Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137281.D
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 01:15:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	52219	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	189337	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	89822	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	151542	20.000	ng	# 0.01
76) Chrysene-d12	13.981	240	107772	20.000	ng	0.00
86) Perylene-d12	15.451	264	92130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	342921	108.360	ng	0.01
7) Phenol-d6	6.428	99	436643	96.683	ng	0.00
23) Nitrobenzene-d5	7.352	82	273901	64.768	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	98207	96.812	ng	0.00
45) 2-Fluorobiphenyl	9.146	172	429128	65.675	ng	0.00
79) Terphenyl-d14	12.928	244	453905	57.256	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.299	42	60	6.090	ng	# 1
19) n-Nitroso-di-n-propyla...	7.352	70	35597	11.496	ng	# 79
25) Isophorone	7.352	82	273899	35.089	ng	# 67
54) 2,4-Dinitrophenol	10.116	184	1505	13.784	ng	96
56) 4-Nitrophenol	9.940	139	1818	9.964	ng	# 1
58) Fluorene	10.375	166	12734	2.052	ng	# 61
65) 4,6-Dinitro-2-methylph...	10.445	198	663	6.187	ng	# 1
66) n-Nitrosodiphenylamine	10.493	169	41364	8.977	ng	# 40
71) Phenanthrene	11.351	178	104564	13.180	ng	# 92
72) Anthracene	11.404	178	27049	3.271	ng	# 71
75) Fluoranthene	12.551	202	143075	17.235	ng	92
77) Benzidine	12.657	184	4515	2.340	ng	# 1
78) Pyrene	12.781	202	87215	8.421	ng	# 88
81) Benzo(a)anthracene	13.969	228	16886	2.212	ng	# 91
83) Chrysene	14.004	228	18547	2.472	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.969	149	9187	2.980	ng	# 76
88) Benzo(b)fluoranthene	15.022	252	13920	2.457	ng	# 78
89) Benzo(k)fluoranthene	15.022	252	13920	2.322	ng	# 75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
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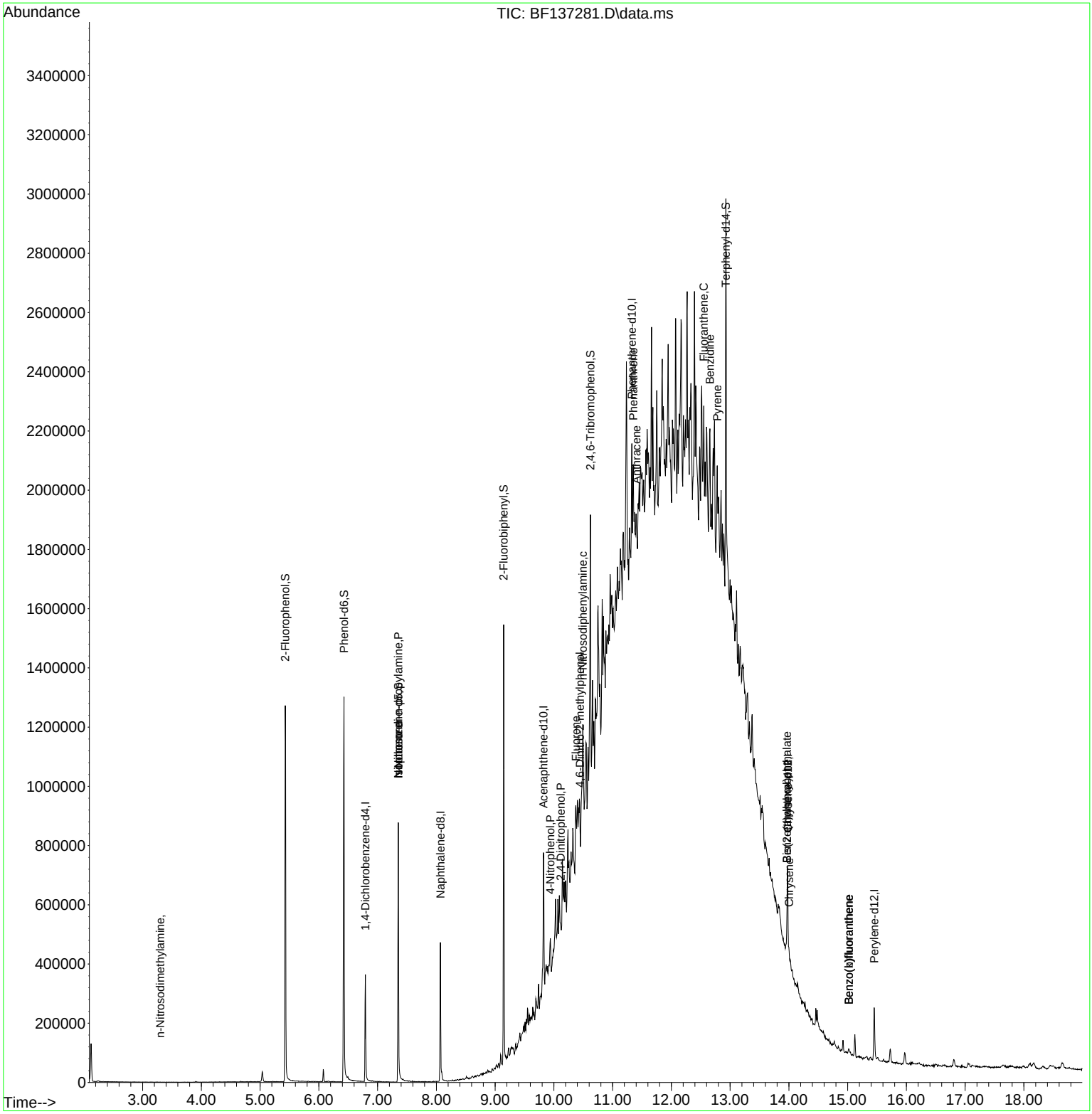
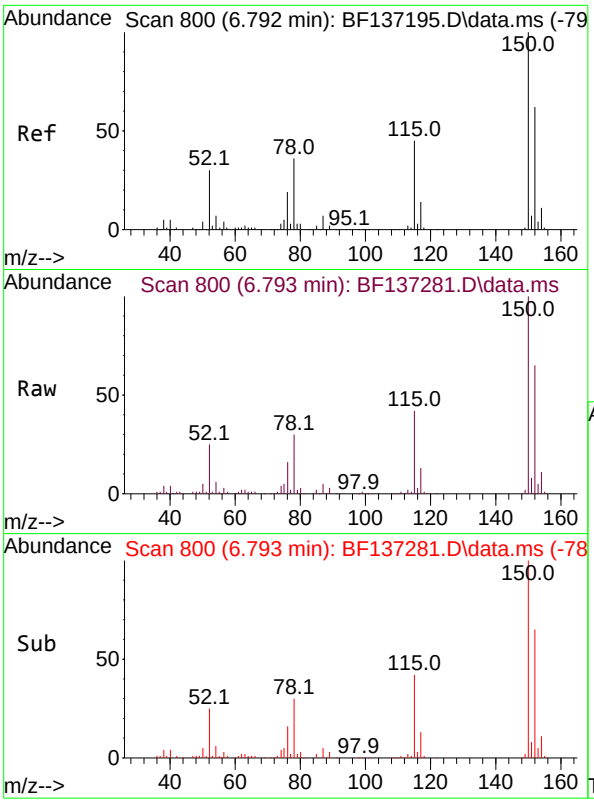
Acq On : 05 Feb 2024 17:51
Operator : CG\JU
Sample : P1358-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 01:15:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration



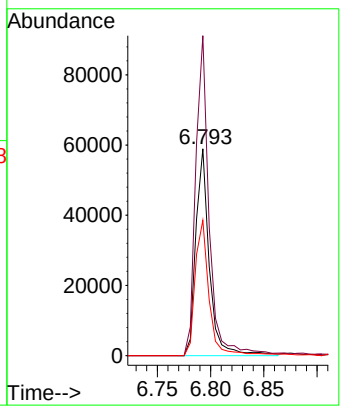


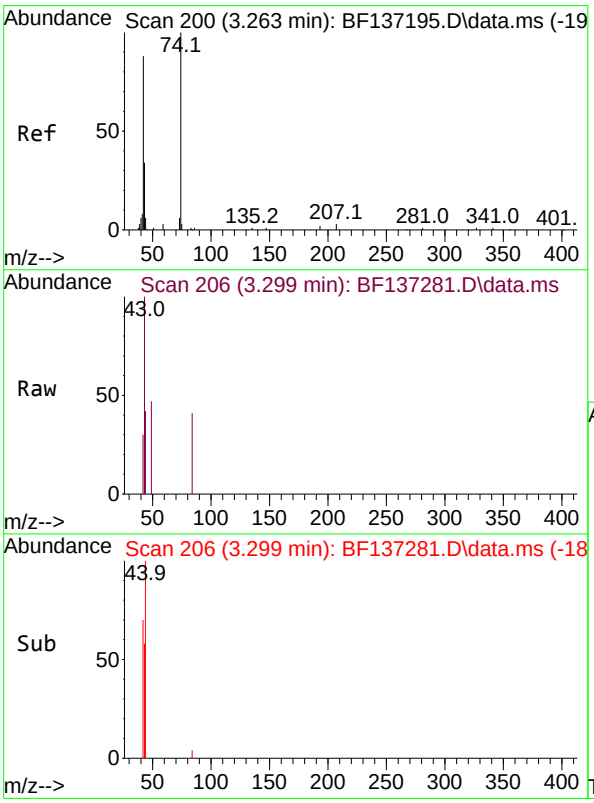
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52219

