Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131891.D
Acq On : 29 Dec 2022 22:02
Operator : CG\JU
Sample : N6224-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Quant Time: Dec 30 02:13:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	57258	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	181748	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	88625	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	153575	20.000	ng		0.00
76) Chrysene-d12	14.021	240	107236	20.000	ng		0.00
86) Perylene-d12	15.504	264	83050	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	376796	109.056	ng		0.01
7) Phenol-d6	6.457	99	468089	103.119	ng		0.00
23) Nitrobenzene-d5	7.386	82	315085	69.217	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	94819	98.471	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	471492	72.871	ng		0.00
79) Terphenyl-d14	12.957	244	478879	75.537	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	44832	13.984	ng	#	82
25) Isophorone	7.386	82	313056	42.111	ng	#	70
49) Acenaphthylene	9.733	152	26631	3.186	ng		97
58) Fluorene	10.422	166	13403	2.112	ng	#	99
67) 4-Bromophenyl-phenylether	10.663	248	6835	3.840	ng	#	1
71) Phenanthrene	11.386	178	152436	18.050	ng		99
72) Anthracene	11.439	178	39655	4.800	ng		97
73) Carbazole	11.598	167	21816	2.991	ng		97
75) Fluoranthene	12.586	202	367932	37.403	ng		100
78) Pyrene	12.816	202	337140	37.509	ng		99
81) Benzo(a)anthracene	14.010	228	160439	20.664	ng		94
83) Chrysene	14.045	228	152353	20.882	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	72185	13.681	ng		98
88) Benzo(b)fluoranthene	15.068	252	236186	38.785	ng	#	97
89) Benzo(k)fluoranthene	15.068	252	236186	40.142	ng	#	97
90) Benzo(a)pyrene	15.439	252	116660	24.744	ng	#	92
91) Dibenzo(a,h)anthracene	16.998	278	17396	4.025	ng	#	68
92) Benzo(g,h,i)perylene	17.445	276	69737	17.398	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
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Operator : CG\JU
Sample : N6224-01
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OK-3-122822

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
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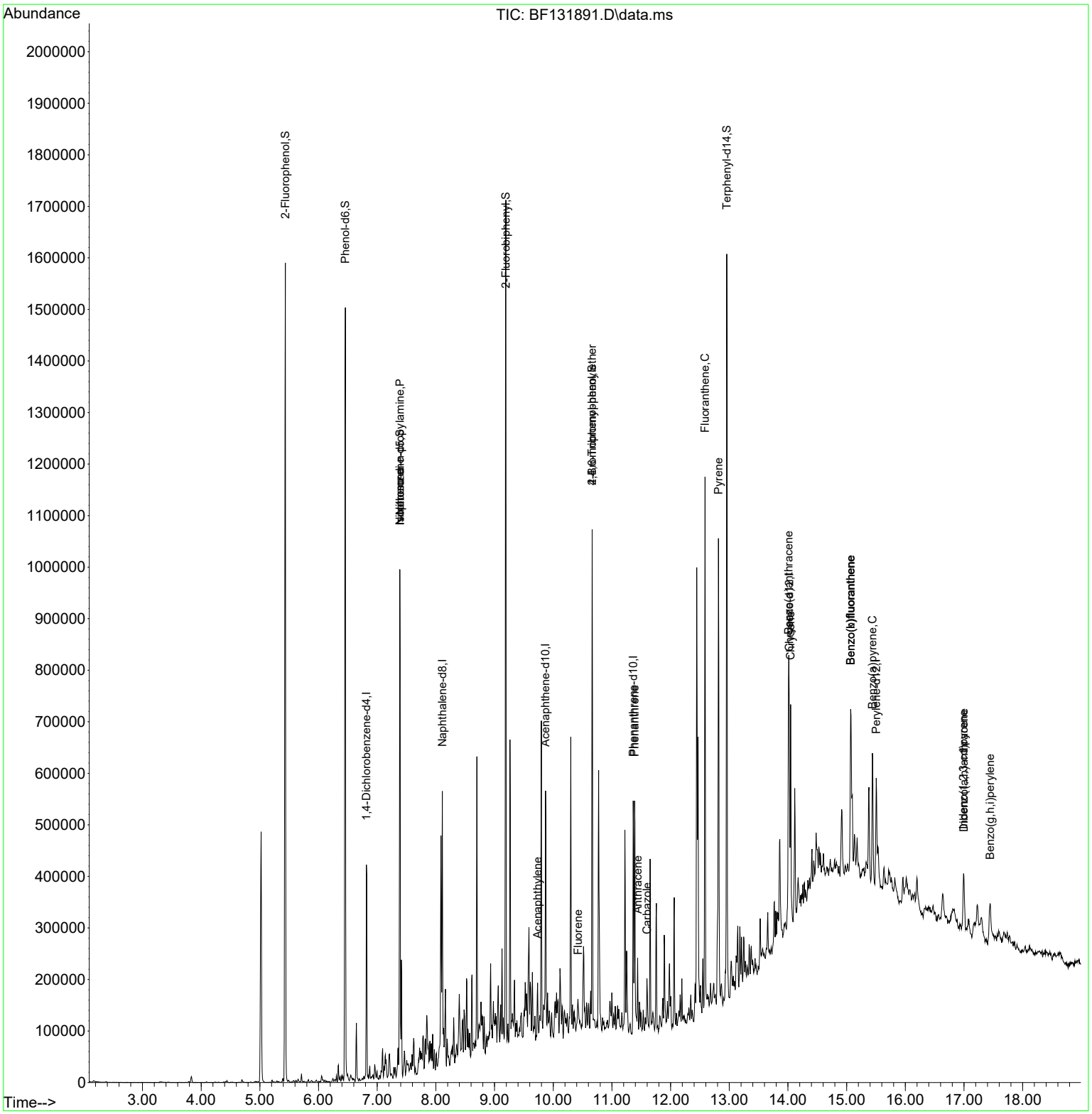
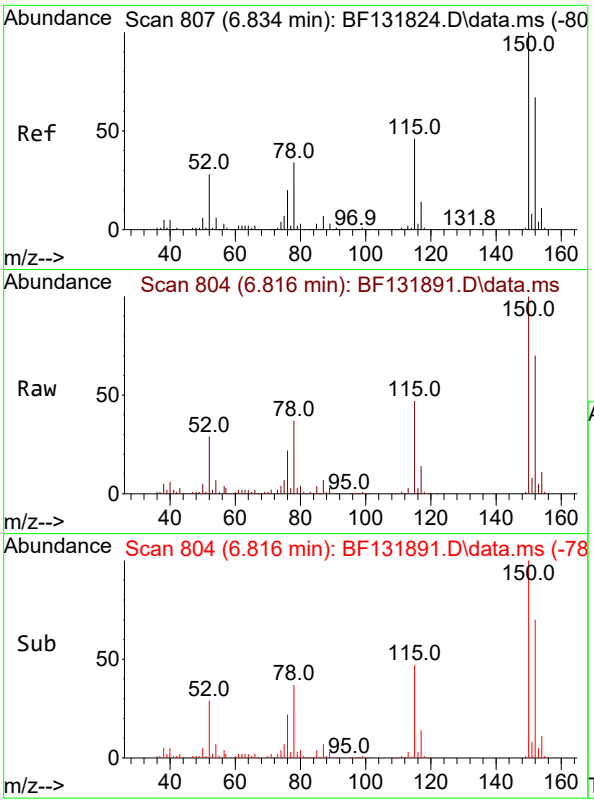


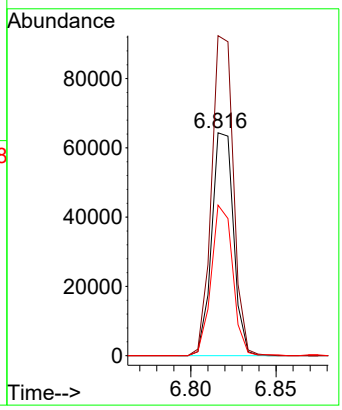


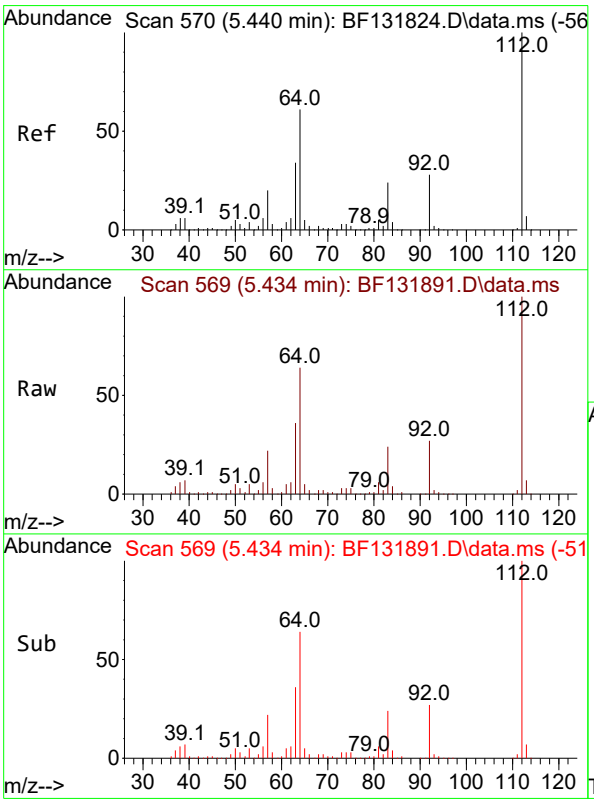
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:152 Resp: 57258

