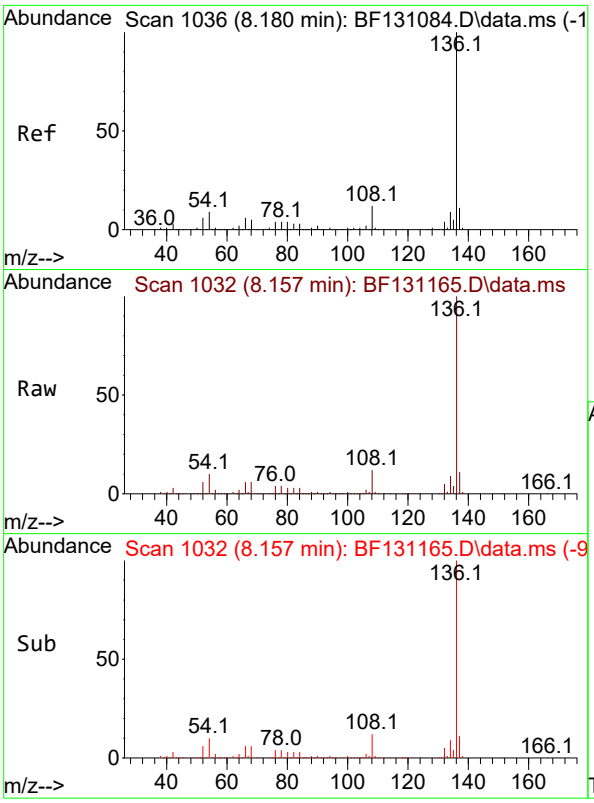


#19
n-Nitroso-di-n-propylamine
Concen: 5.611 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion: 70 Resp: 25657

Ion	Ratio	Lower	Upper
70	100		
42	51.6	58.3	87.5#
101	0.0	7.4	11.2#
130	1.4	16.2	24.4#



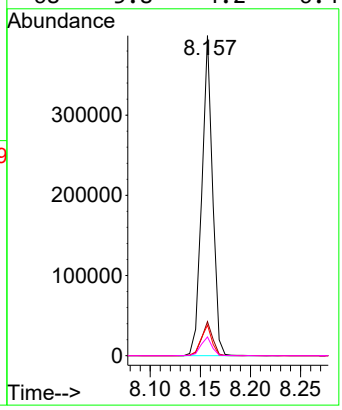


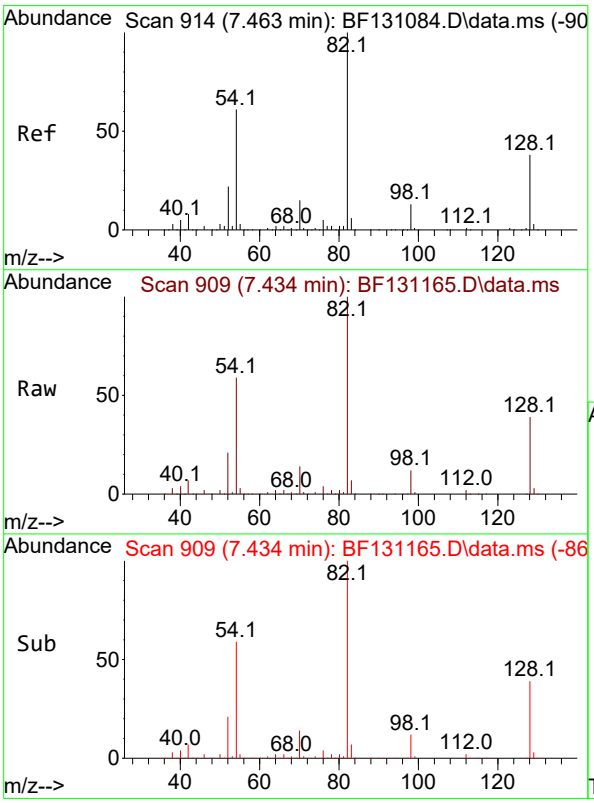
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:136 Resp: 297016

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.5	7.2	10.8
68	5.8	4.2	6.4

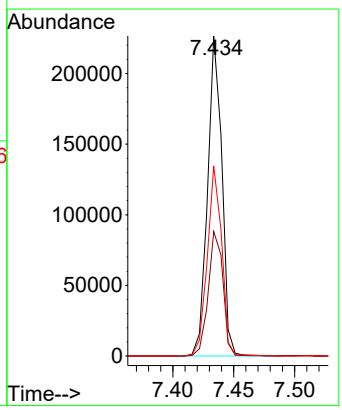


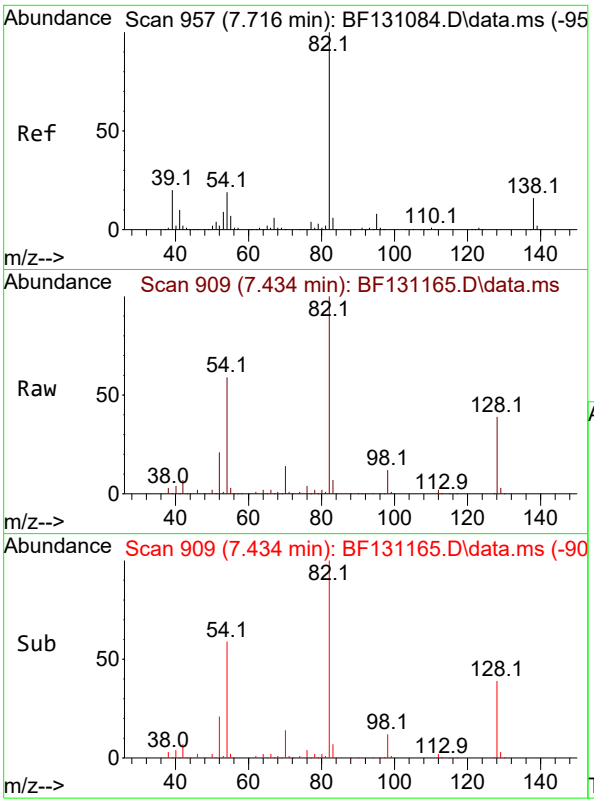


#23
Nitrobenzene-d5
Concen: 28.025 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion: 82 Resp: 184486