Ion	Ratio	Lower	Upper
152	100		
150	154.8	129.8	194.8
115	65.4	58.5	87.7

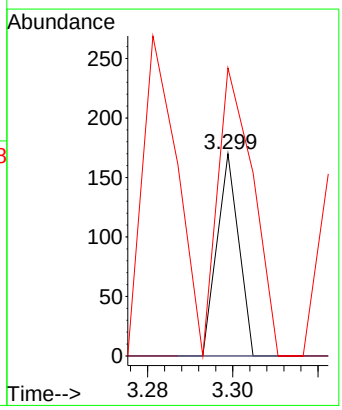


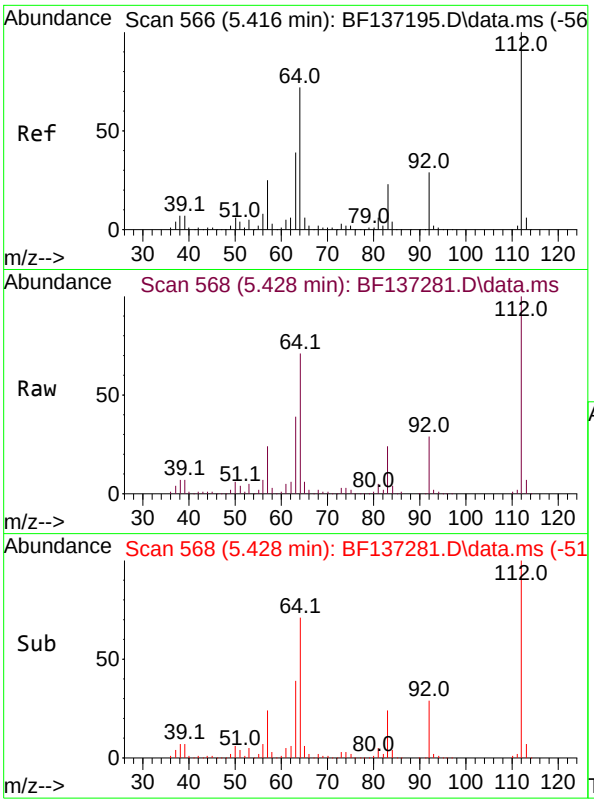


#4
n-Nitrosodimethylamine
Concen: 6.090 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.036 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion: 42 Resp: 60

Ion	Ratio	Lower	Upper
42	100		
74	0.0	90.5	135.7#
44	142.4	6.1	9.1#



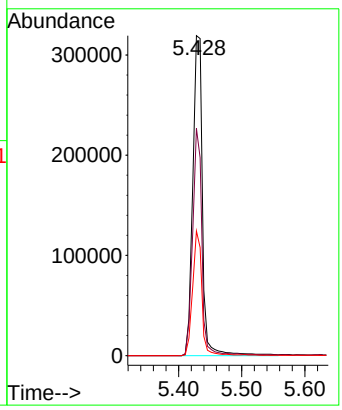


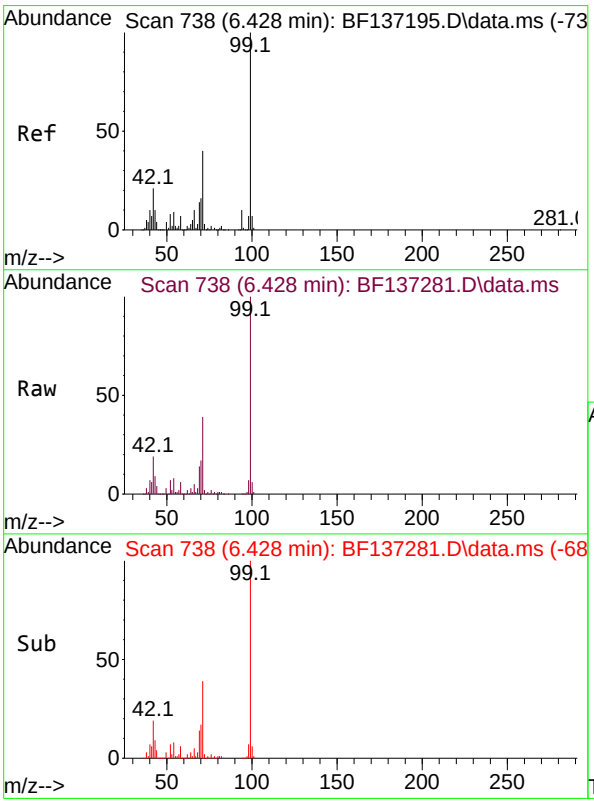
#5
2-Fluorophenol
Concen: 108.360 ng
RT: 5.428 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 342921

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.6
63	38.9	31.4	47.0

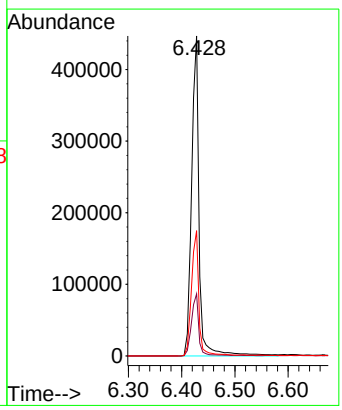


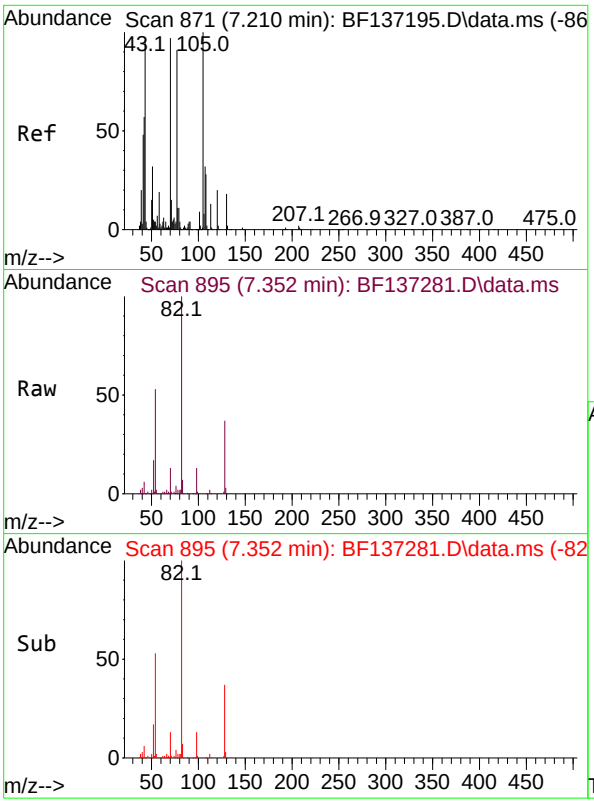


#7
Phenol-d6
Concen: 96.683 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion: 99 Resp: 436643

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.4	24.6
71	39.1	32.4	48.6



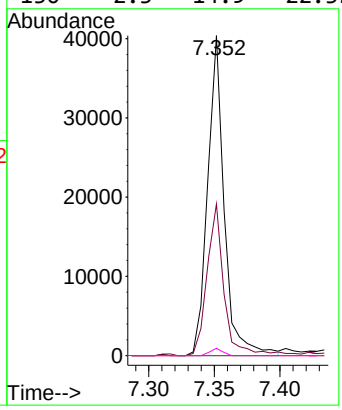


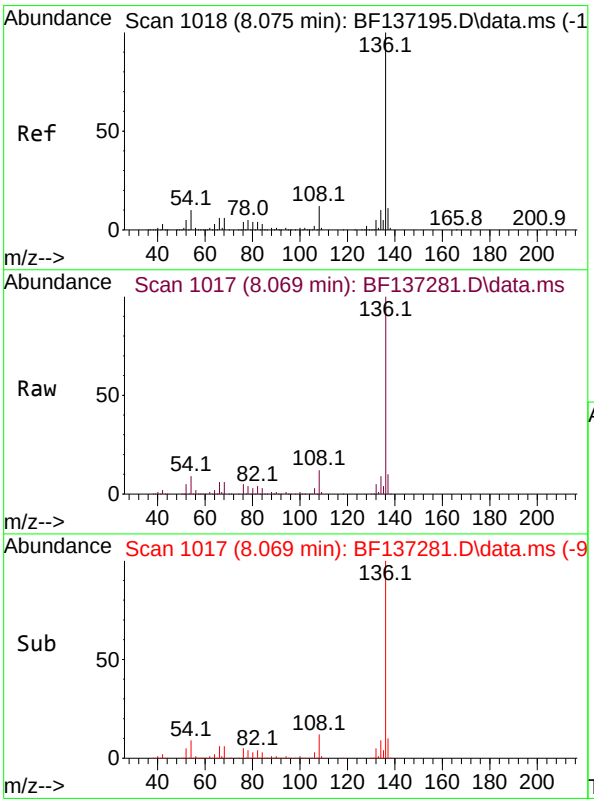
#19
n-Nitroso-di-n-propylamine
Concen: 11.496 ng
RT: 7.352 min Scan# 89
Delta R.T. 0.142 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 35597