Ion	Ratio	Lower	Upper
152	100		
150	143.5	120.0	180.0
115	67.5	55.1	82.7

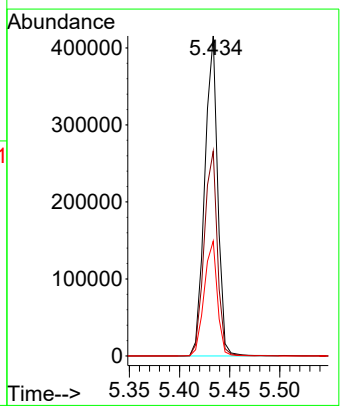


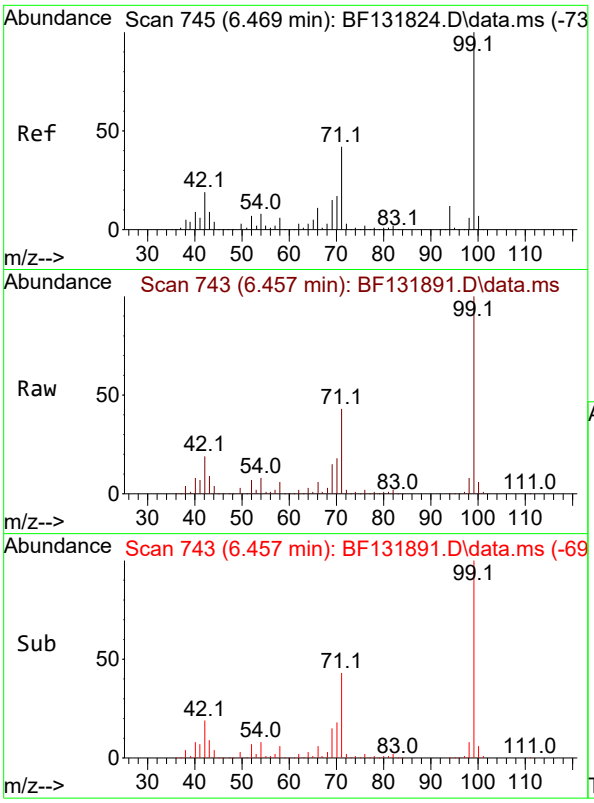


#5
2-Fluorophenol
Concen: 109.056 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:112 Resp: 376796

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.2	73.8
63	35.9	27.5	41.3



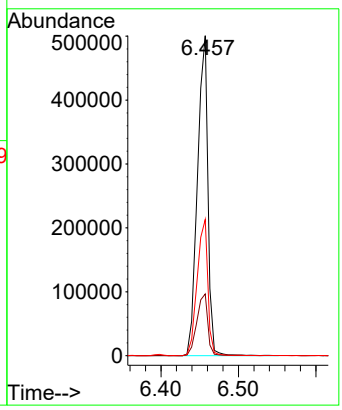


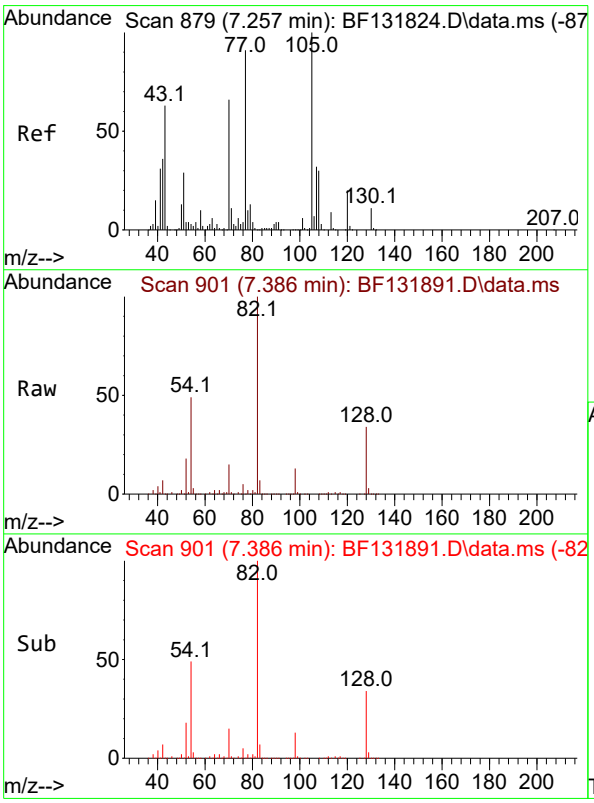
#7
Phenol-d6
Concen: 103.119 ng
RT: 6.457 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion: 99 Resp: 468089

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.3	22.9
71	42.6	33.5	50.3

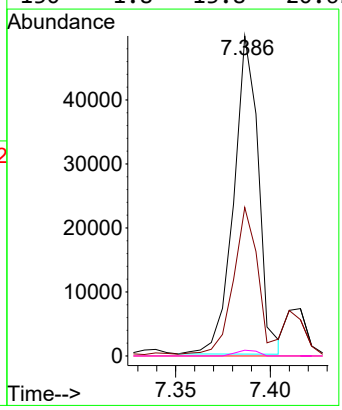


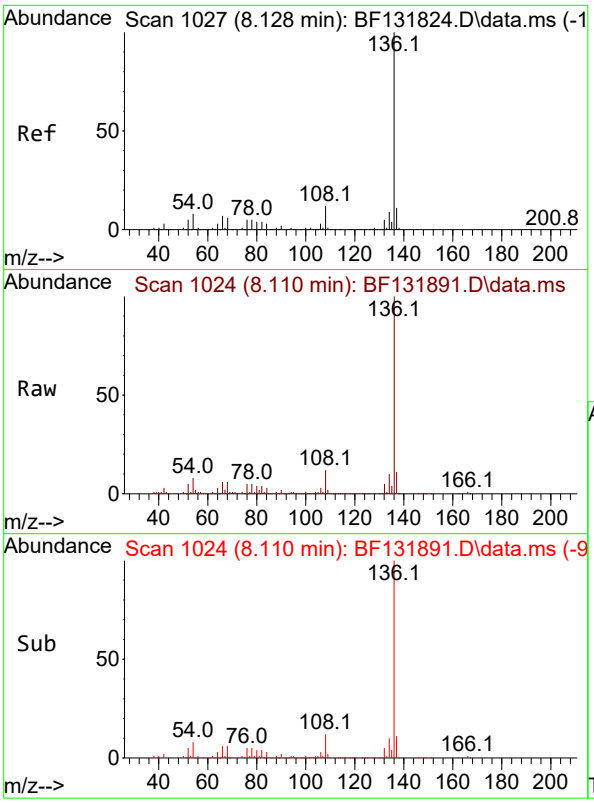


#19
n-Nitroso-di-n-propylamine
Concen: 13.984 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion: 70 Resp: 44832

Ion	Ratio	Lower	Upper
70	100		
42	46.4	43.8	65.6
101	0.0	7.4	11.0#
130	1.8	13.8	20.6#



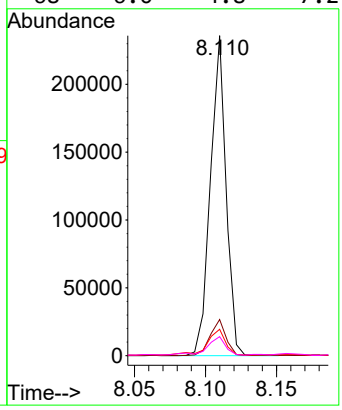


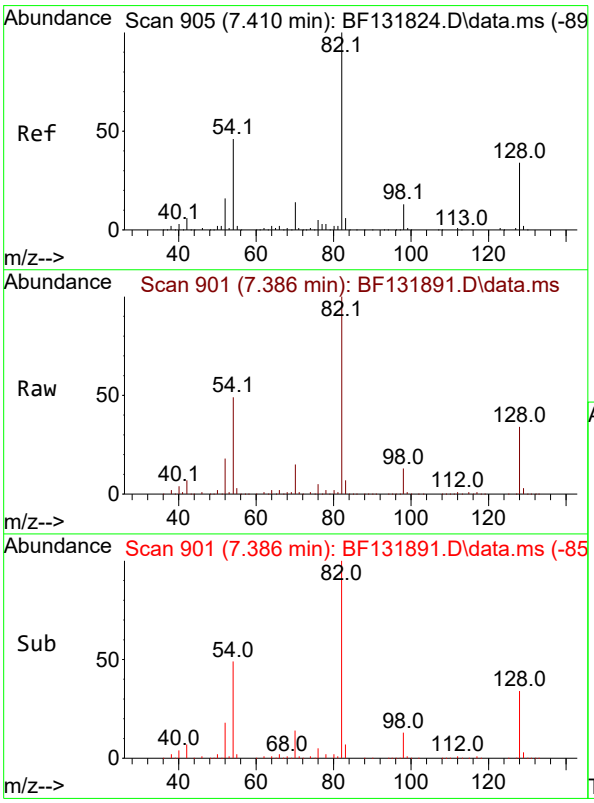
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:136 Resp: 181748