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	59.4	49.1	73.7



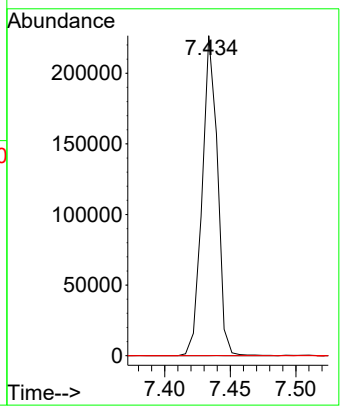


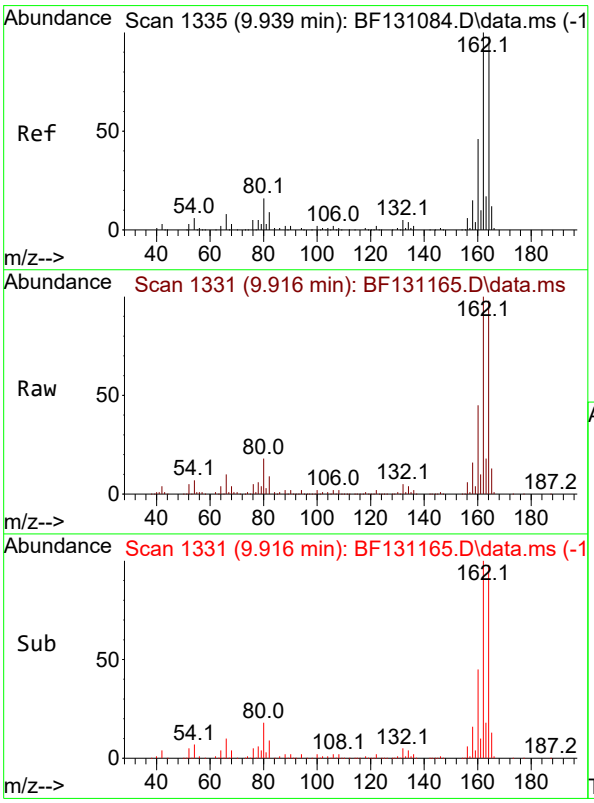
#25
Isophorone
Concen: 18.125 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion: 82 Resp: 184483

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.5	18.7#

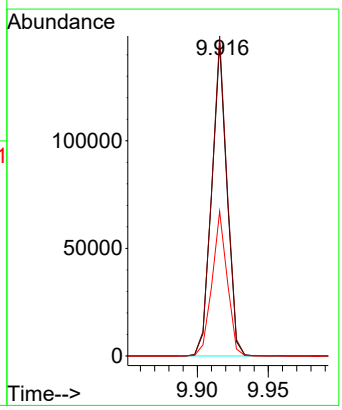


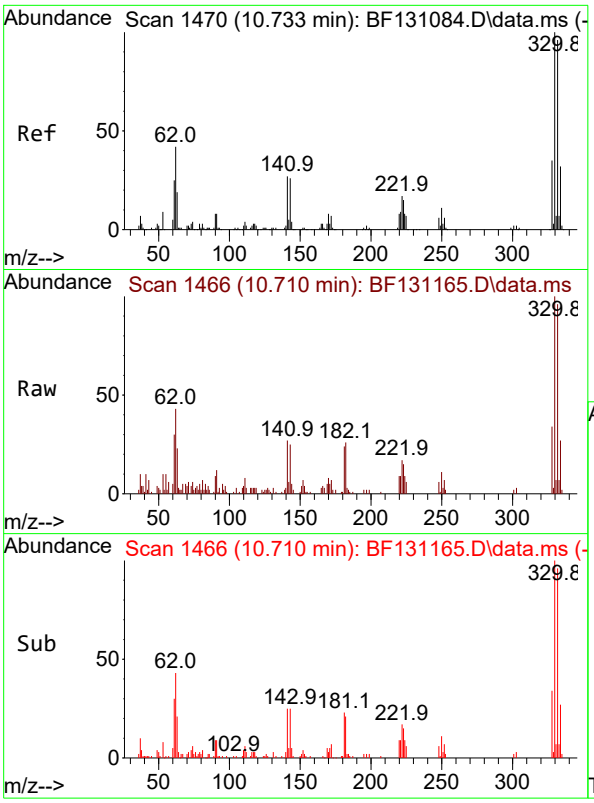


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:164 Resp: 108525

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.2	37.4	56.2



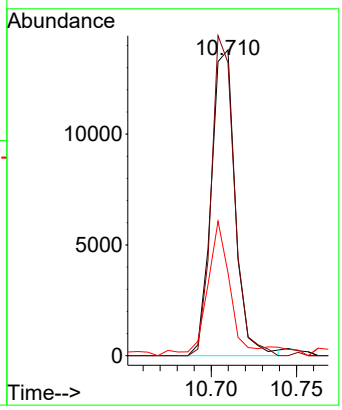


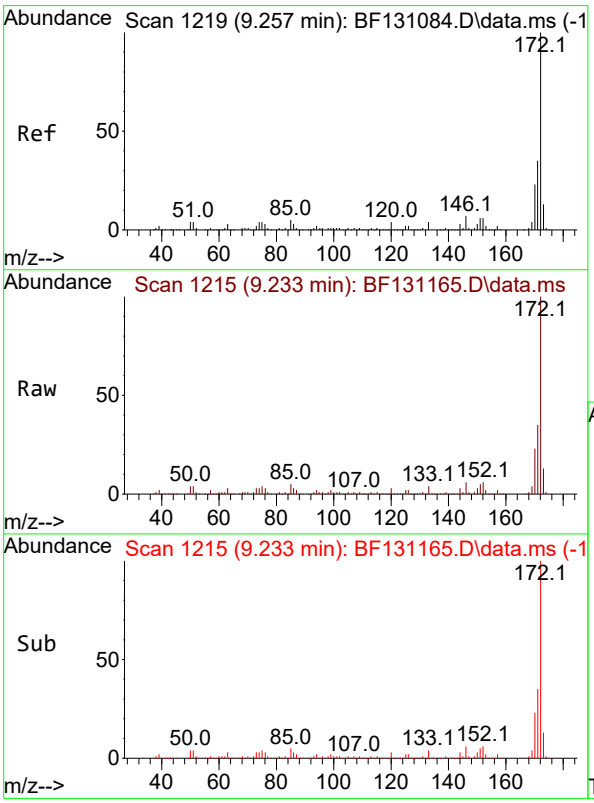
#42
2,4,6-Tribromophenol
Concen: 12.084 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:330 Resp: 13553

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.4
141	41.0	28.5	42.7

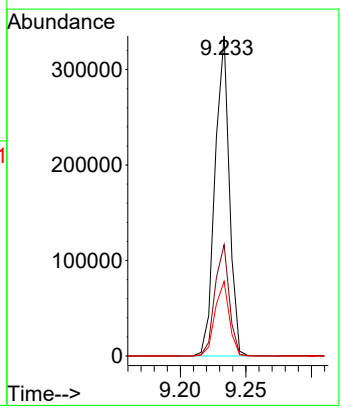


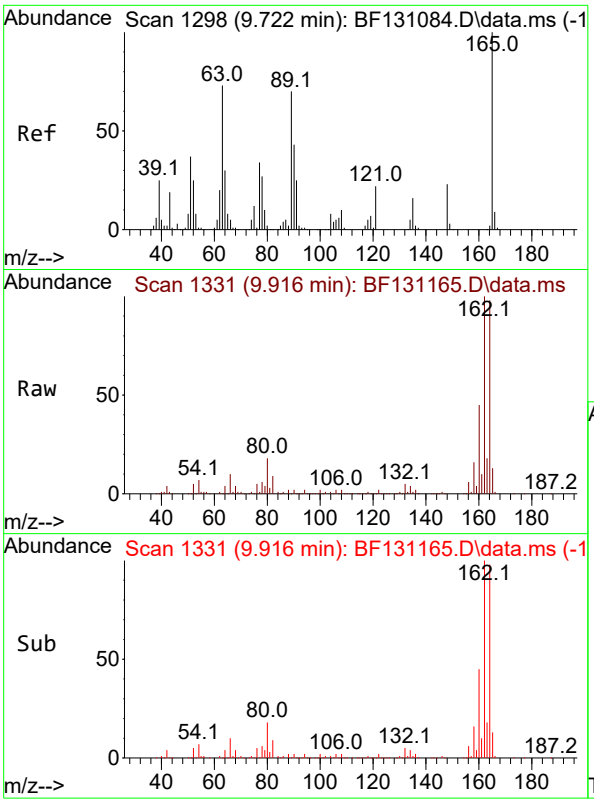


#45
2-Fluorobiphenyl
Concen: 32.671 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:172 Resp: 253989