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.4	11.0#
130	2.3	14.9	22.3#

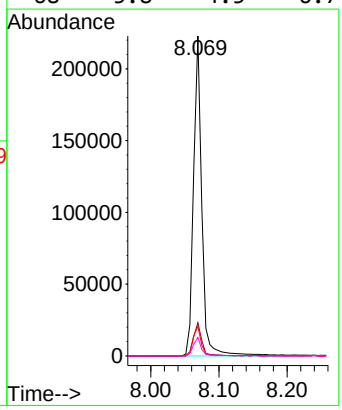


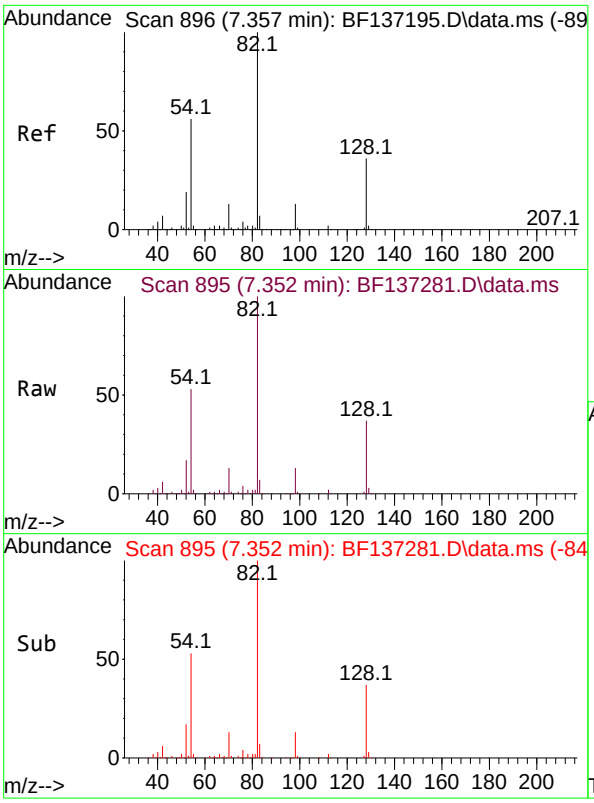


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:136 Resp: 189337

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.2	7.8	11.8
68	5.8	4.5	6.7



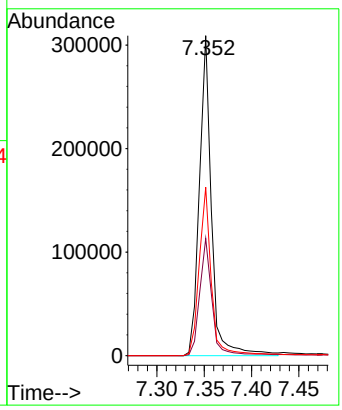


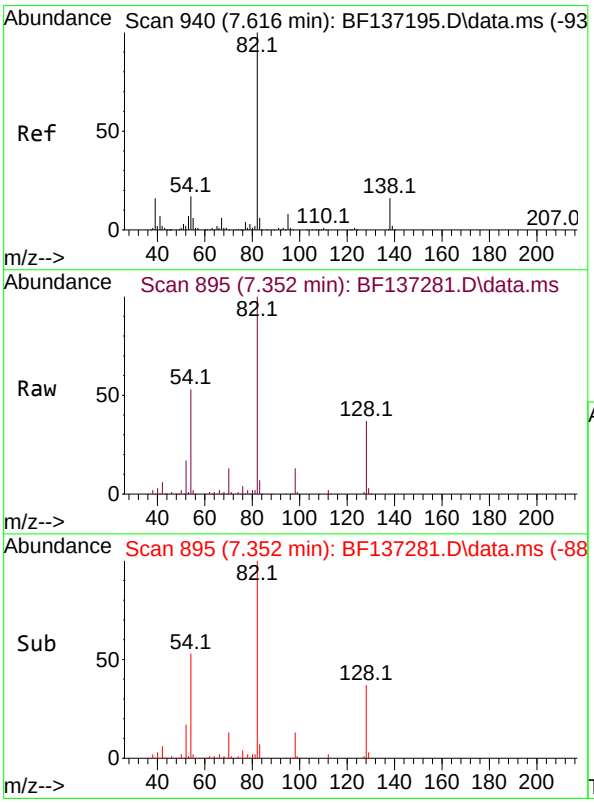
#23
Nitrobenzene-d5
Concen: 64.768 ng
RT: 7.352 min Scan# 89
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 273901

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.1	43.7
54	52.7	45.0	67.6

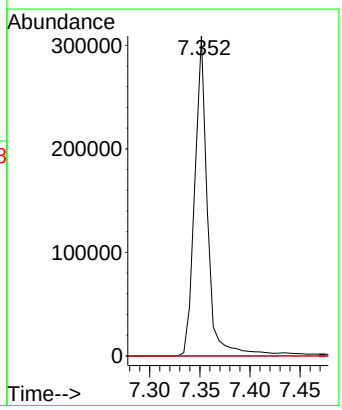


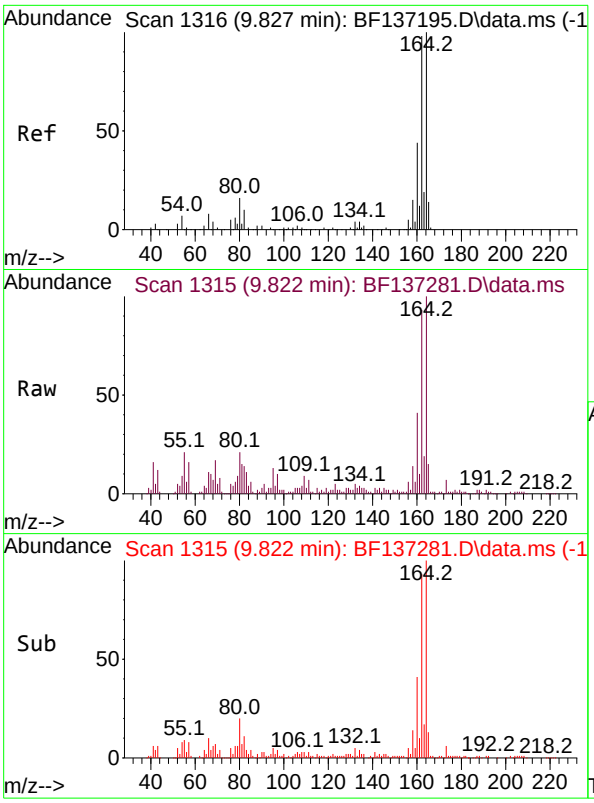


#25
Isophorone
Concen: 35.089 ng
RT: 7.352 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion: 82 Resp: 273899

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	12.7	19.1#



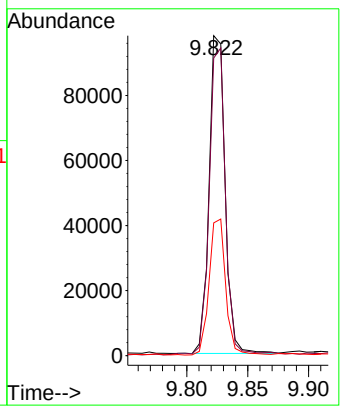


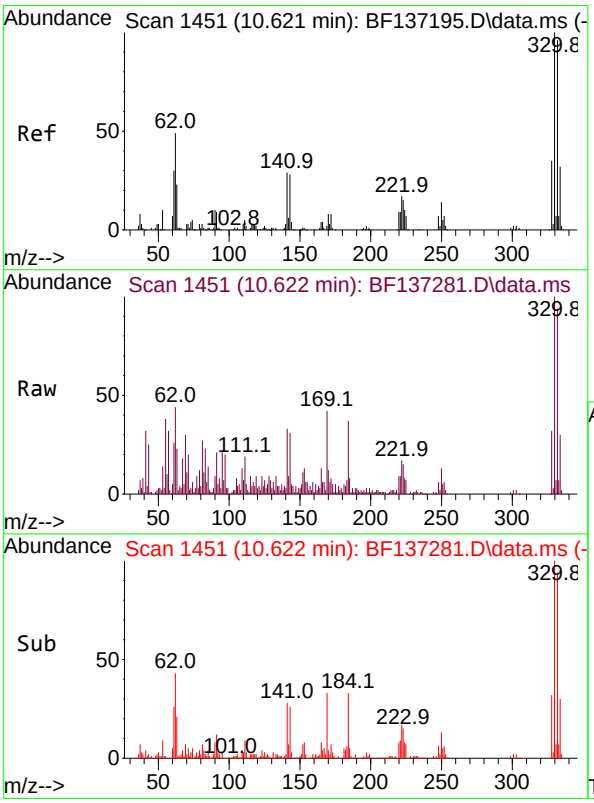
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 89822