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.2	6.7	10.1
68	6.0	4.8	7.2

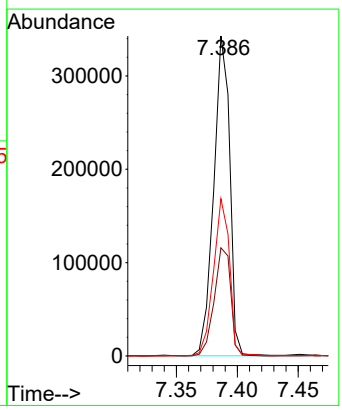


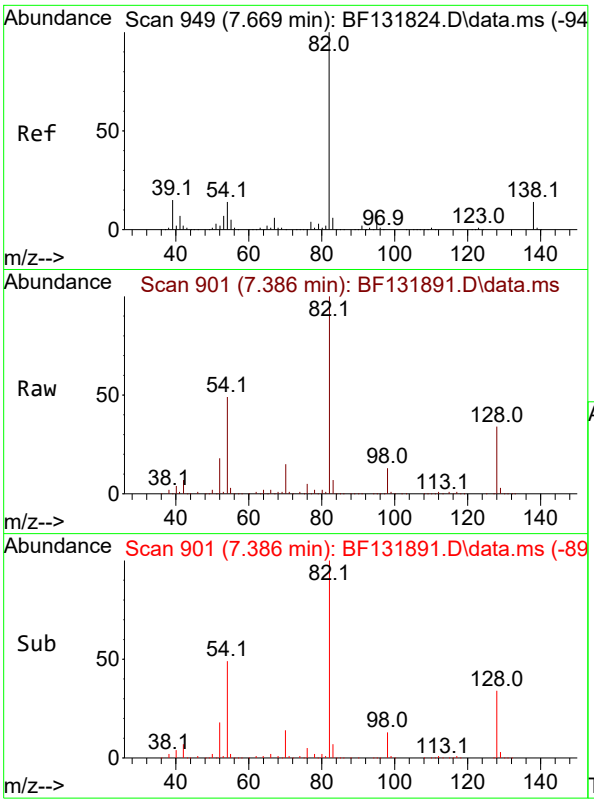


#23
Nitrobenzene-d5
Concen: 69.217 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion: 82 Resp: 315085

Ion	Ratio	Lower	Upper
82	100		
128	33.8	27.1	40.7
54	49.1	37.0	55.6



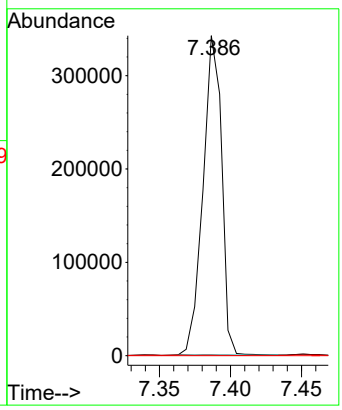


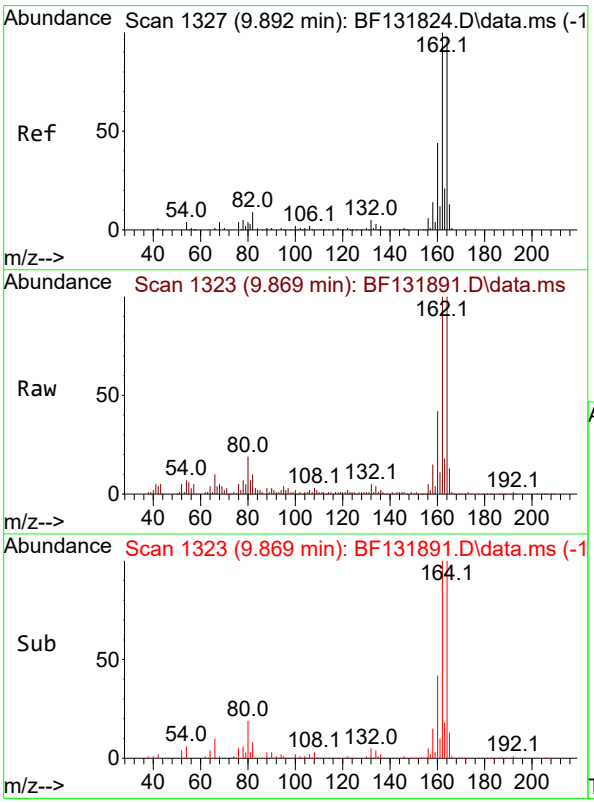
#25
Isophorone
Concen: 42.111 ng
RT: 7.386 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion: 82 Resp: 313056

Ion	Ratio	Lower	Upper
82	100		
95	0.2	6.2	9.4#
138	0.0	11.5	17.3#

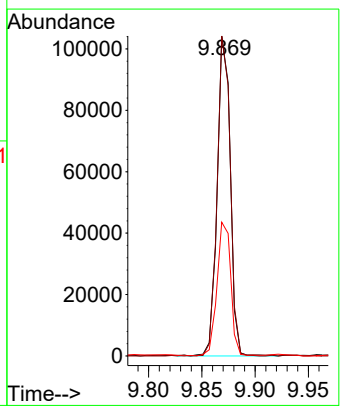


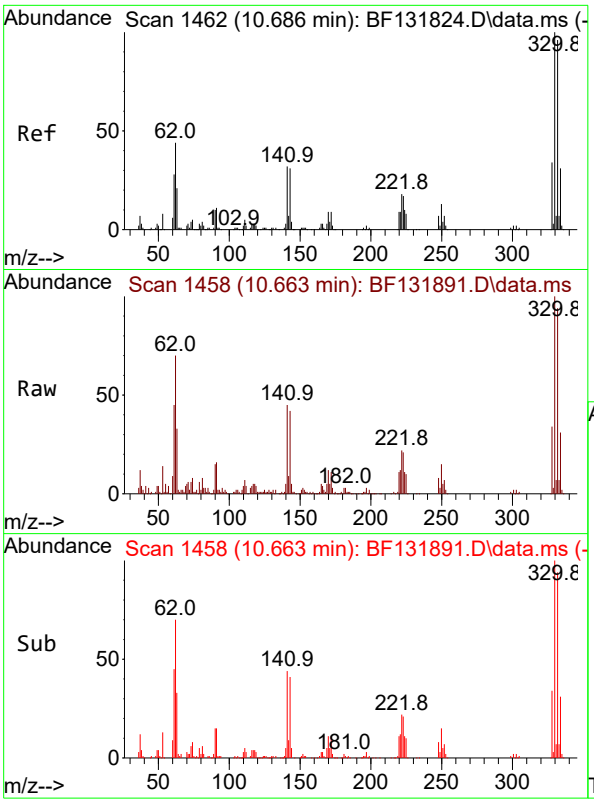


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:164 Resp: 88625

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	41.8	35.7	53.5



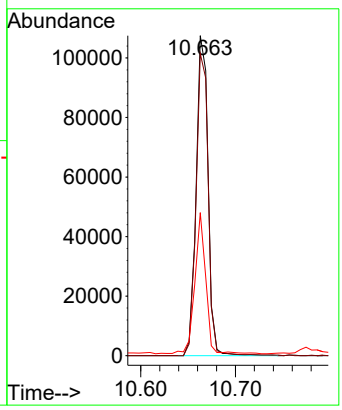


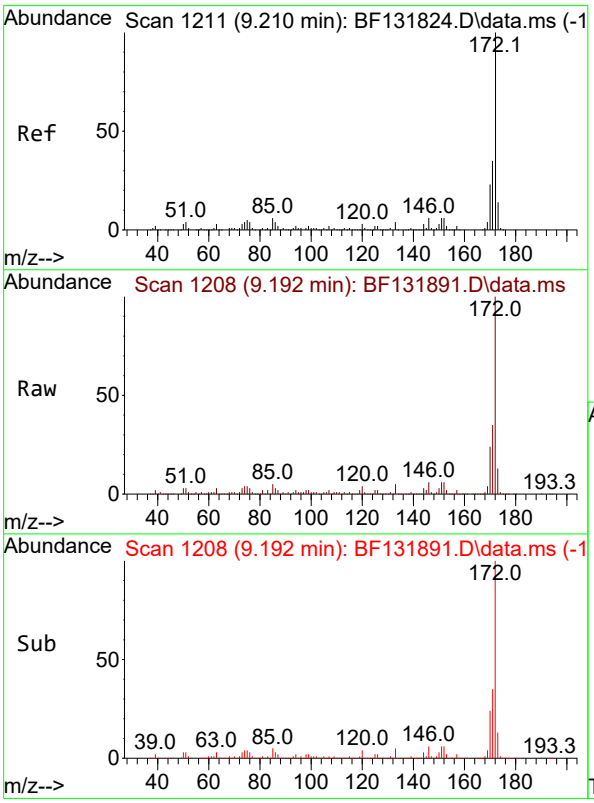
#42
2,4,6-Tribromophenol
Concen: 98.471 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:330 Resp: 94819