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.3	18.8	28.2



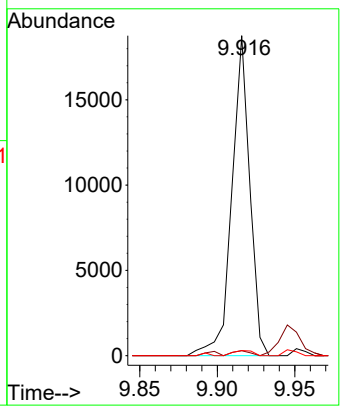


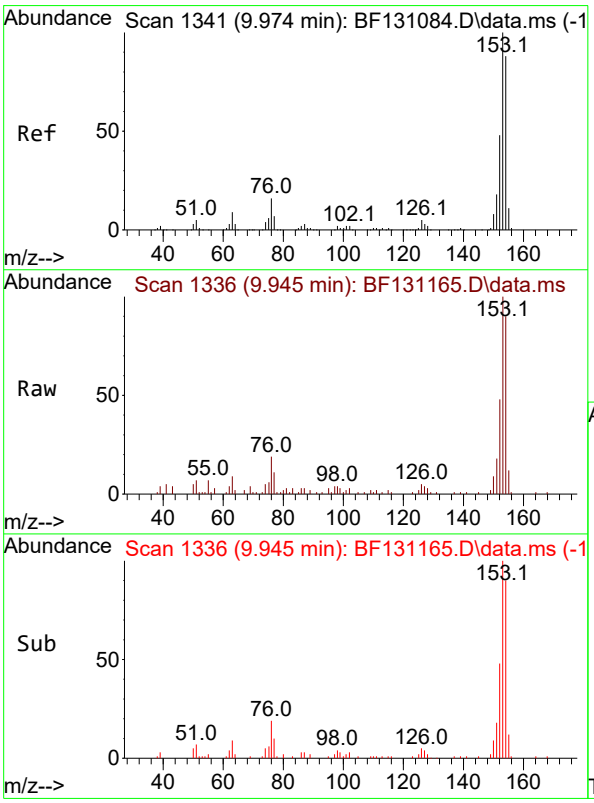
#51
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:165 Resp: 15075

Ion	Ratio	Lower	Upper
165	100		
63	1.5	61.4	92.2#
89	1.6	56.0	84.0#

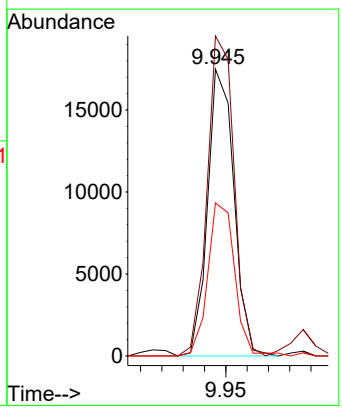


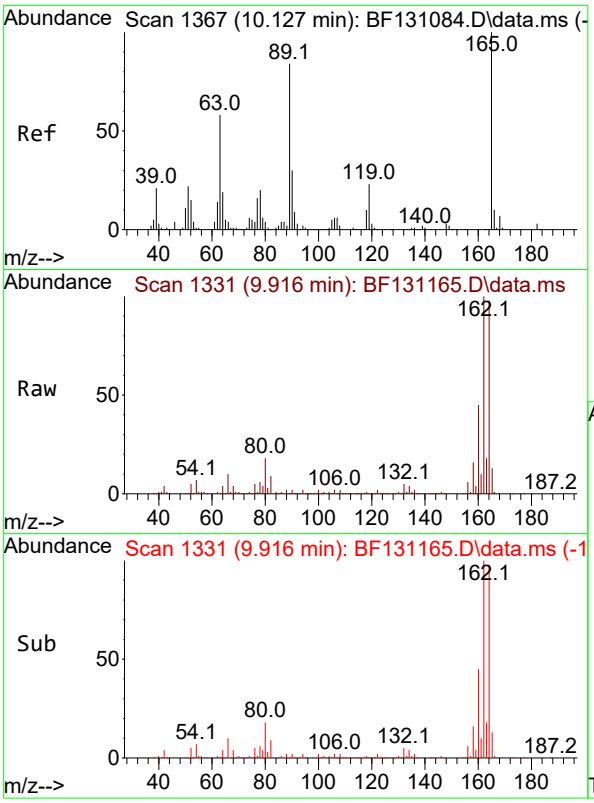


#52
Acenaphthene
Concen: 2.412 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:154 Resp: 14970

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.8	136.2
152	53.4	43.4	65.2



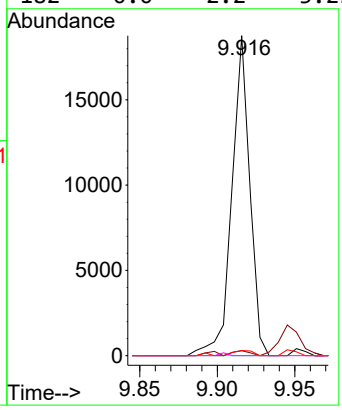


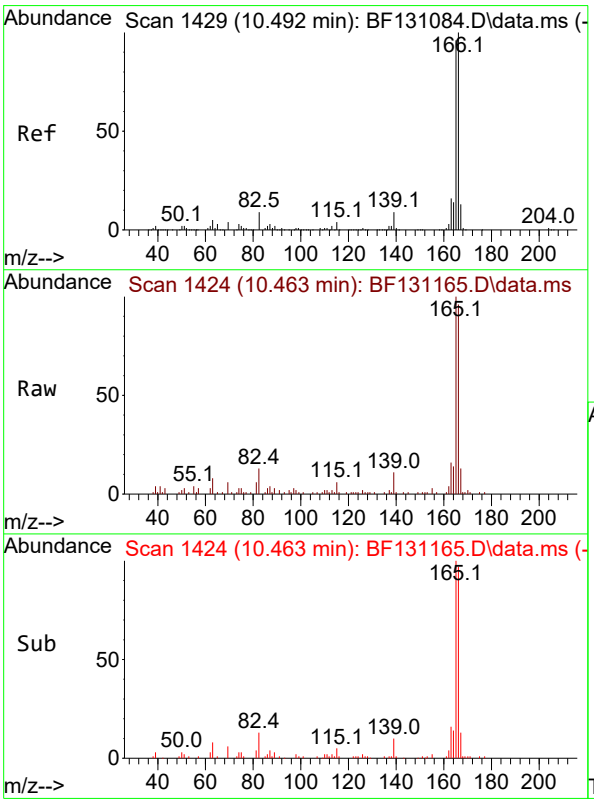
#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.194 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:165 Resp: 15075

Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.9	70.3#
89	1.6	66.9	100.3#
182	0.0	2.2	3.2#

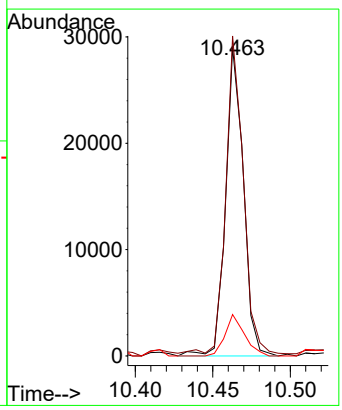


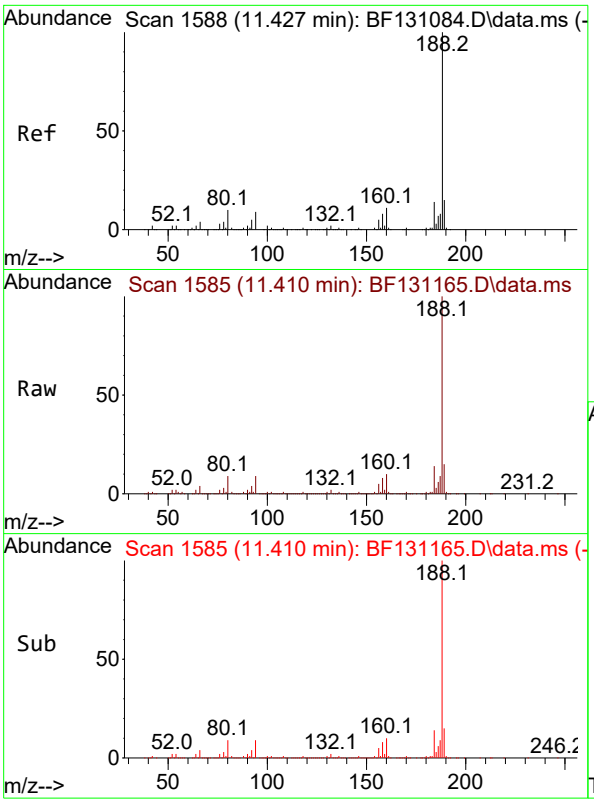


#58
Fluorene
Concen: 3.093 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:166 Resp: 23089

Ion	Ratio	Lower	Upper
166	100		
165	103.8	77.2	115.8
167	13.5	10.2	15.4



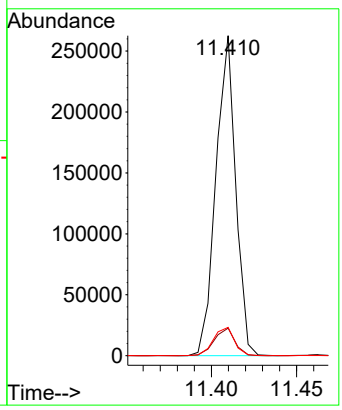


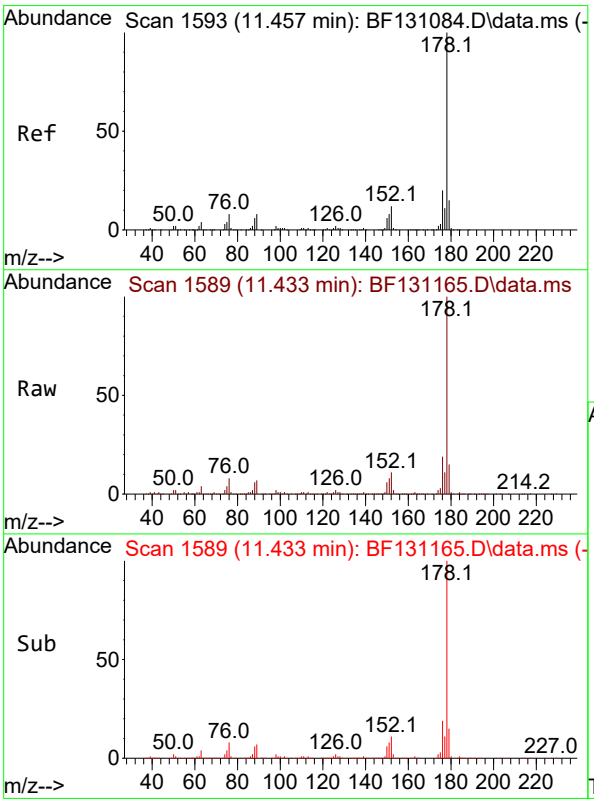
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:188 Resp: 212185

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.9	7.9	11.9

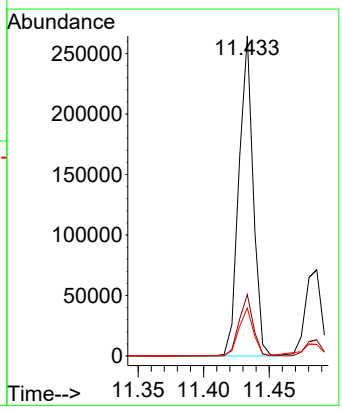


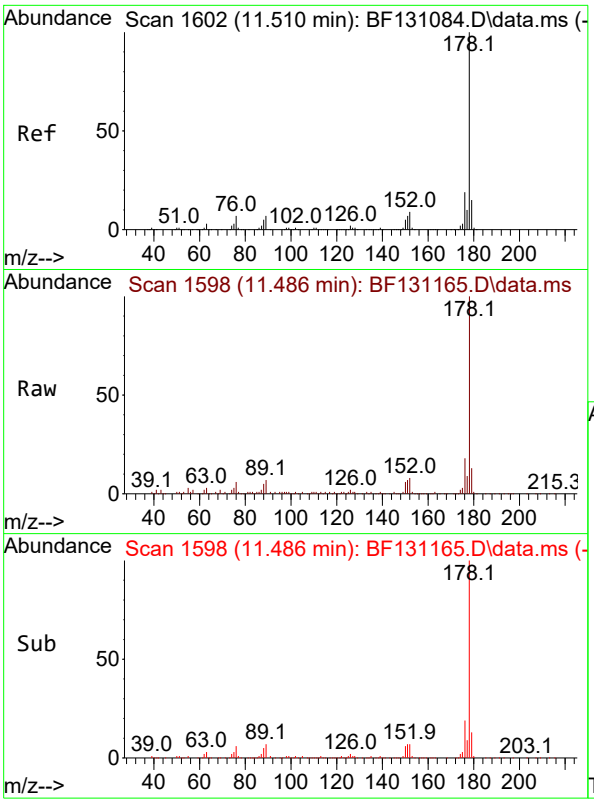


#71
Phenanthrene
Concen: 17.205 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:178 Resp: 200786