Ion	Ratio	Lower	Upper
164	100		
162	93.0	78.3	117.5
160	41.5	35.4	53.2

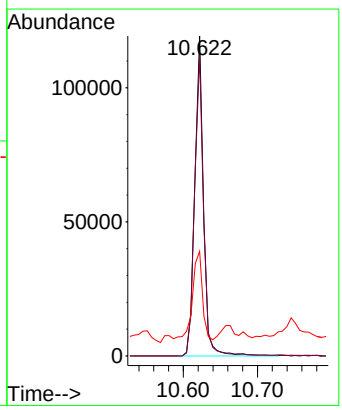


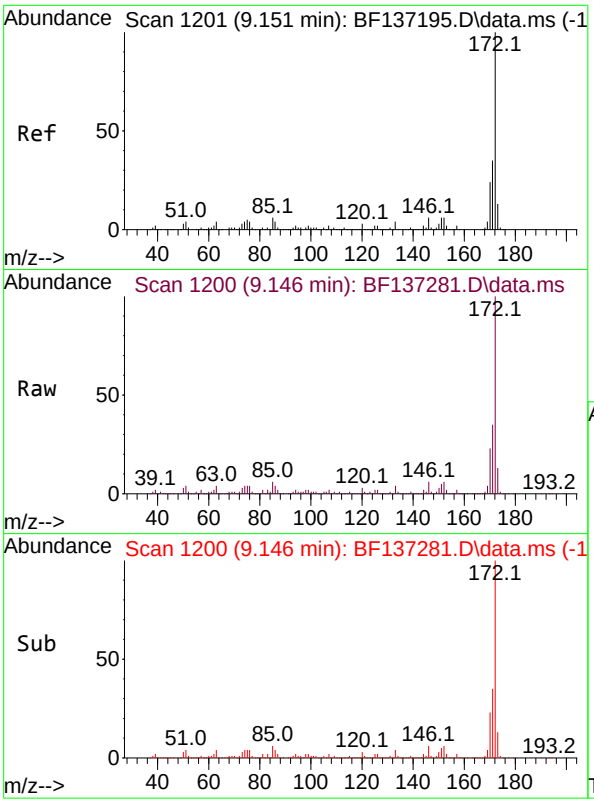


#42
2,4,6-Tribromophenol
Concen: 96.812 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:330 Resp: 98207

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	30.9	25.2	37.8



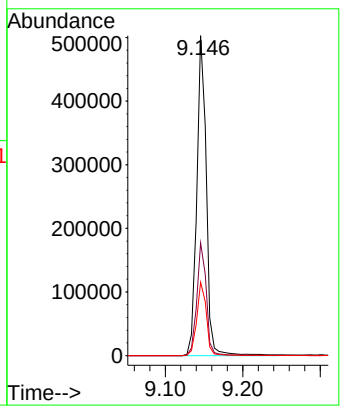


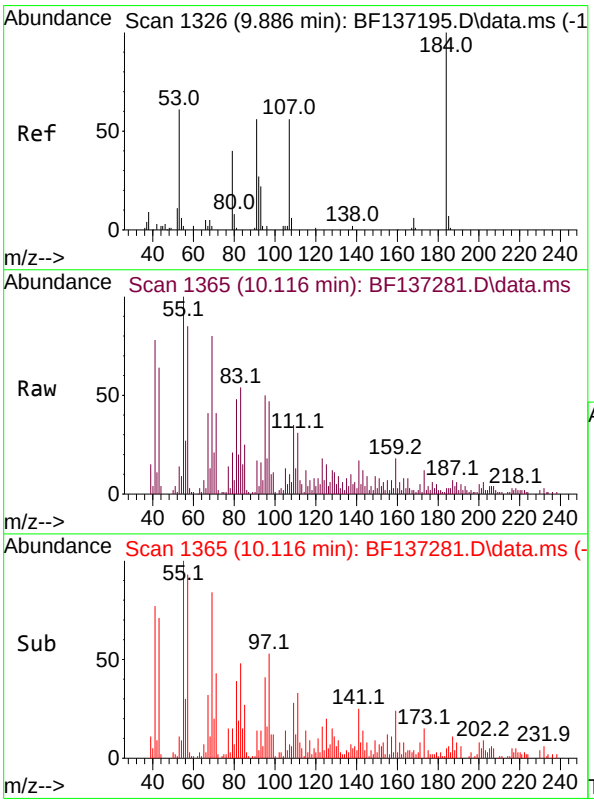
#45
2-Fluorobiphenyl
Concen: 65.675 ng
RT: 9.146 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 429128

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.9	19.1	28.7

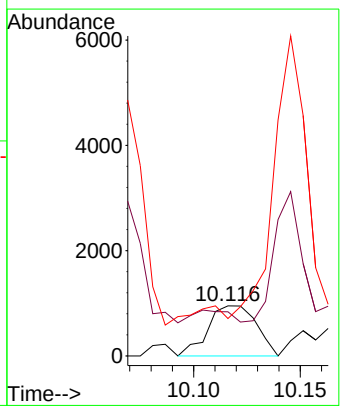


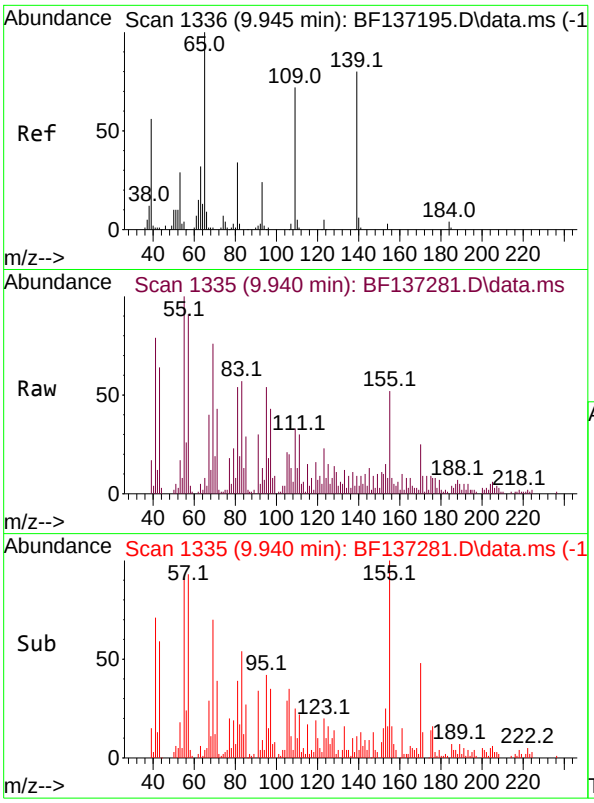


#54
2,4-Dinitrophenol
Concen: 13.784 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.230 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:184 Resp: 1505