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	38.9	31.0	46.4

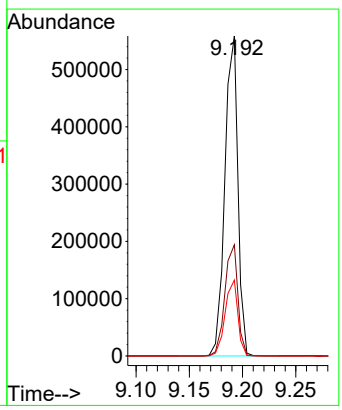


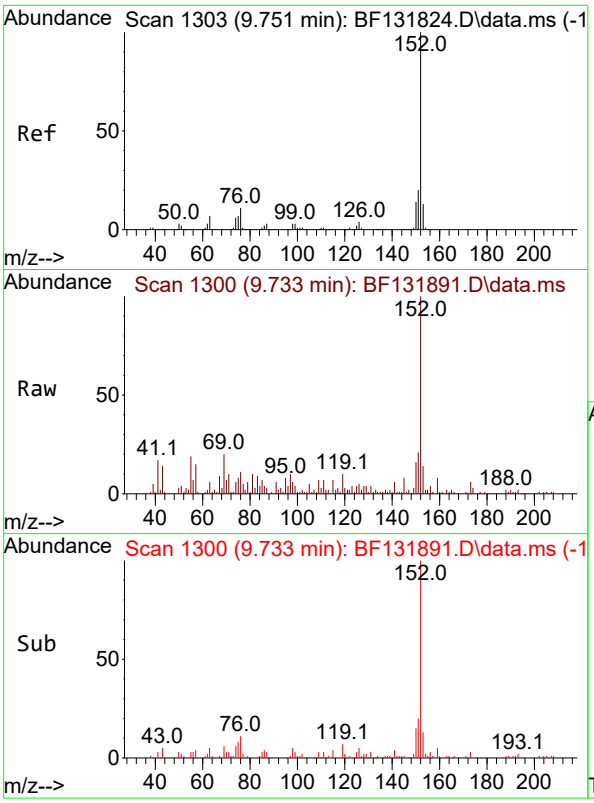


#45
2-Fluorobiphenyl
Concen: 72.871 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:172 Resp: 471492

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.7	18.7	28.1



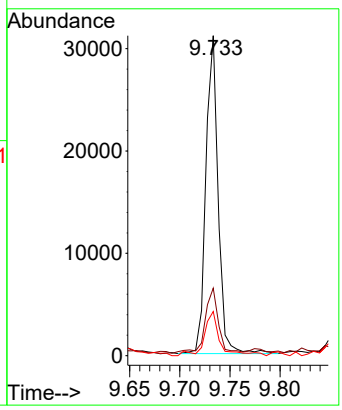


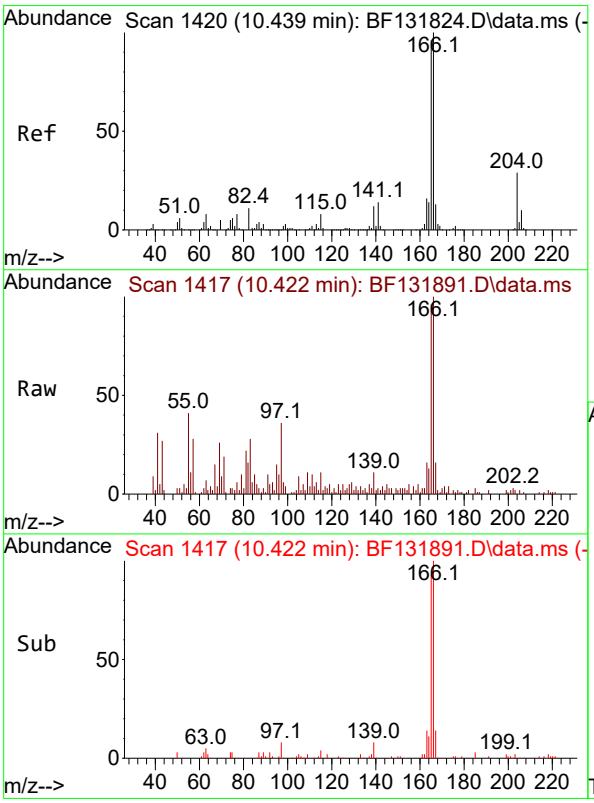
#49
Acenaphthylene
Concen: 3.186 ng
RT: 9.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:152 Resp: 26631

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.6
153	13.8	10.2	15.4

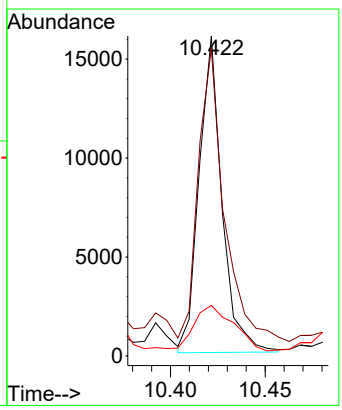


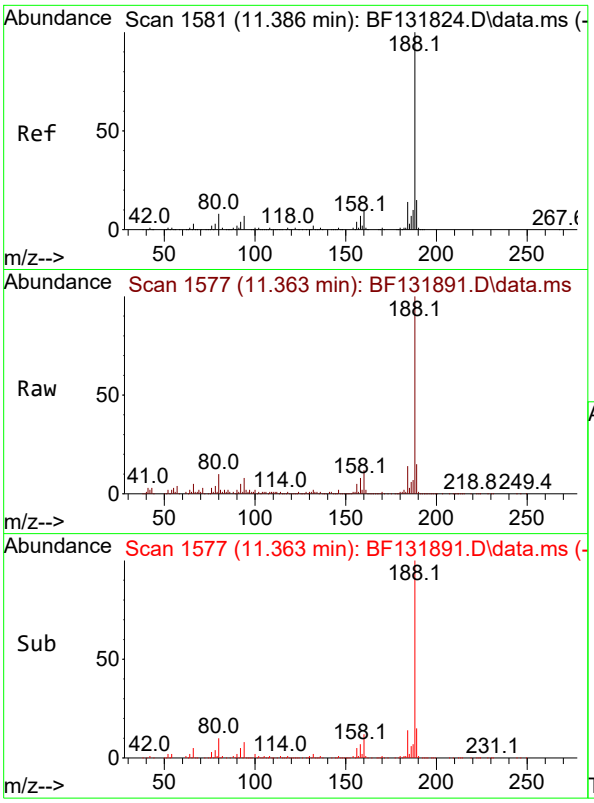


#58
Fluorene
Concen: 2.112 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:166 Resp: 13403

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.4
167	15.8	10.4	15.6#



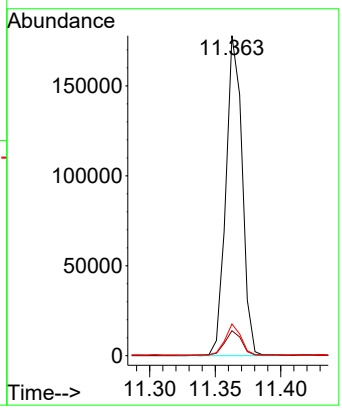


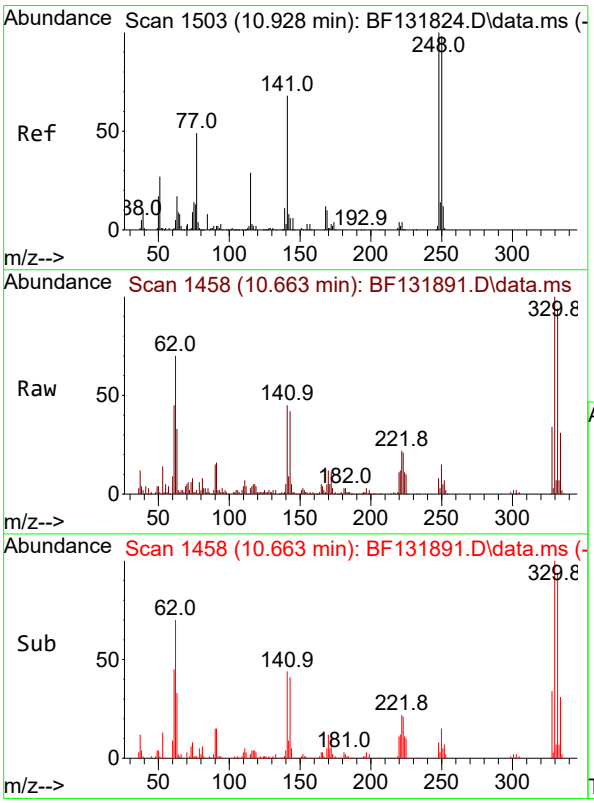
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:188 Resp: 153575