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.0	12.2	18.2



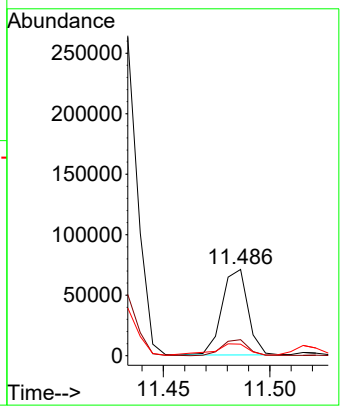


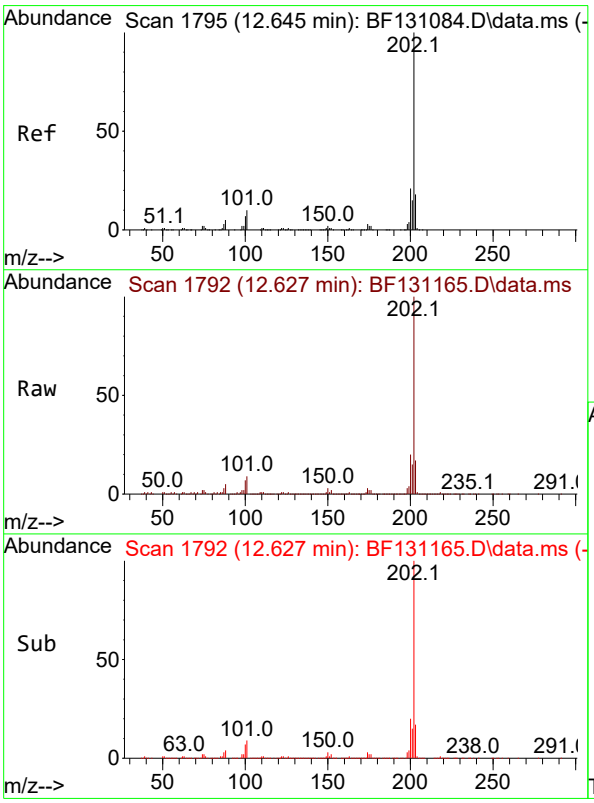
#72
Anthracene
Concen: 5.315 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:178 Resp: 60200

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	13.4	11.8	17.8

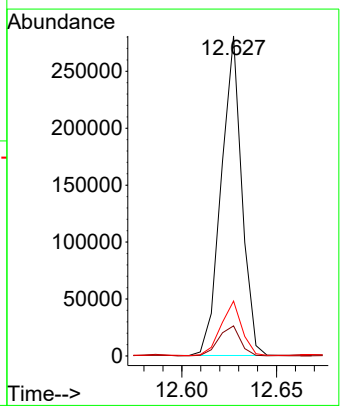


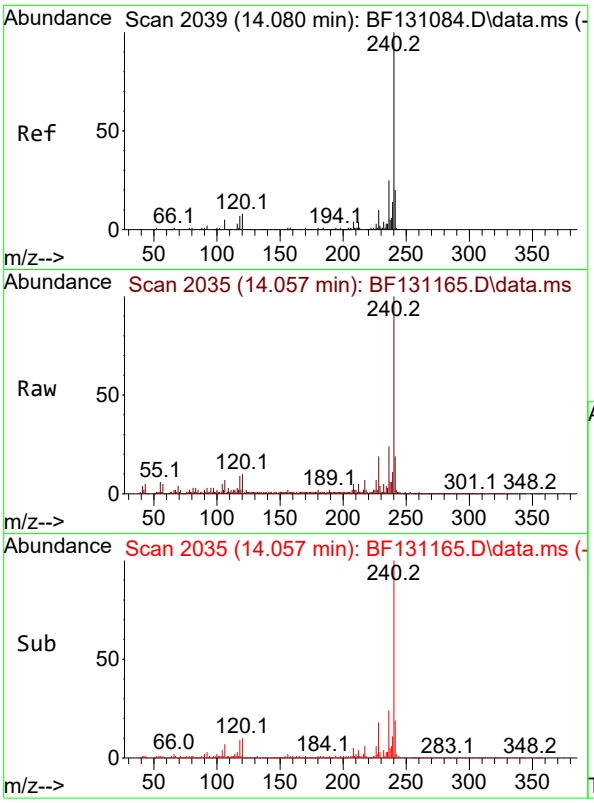


#75
Fluoranthene
Concen: 18.134 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:202 Resp: 211836

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	17.2	0.0	37.7



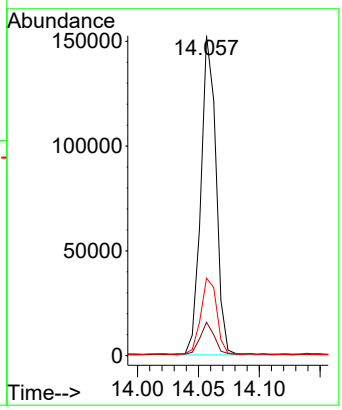


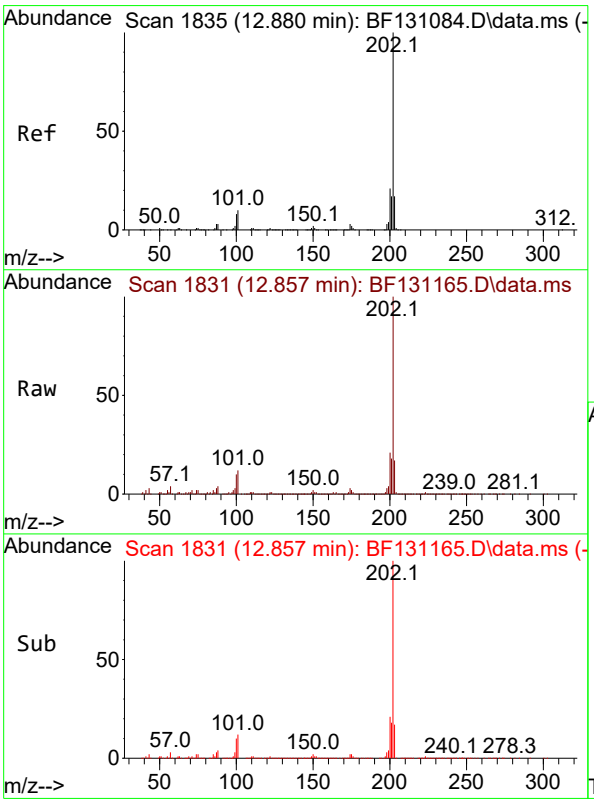
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:240 Resp: 132234