Ion	Ratio	Lower	Upper
184	100		
63	88.4	71.2	106.8
154	74.7	64.9	97.3



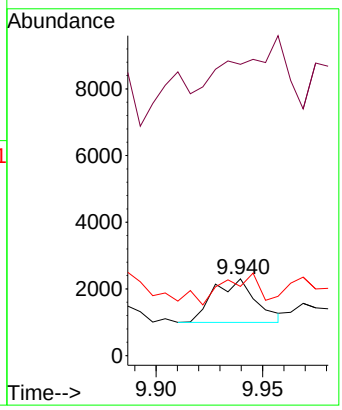


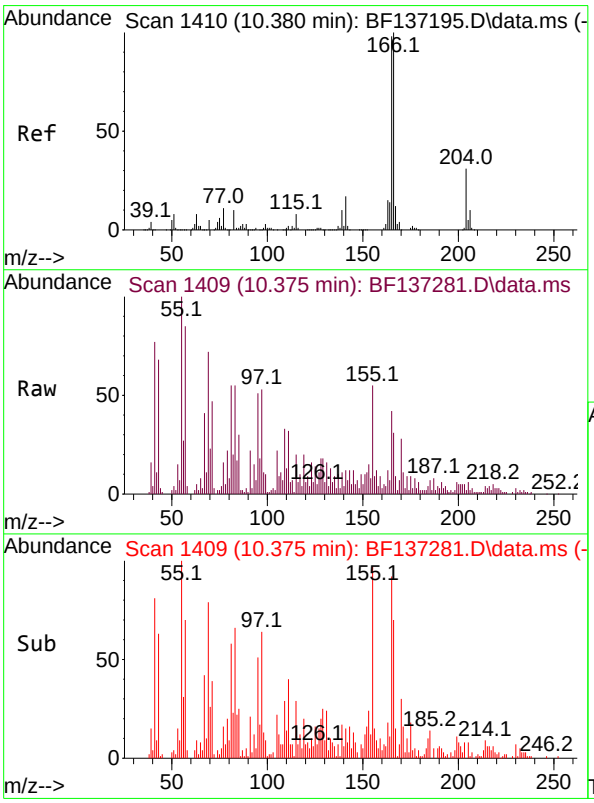
#56
4-Nitrophenol
Concen: 9.964 ng
RT: 9.940 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1818

Ion	Ratio	Lower	Upper
139	100		
109	379.4	70.4	110.4#
65	90.1	107.6	147.6#

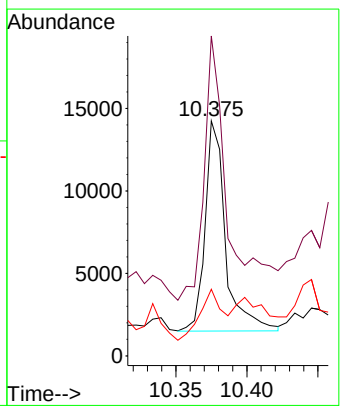


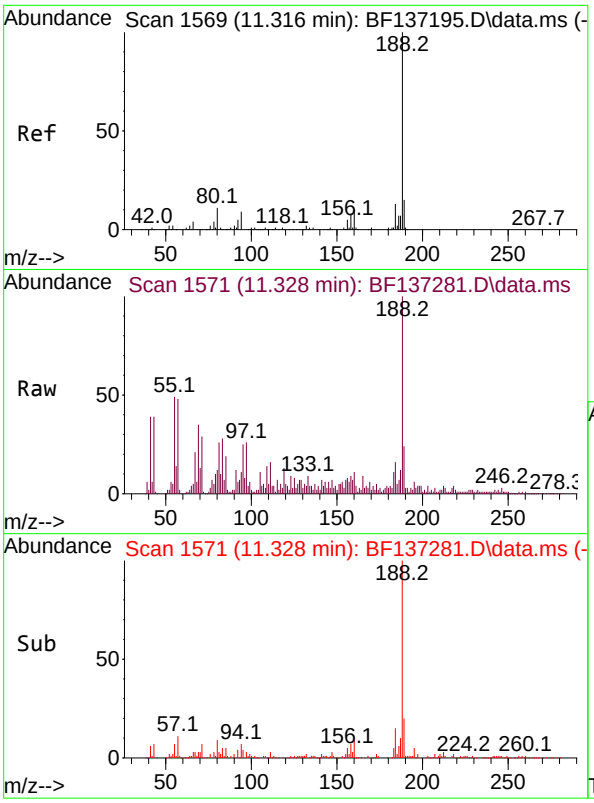


#58
Fluorene
Concen: 2.052 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:166 Resp: 12734

Ion	Ratio	Lower	Upper
166	100		
165	136.2	78.5	117.7#
167	28.4	10.0	15.0#



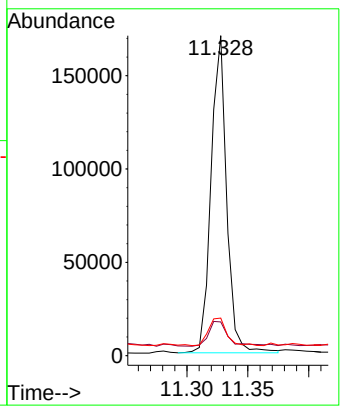


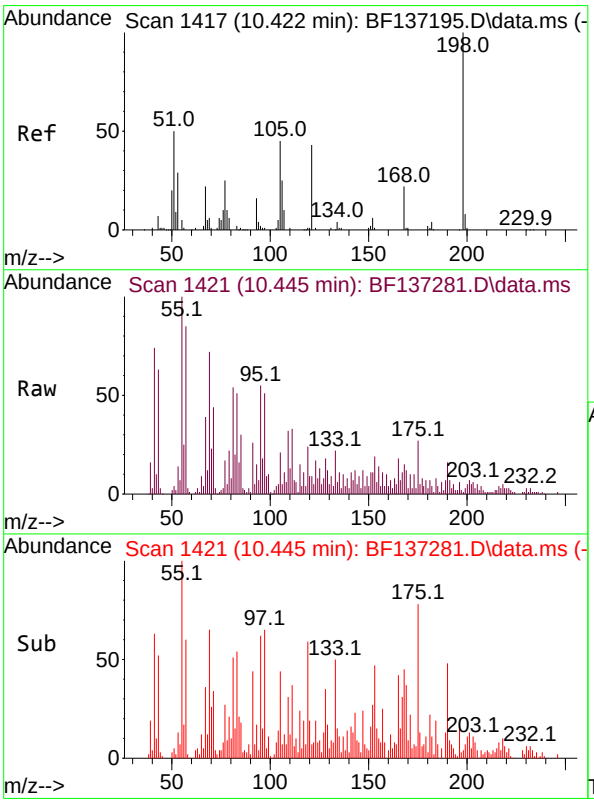
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 151542

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.0	10.4#
80	11.7	8.8	13.2

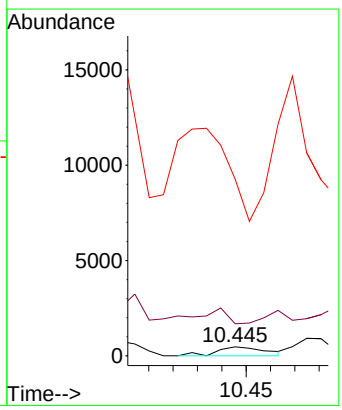


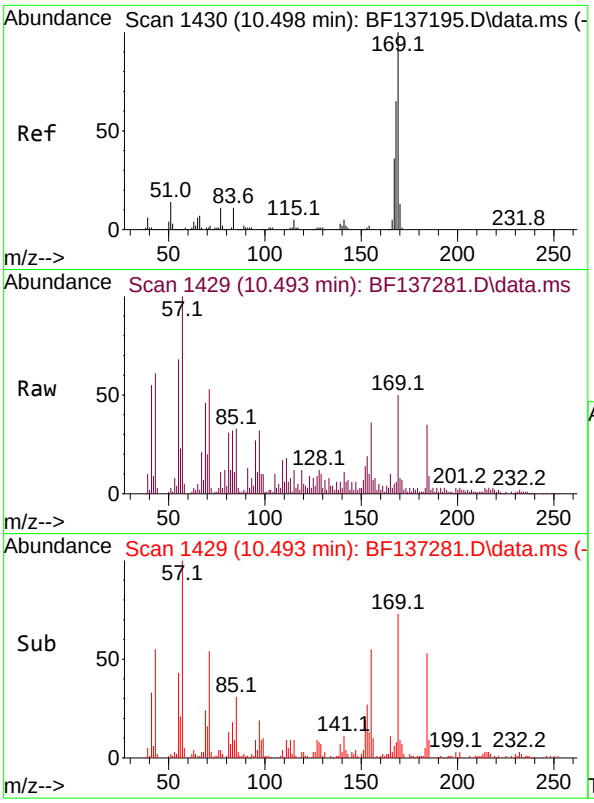


#65
4,6-Dinitro-2-methylphenol
Concen: 6.187 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.023 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:198 Resp: 663