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.9	6.7	10.1

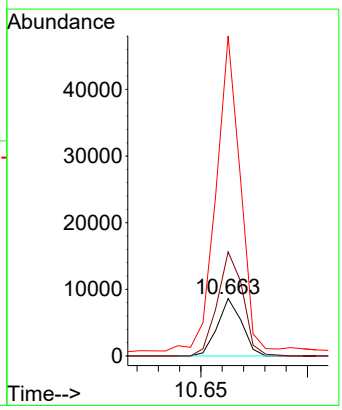


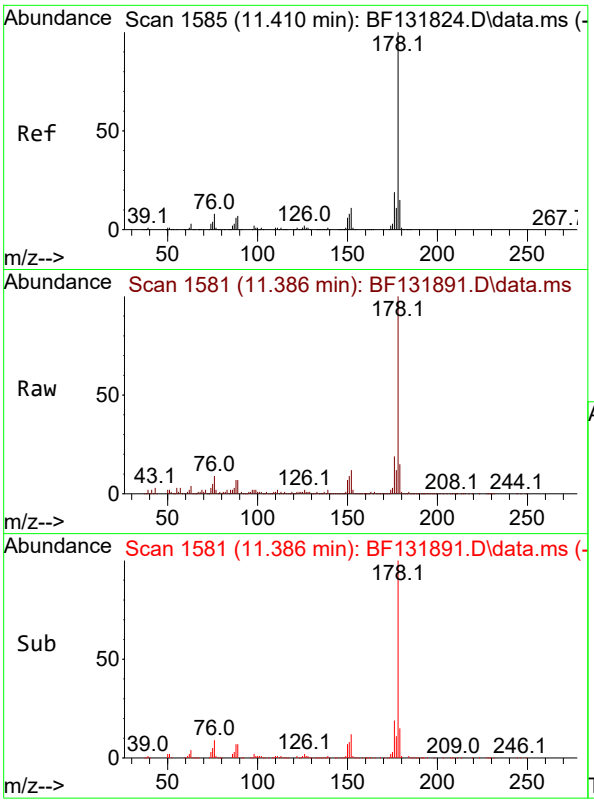


#67
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:248 Resp: 6835

Ion	Ratio	Lower	Upper
248	100		
250	181.4	78.0	117.0#
141	557.0	54.8	82.2#



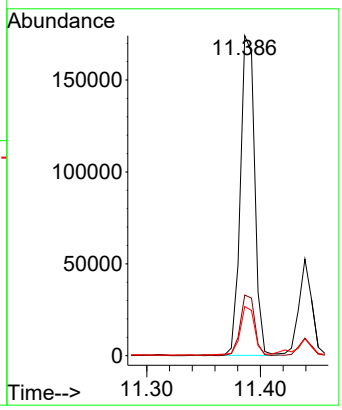


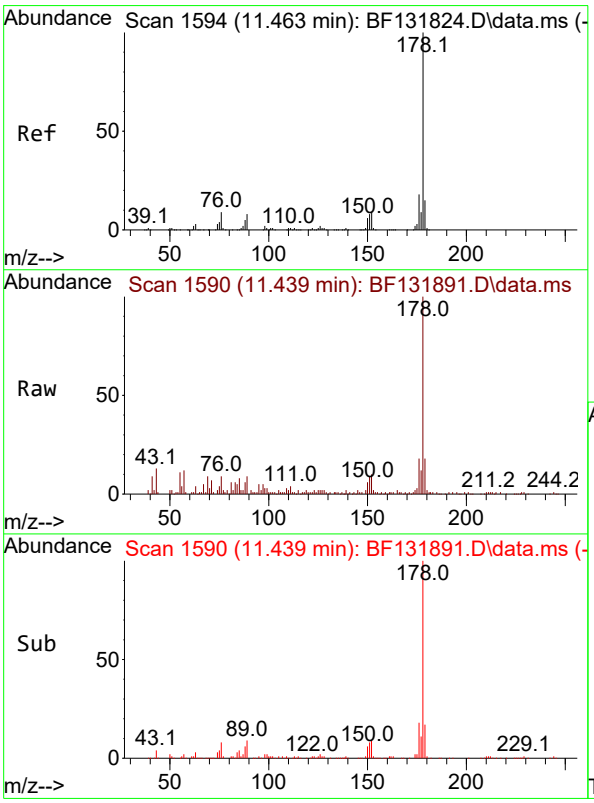
#71
Phenanthrene
Concen: 18.050 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:178 Resp: 152436

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.2	18.4

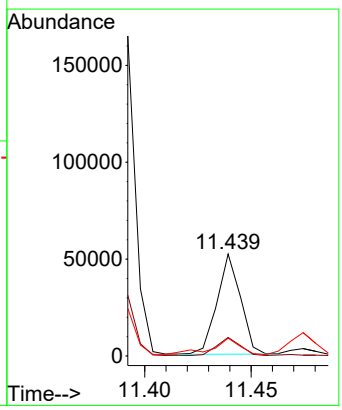


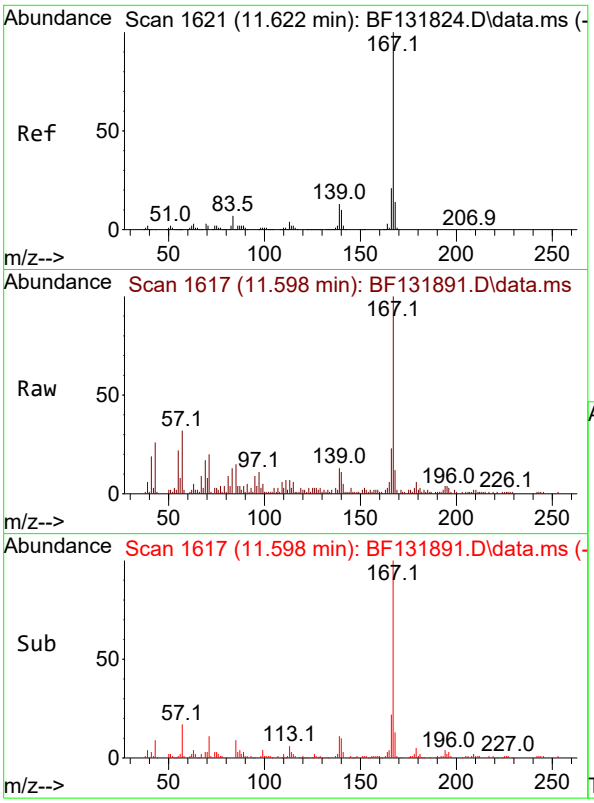


#72
Anthracene
Concen: 4.800 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:178 Resp: 39655

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	17.5	12.2	18.2



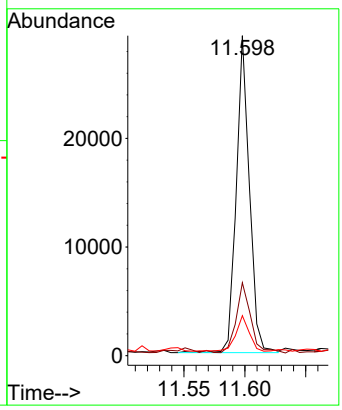


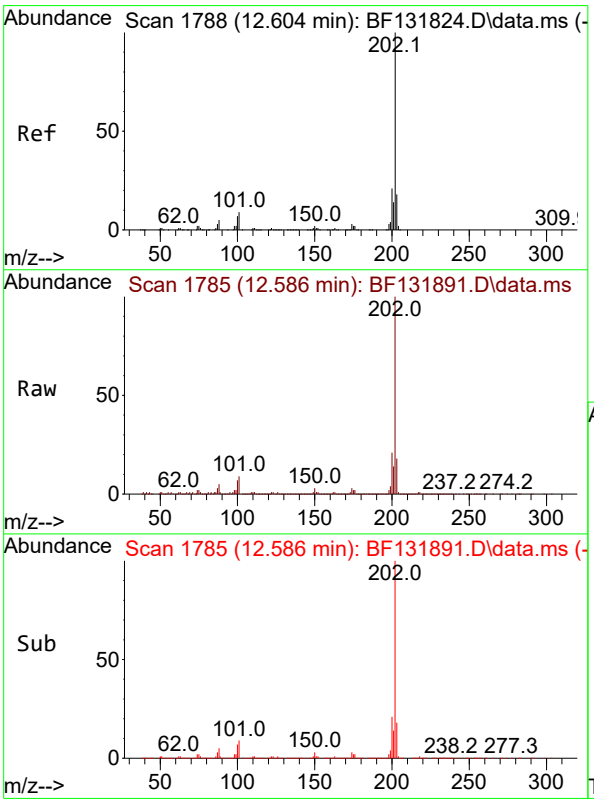
#73
Carbazole
Concen: 2.991 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:167 Resp: 21816