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.5	9.7#
236	24.3	19.7	29.5

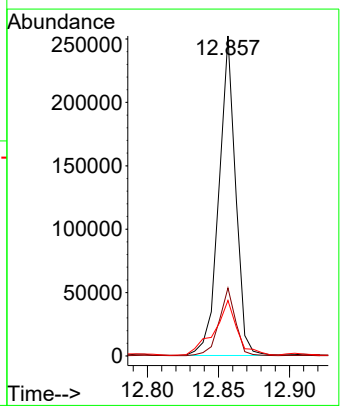


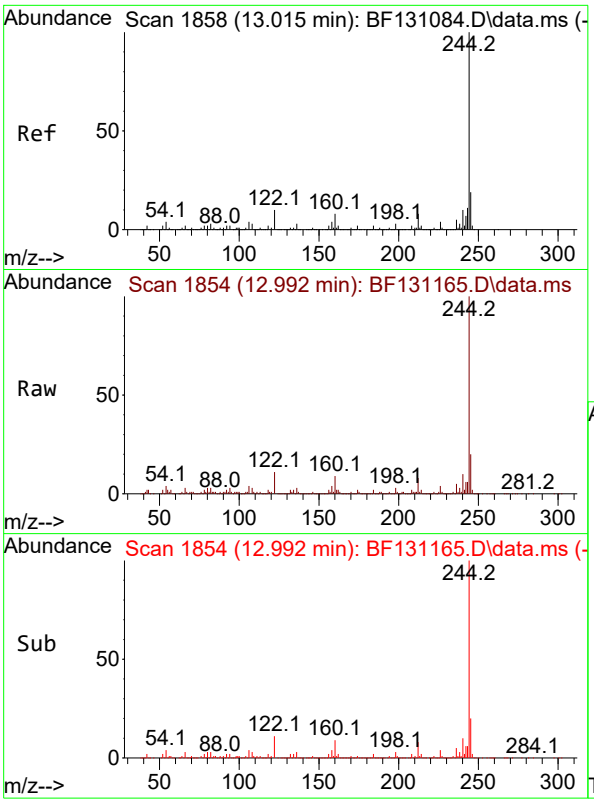


#78
Pyrene
Concen: 18.189 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:202 Resp: 206354

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.3	13.6	20.4



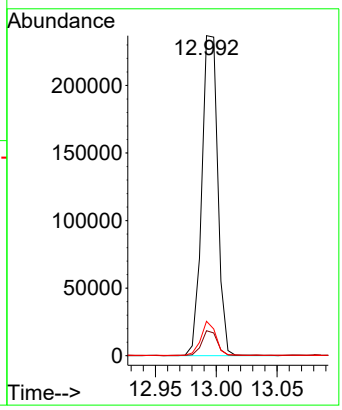


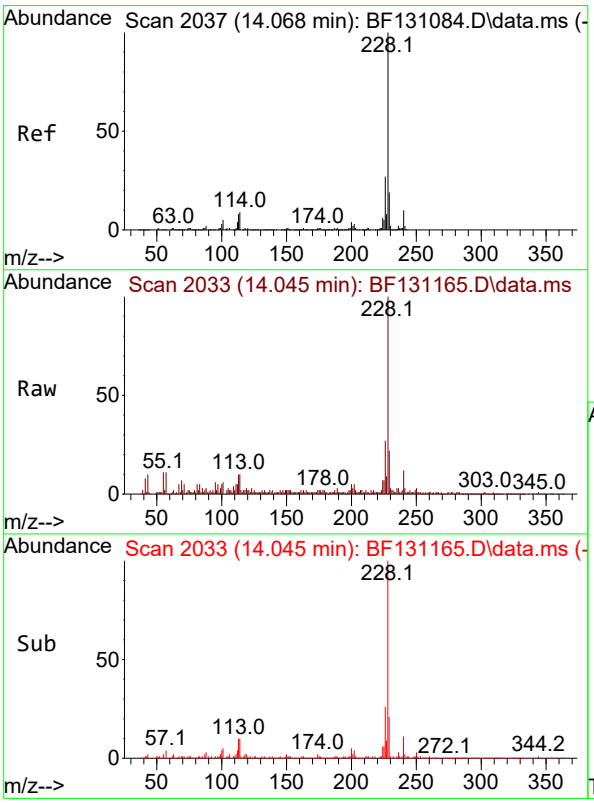
#79
Terphenyl-d14
Concen: 28.731 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:244 Resp: 216690

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.7	7.8	11.8

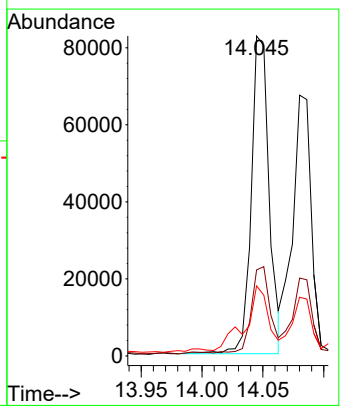


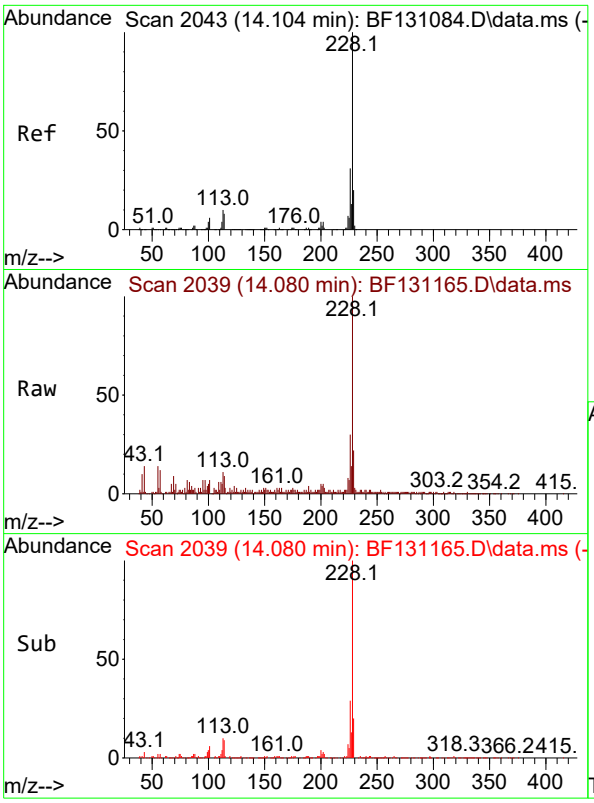


#81
Benzo(a)anthracene
Concen: 8.886 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:228 Resp: 83983

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	21.9	15.4	23.2



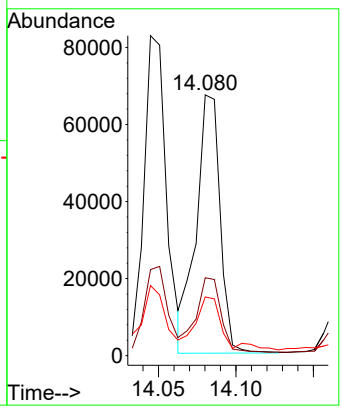


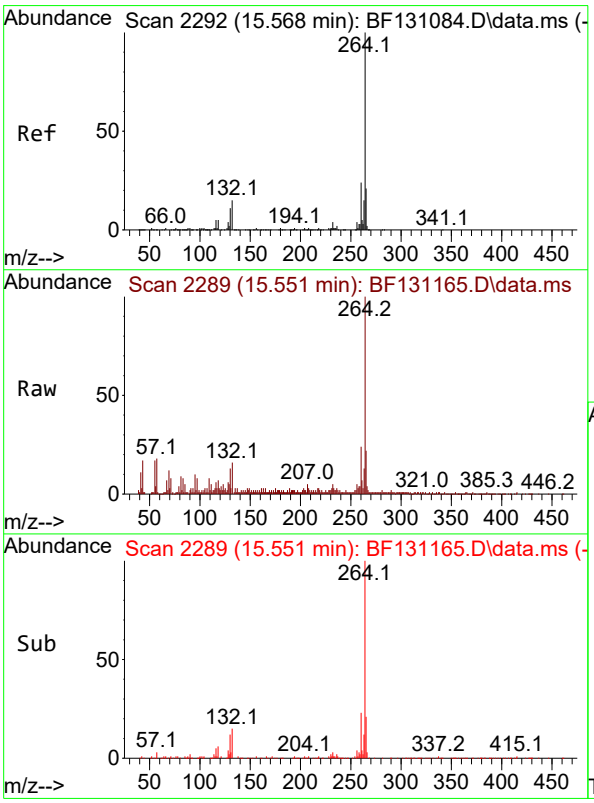
#83
Chrysene
Concen: 8.103 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:228 Resp: 72332