Ion	Ratio	Lower	Upper
198	100		
51	353.2	40.9	80.9#
105	1943.8	26.5	66.5#



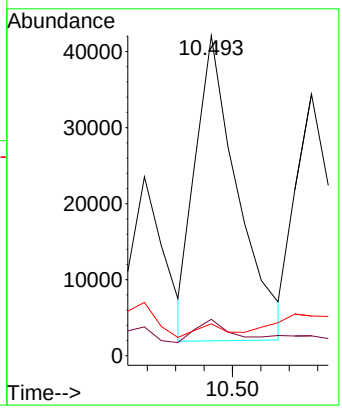


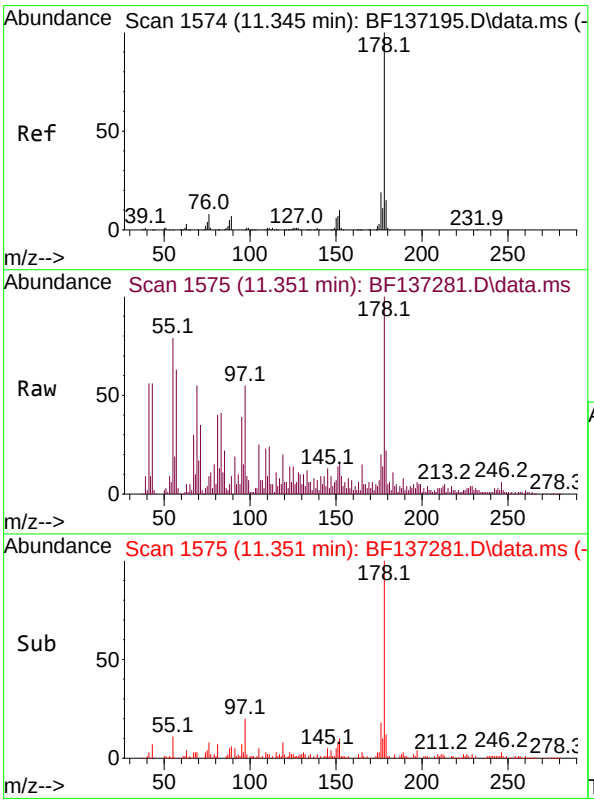
#66
n-Nitrosodiphenylamine
Concen: 8.977 ng
RT: 10.493 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 41364

Ion	Ratio	Lower	Upper
169	100		
168	11.3	51.9	77.9#
167	9.9	29.0	43.6#

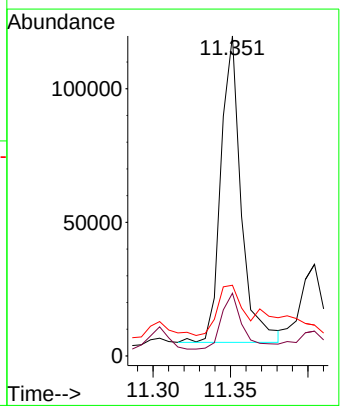


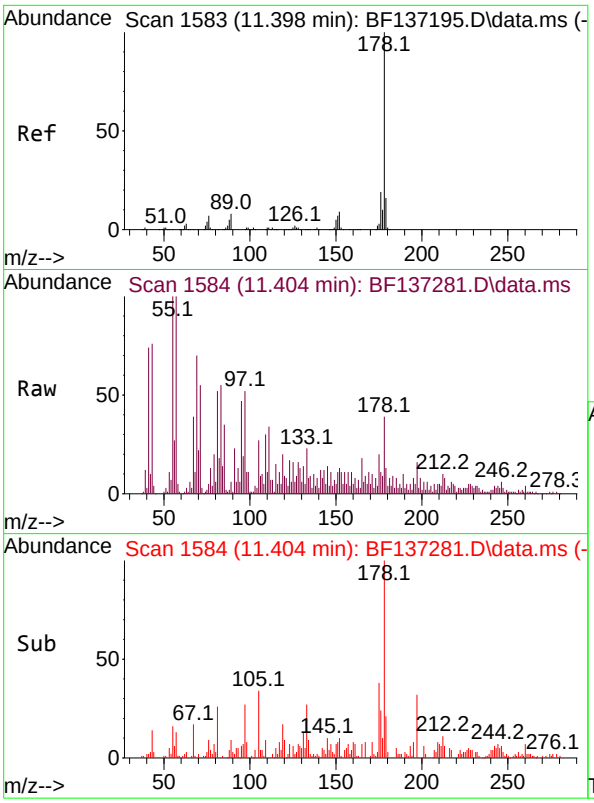


#71
Phenanthrene
Concen: 13.180 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:178 Resp: 104564

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	22.1	12.1	18.1#



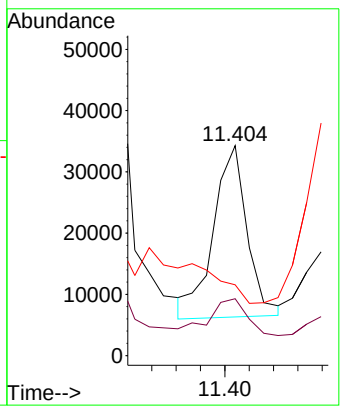


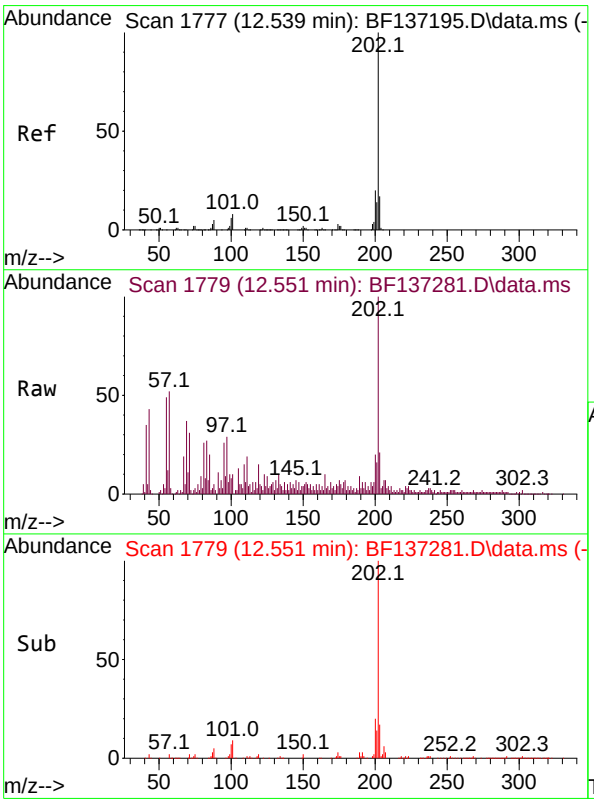
#72
Anthracene
Concen: 3.271 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 27049

Ion	Ratio	Lower	Upper
178	100		
176	27.1	15.3	22.9#
179	33.7	12.7	19.1#

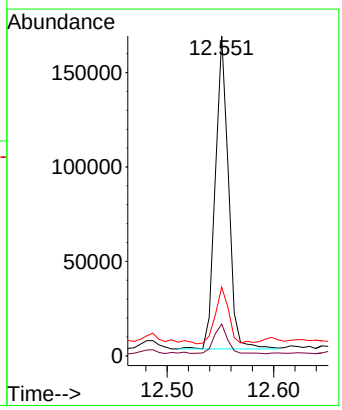


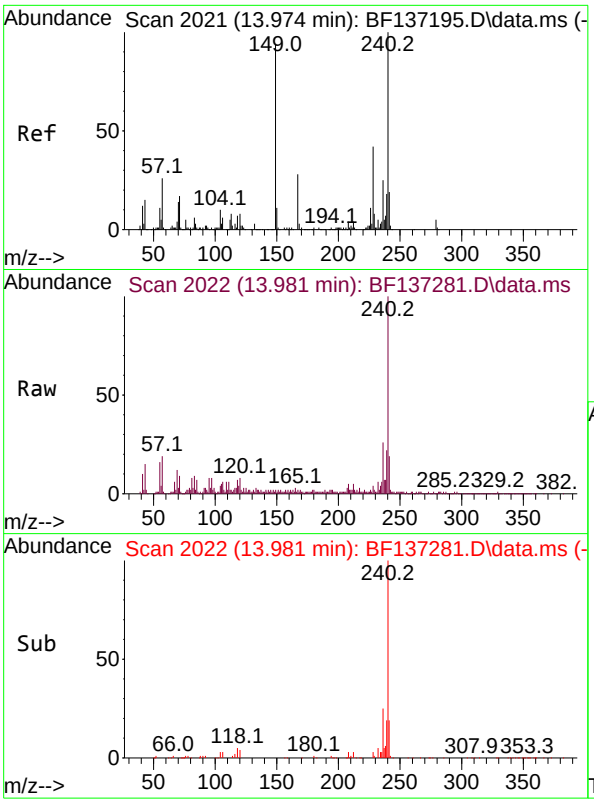


#75
Fluoranthene
Concen: 17.235 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.012 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:202 Resp: 143075