Ion	Ratio	Lower	Upper
167	100		
166	22.8	16.6	24.8
139	12.5	10.6	15.8

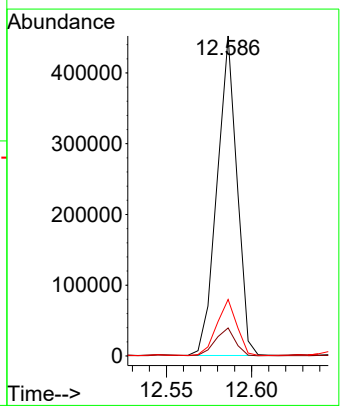


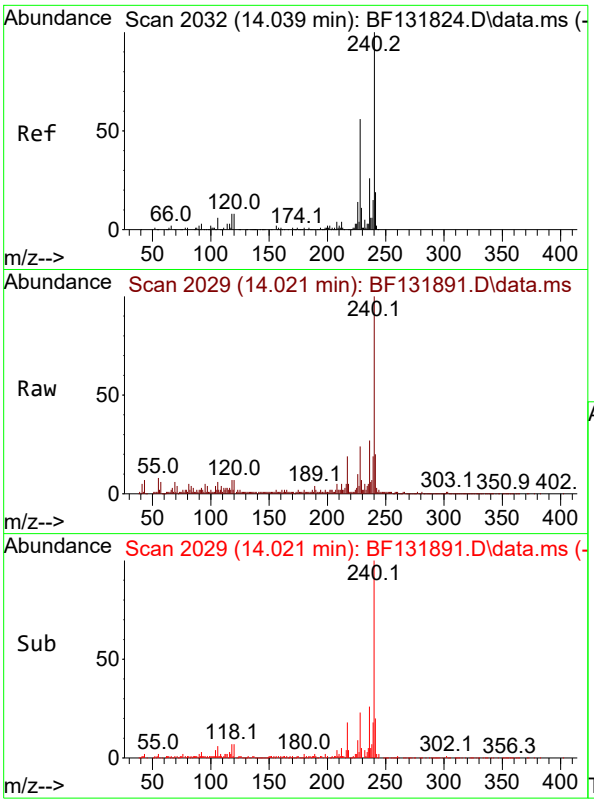


#75
Fluoranthene
Concen: 37.403 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:202 Resp: 367932

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.6
203	17.7	0.0	37.8



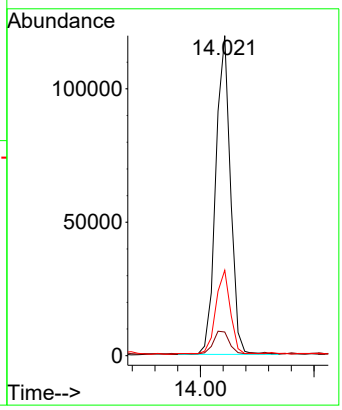


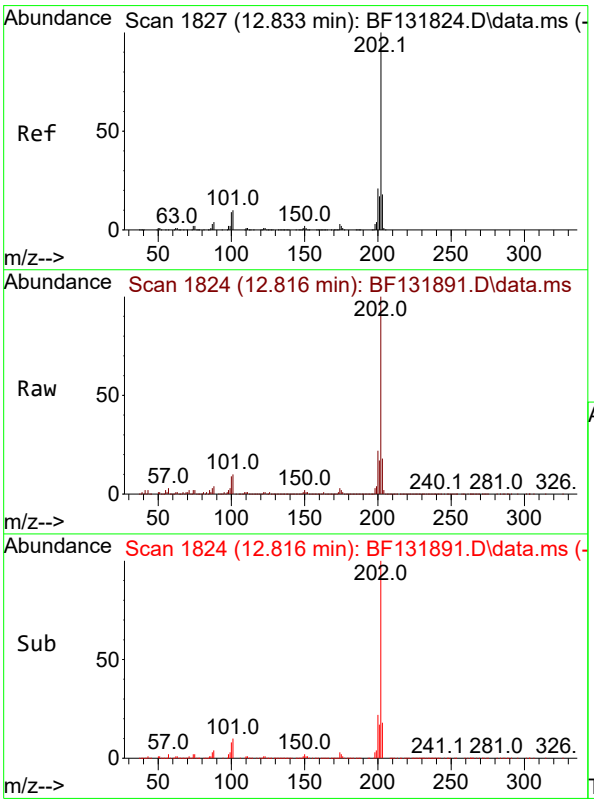
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:240 Resp: 107236

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.7	10.1
236	26.7	20.6	31.0

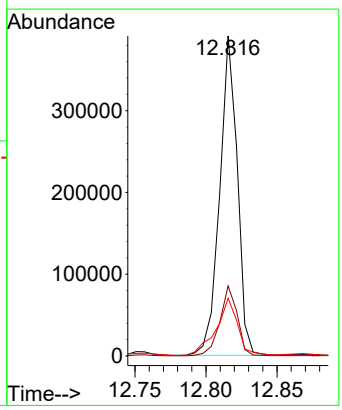


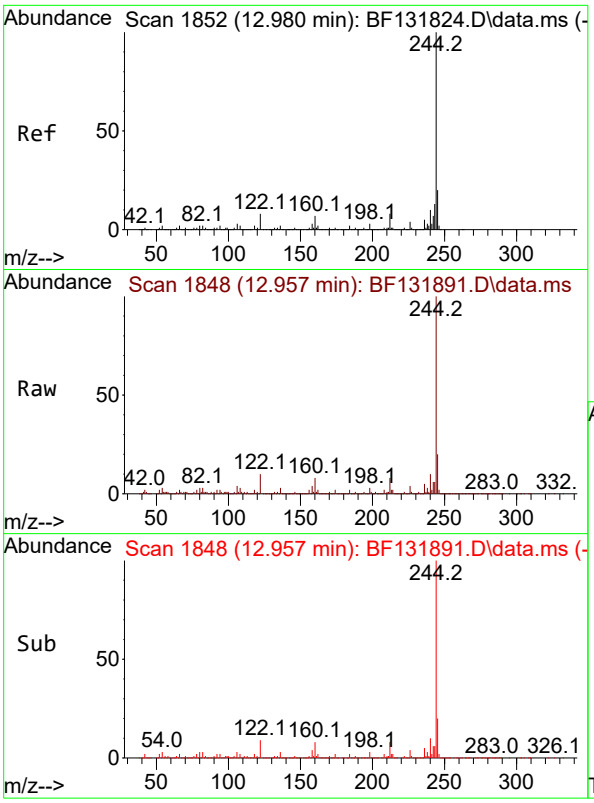


#78
Pyrene
Concen: 37.509 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:202 Resp: 337140

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.0	14.4	21.6



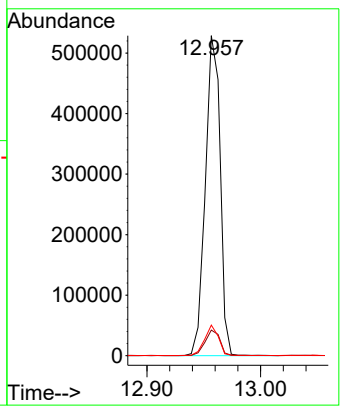


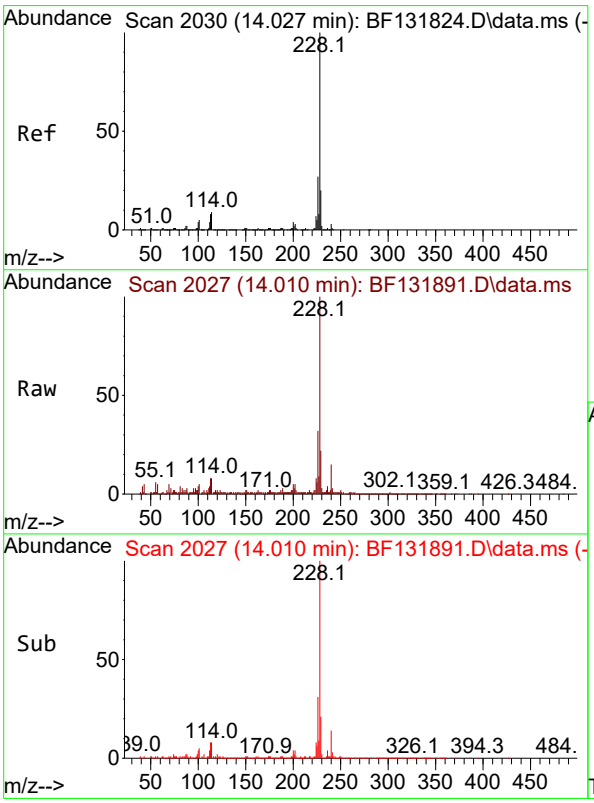
#79
Terphenyl-d14
Concen: 75.537 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:244 Resp: 478879