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	22.5	15.8	23.6

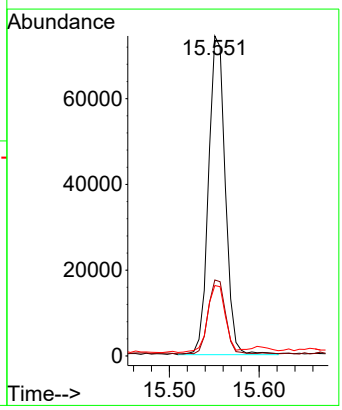


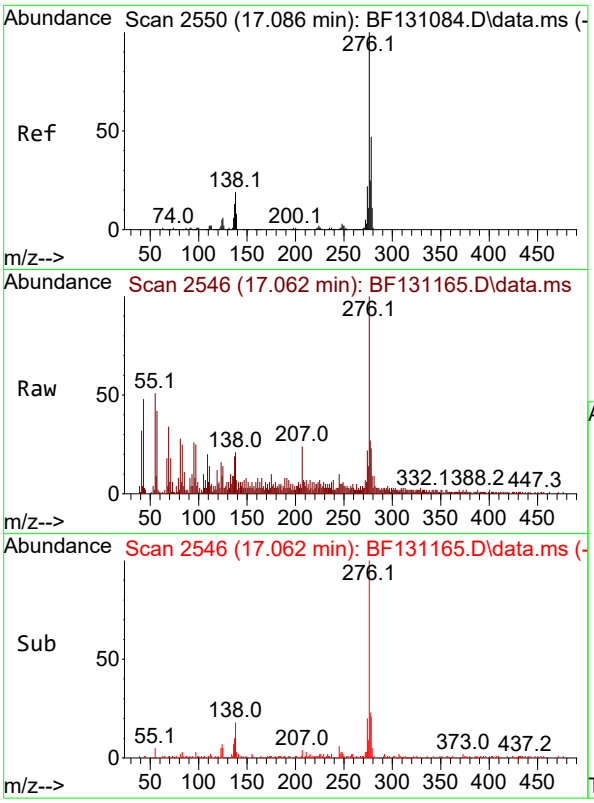


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:264 Resp: 96225

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	16.7	25.1



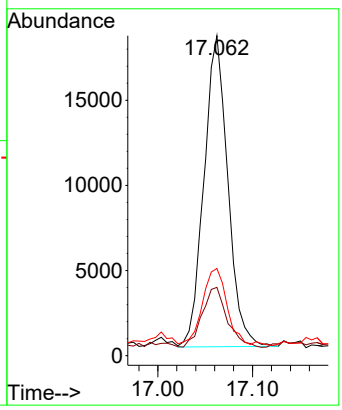


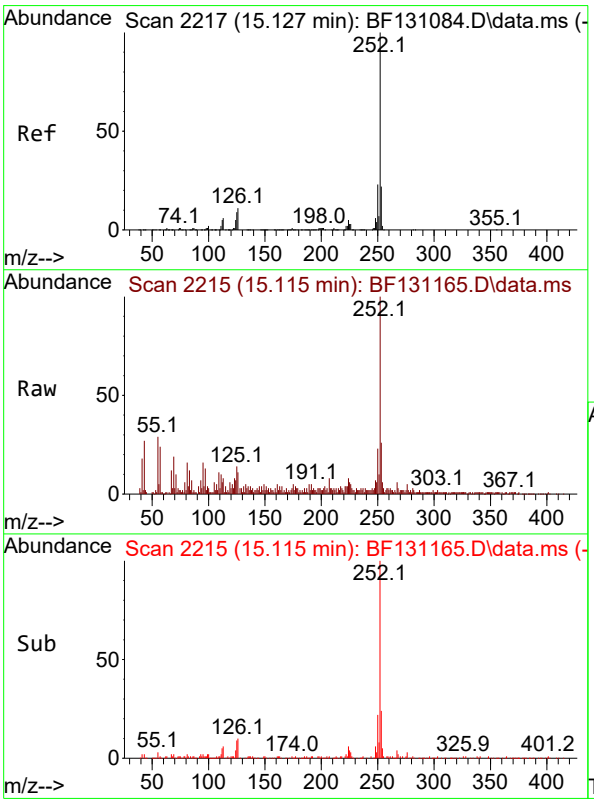
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.595 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:276 Resp: 31943

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.9	25.3
277	25.1	20.3	30.5

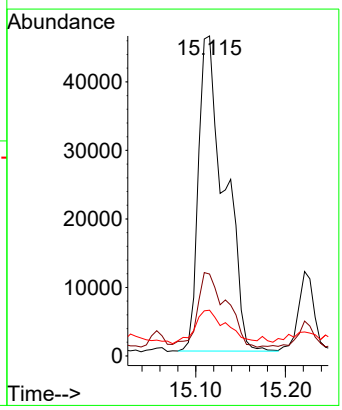


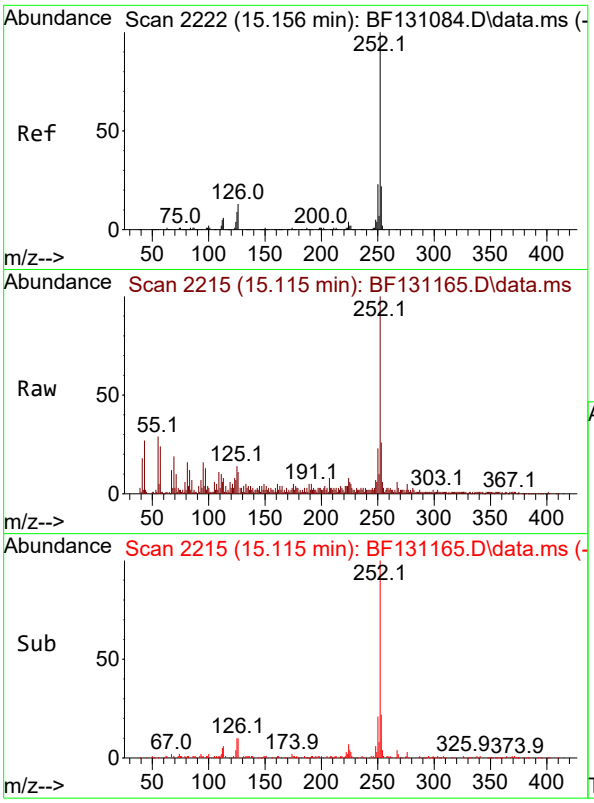


#88
Benzo(b)fluoranthene
Concen: 13.628 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:252 Resp: 92711