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.4
203	21.5	0.0	37.3



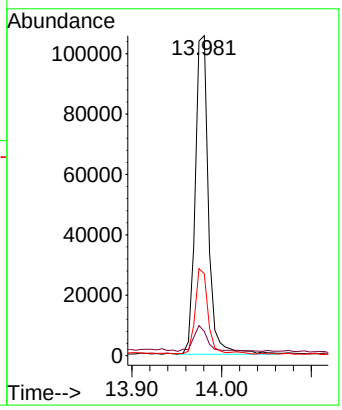


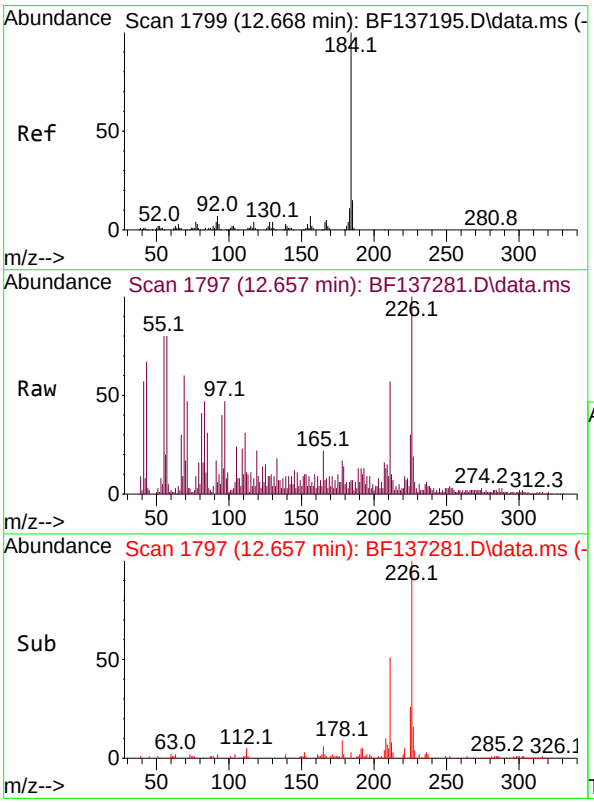
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.981 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 107772

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.3	9.5
236	25.6	20.3	30.5

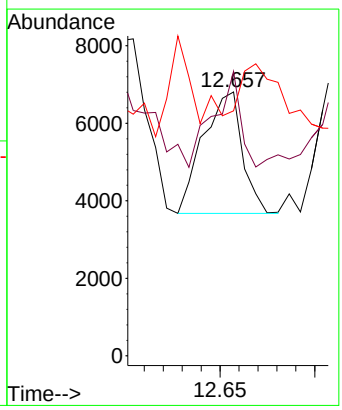


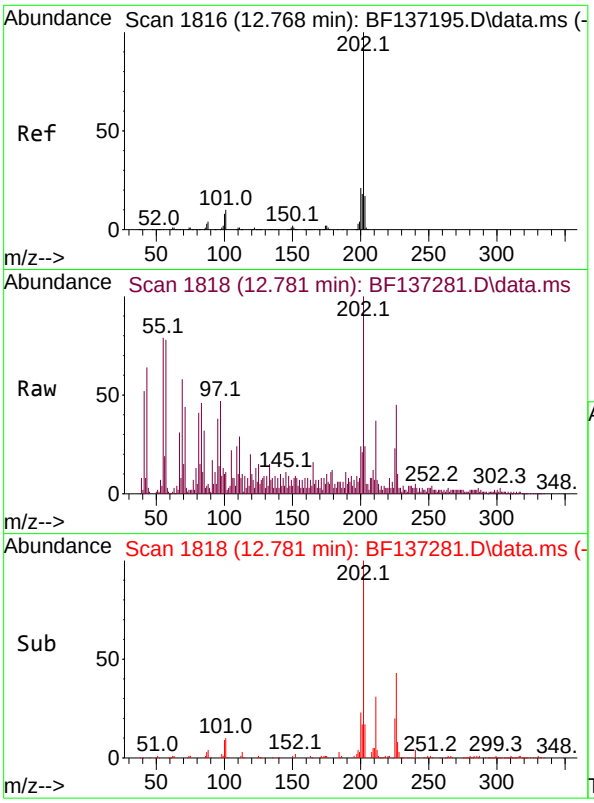


#77
Benzidine
Concen: 2.340 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.011 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:184 Resp: 4515

Ion	Ratio	Lower	Upper
184	100		
185	107.8	11.9	17.9#
183	92.8	8.8	13.2#



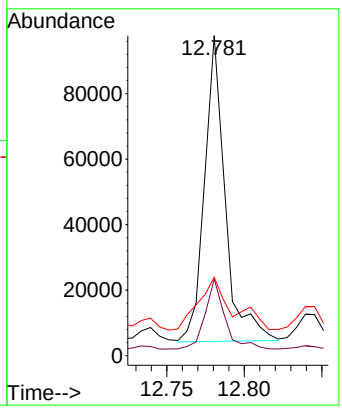


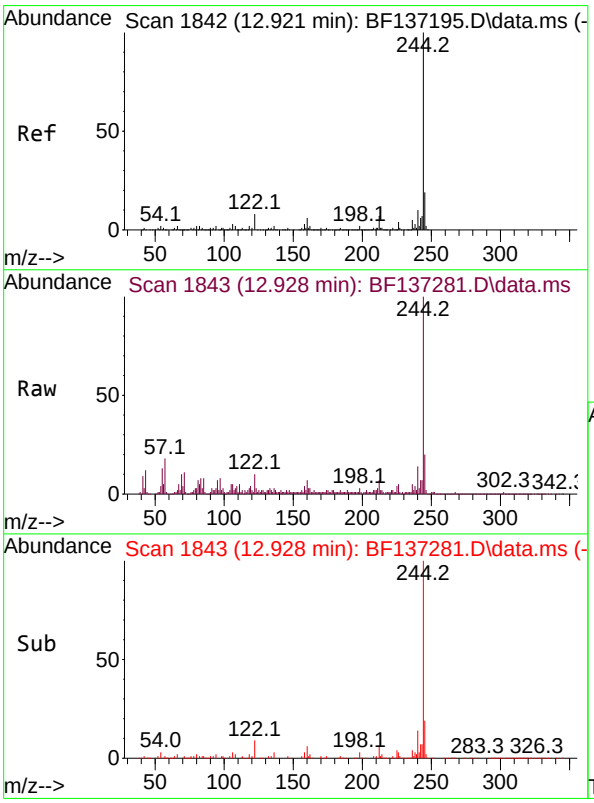
#78
Pyrene
Concen: 8.421 ng
RT: 12.781 min Scan# 18
Delta R.T. 0.012 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 87215

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.5	24.7
203	24.5	13.8	20.6#

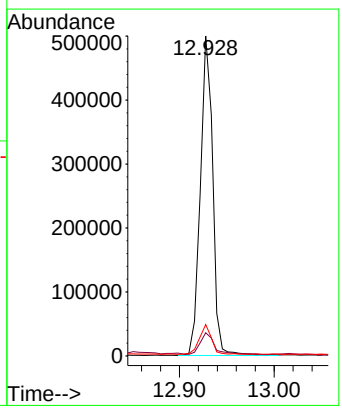


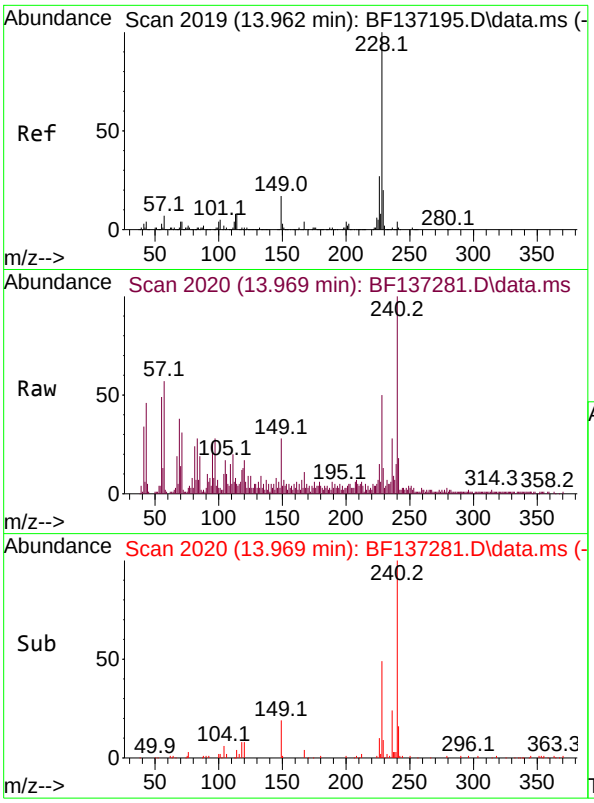


#79
Terphenyl-d14
Concen: 57.256 ng
RT: 12.928 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:244 Resp: 453905