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	9.6	6.4	9.6

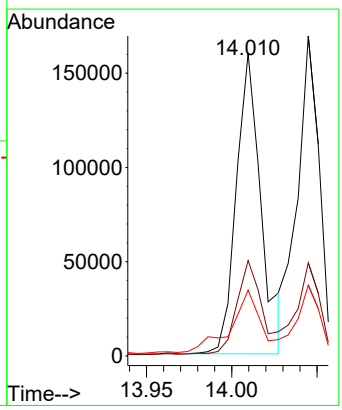


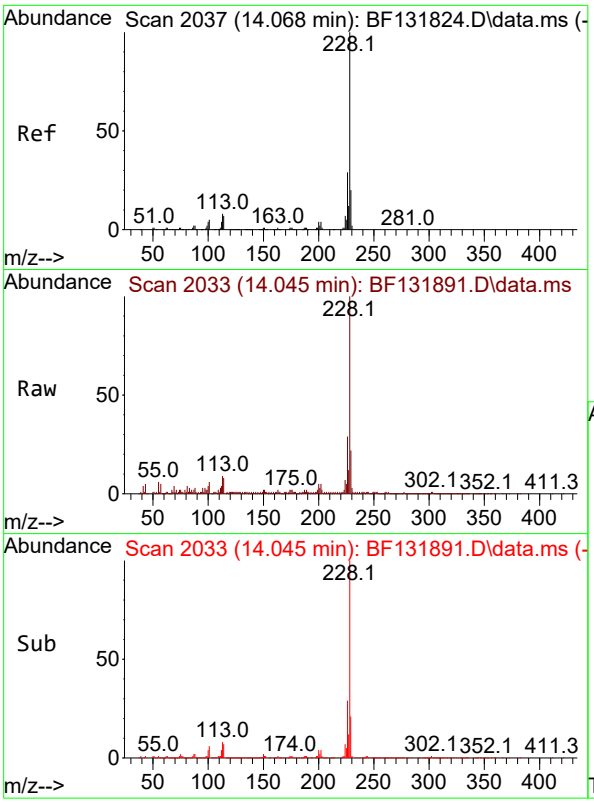


#81
Benzo(a)anthracene
Concen: 20.664 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:228 Resp: 160439

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.0	33.0
229	21.7	16.0	24.0



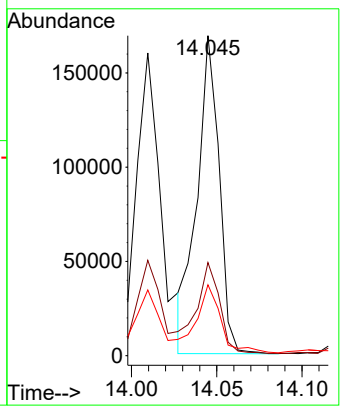


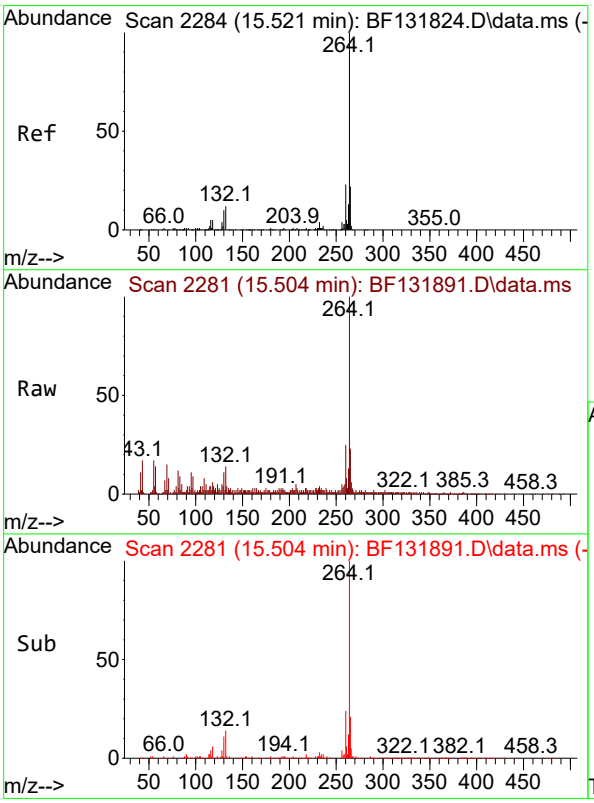
#83
Chrysene
Concen: 20.882 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:228 Resp: 152353

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	22.2	16.2	24.2

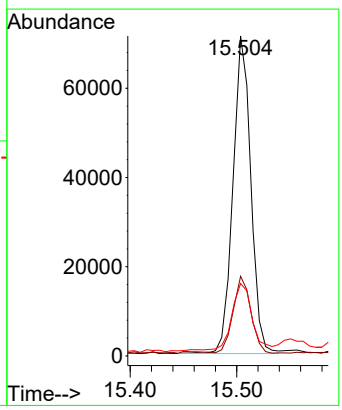


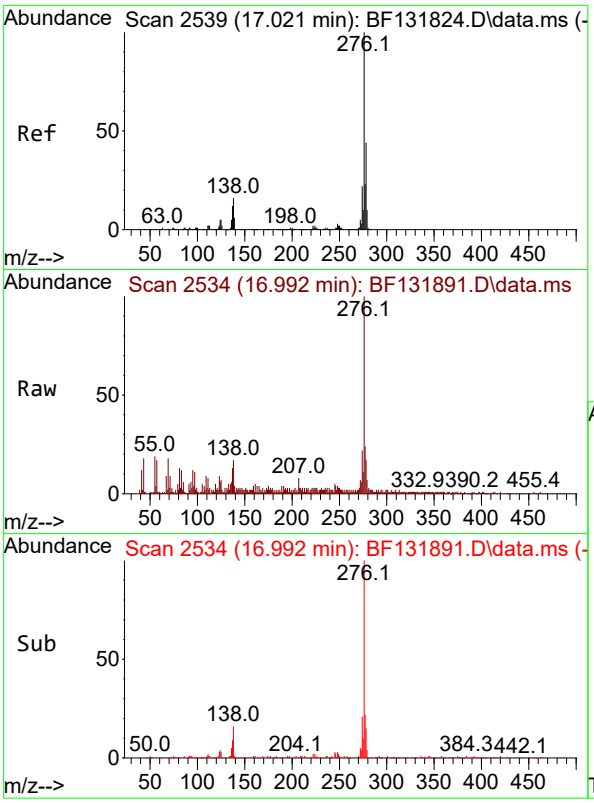


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:264 Resp: 83050

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	28.0
265	22.7	17.4	26.0



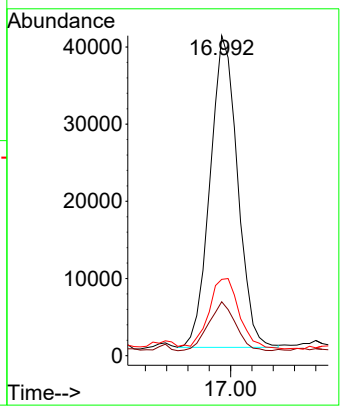


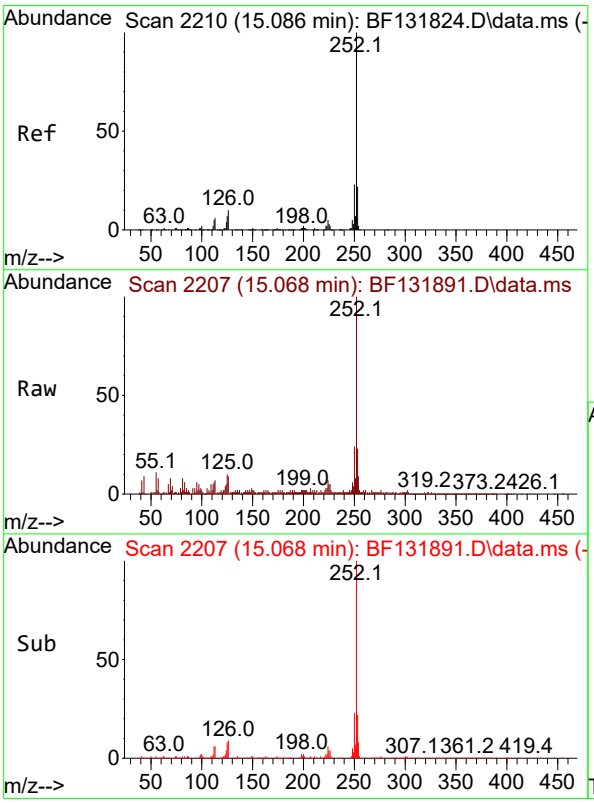
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.681 ng
RT: 16.992 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:276 Resp: 72185