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	14.3	7.2	10.8#



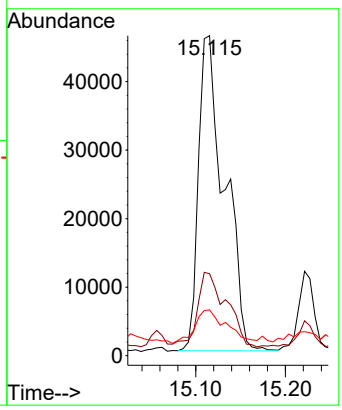


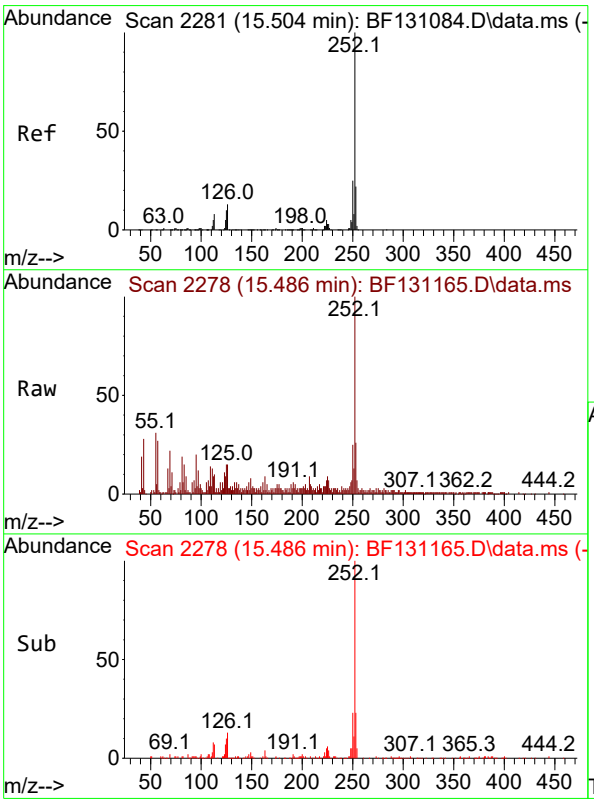
#89
Benzo(k)fluoranthene
Concen: 14.178 ng
RT: 15.115 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:252 Resp: 92711

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	14.3	7.5	11.3#

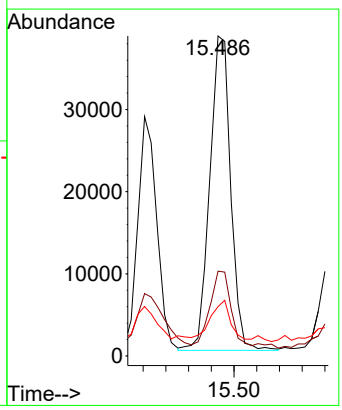


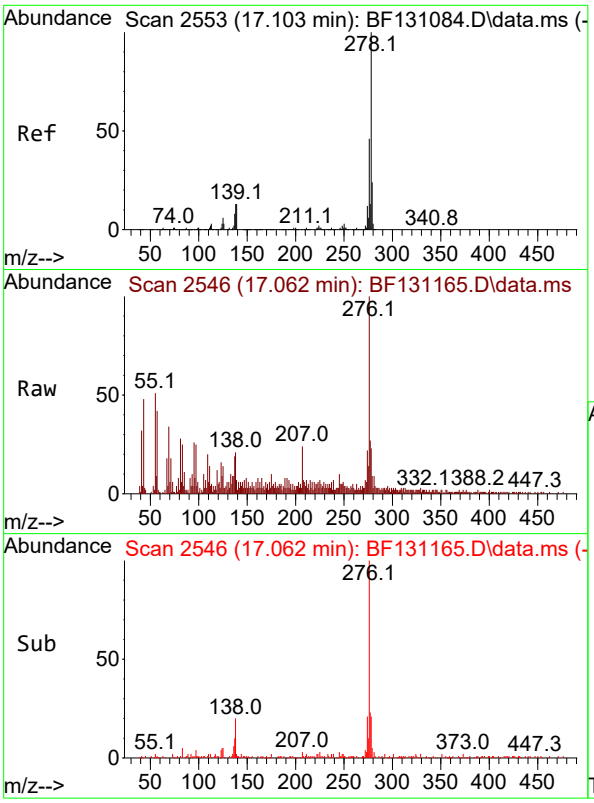


#90
Benzo(a)pyrene
Concen: 8.992 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:252 Resp: 49046

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	15.4	8.1	12.1#



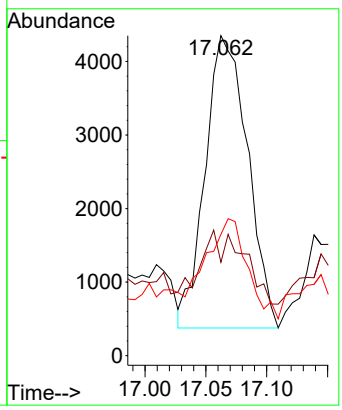


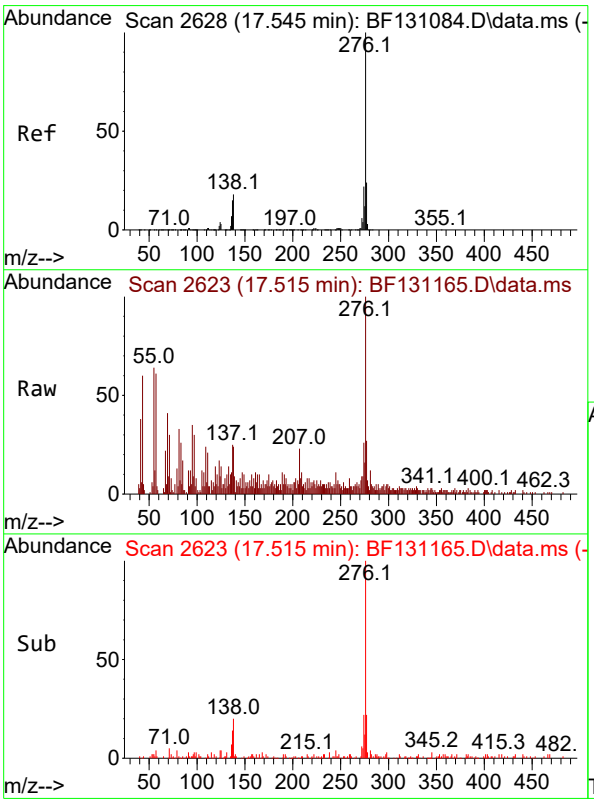
#91
Dibenzo(a,h)anthracene
Concen: 5.226 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Instrument :
BNA_F
ClientSampleId :
RM-2

Tgt Ion:278 Resp: 9619

Ion	Ratio	Lower	Upper
278	100		
139	29.2	10.8	16.2#
279	37.9	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 8.196 ng
RT: 17.515 min Scan# 2623
Delta R.T. -0.000 min
Lab File: BF131165.D
Acq: 11 Nov 2022 21:31

Tgt Ion:276 Resp: 28511

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	23.9	14.6	21.8#