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.5	21.7
277	24.5	19.7	29.5

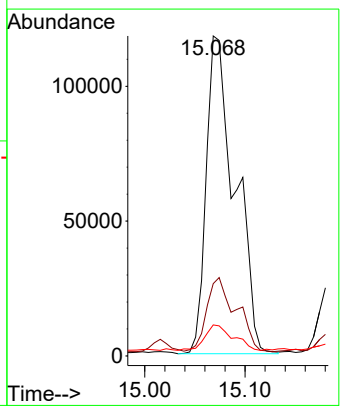


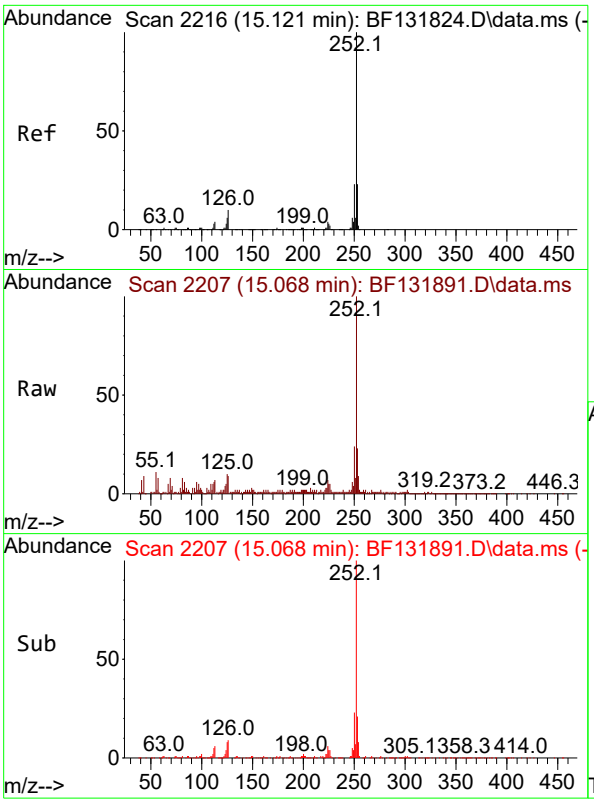


#88
Benzo(b)fluoranthene
Concen: 38.785 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:252 Resp: 236186

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.7	5.8	8.8#



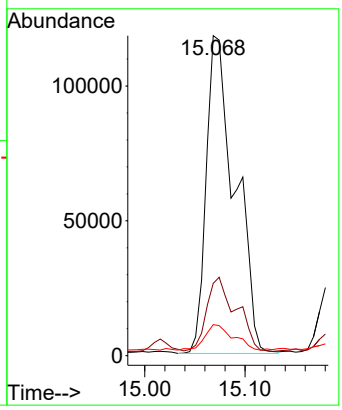


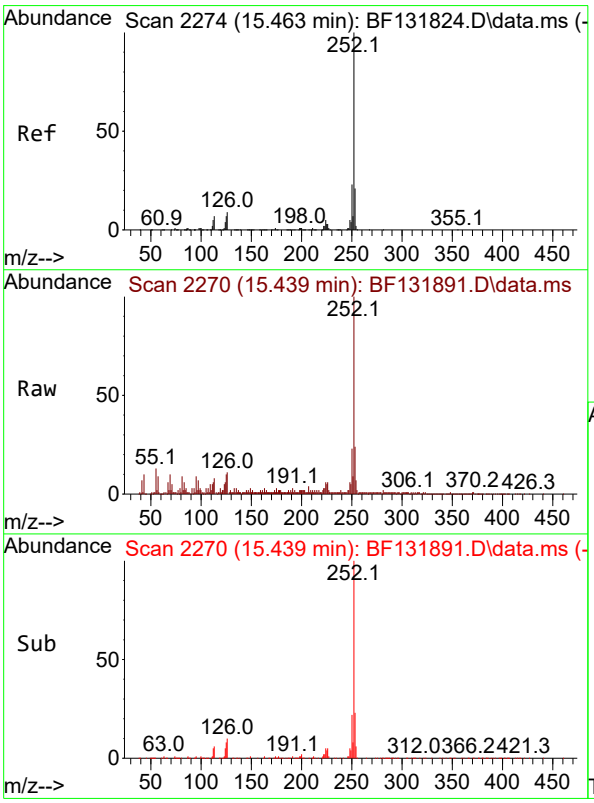
#89
Benzo(k)fluoranthene
Concen: 40.142 ng
RT: 15.068 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:252 Resp: 236186

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.7	5.4	8.0#

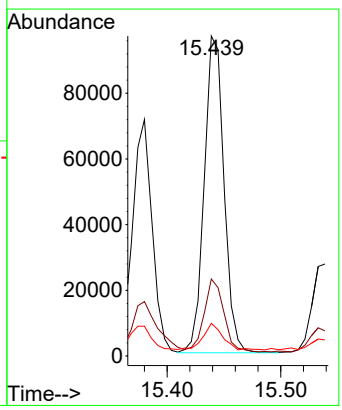


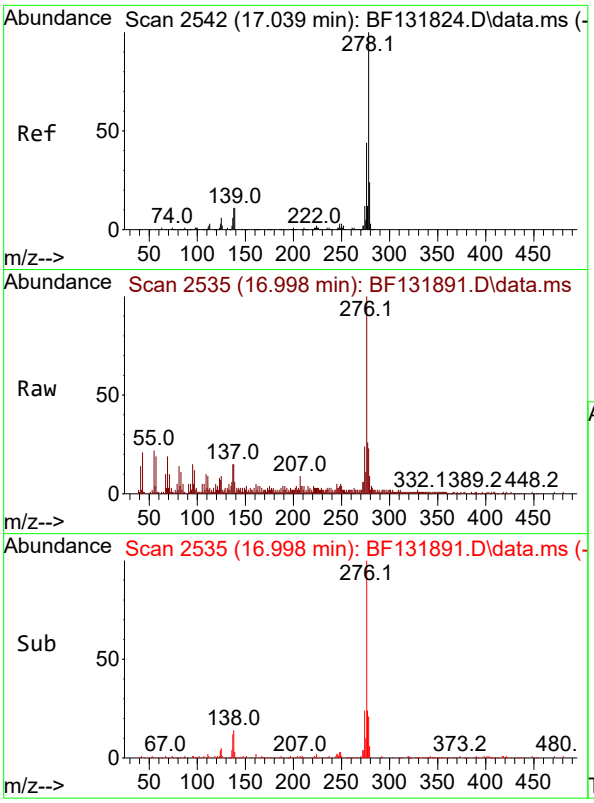


#90
Benzo(a)pyrene
Concen: 24.744 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:252 Resp: 116660

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.6	24.8
125	10.2	5.8	8.8#



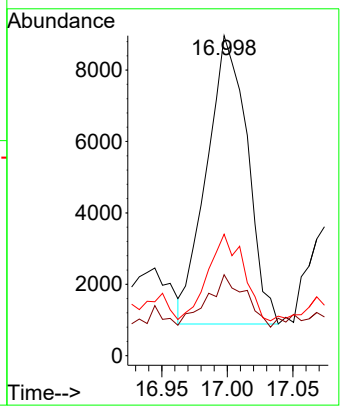


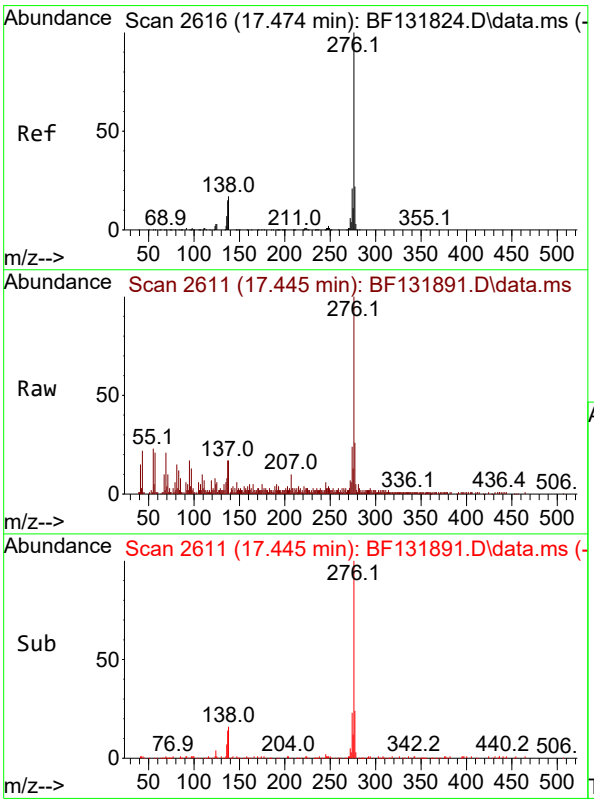
#91
Dibenzo(a,h)anthracene
Concen: 4.025 ng
RT: 16.998 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Instrument :
BNA_F
ClientSampleId :
OK-3-122822

Tgt Ion:278 Resp: 17396

Ion	Ratio	Lower	Upper
278	100		
139	25.3	8.6	12.8#
279	37.9	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 17.398 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.017 min
Lab File: BF131891.D
Acq: 29 Dec 2022 22:02

Tgt Ion:276 Resp: 69737

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	17.2	13.7	20.5