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.8	6.2	9.4#



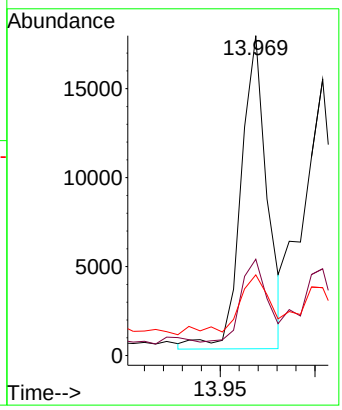


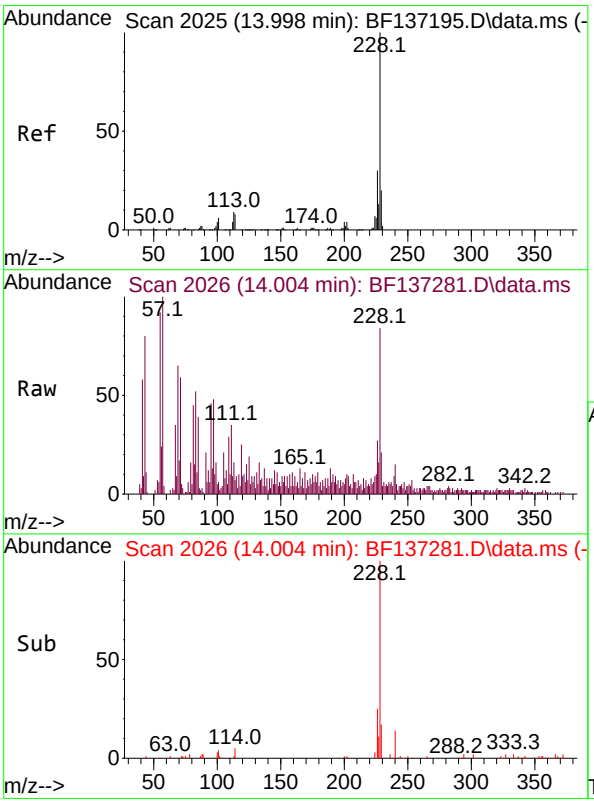
#81
Benzo(a)anthracene
Concen: 2.212 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 16886

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.6	32.4
229	25.2	15.8	23.6#

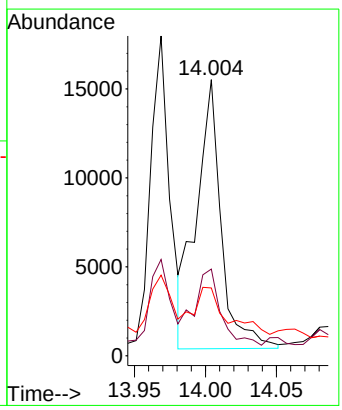


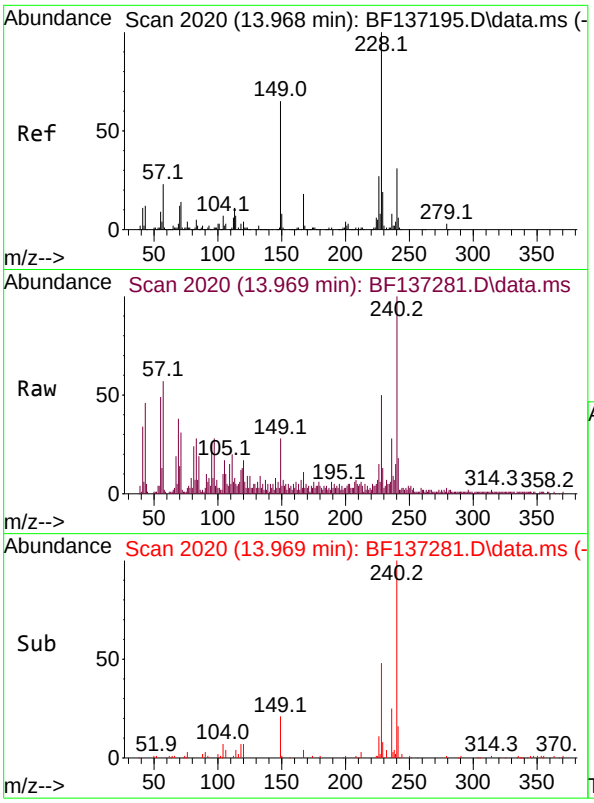


#83
Chrysene
Concen: 2.472 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:228 Resp: 18547

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	24.6	15.6	23.4#



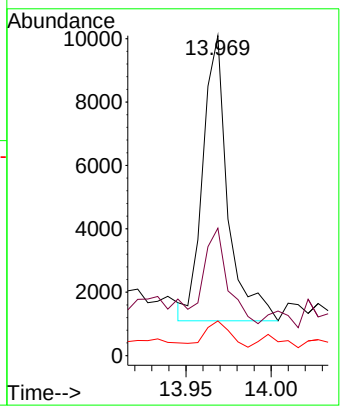


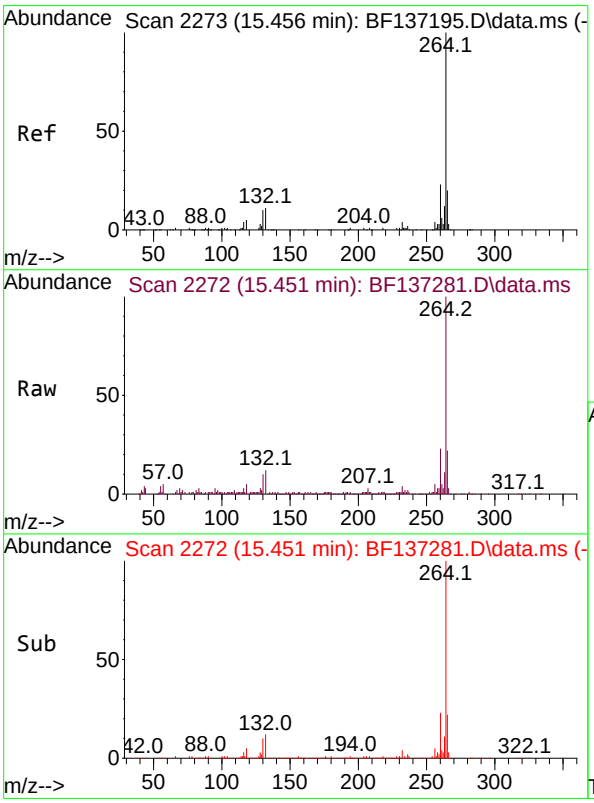
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.980 ng
RT: 13.969 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 9187

Ion	Ratio	Lower	Upper
149	100		
167	39.8	21.7	32.5#
279	10.8	3.4	5.0#

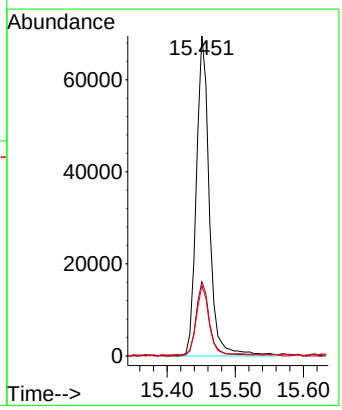


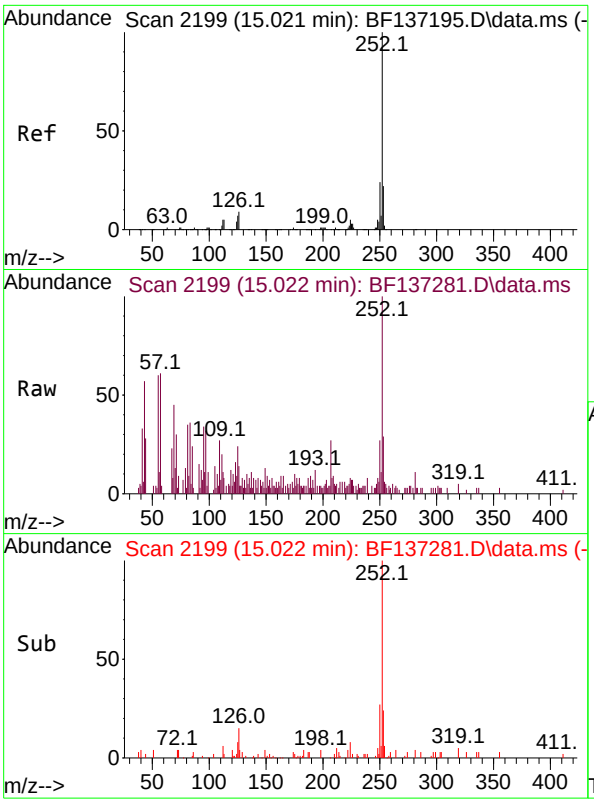


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.005 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:264 Resp: 92130

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.0	16.2	24.2



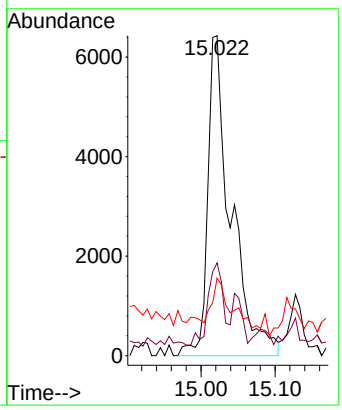


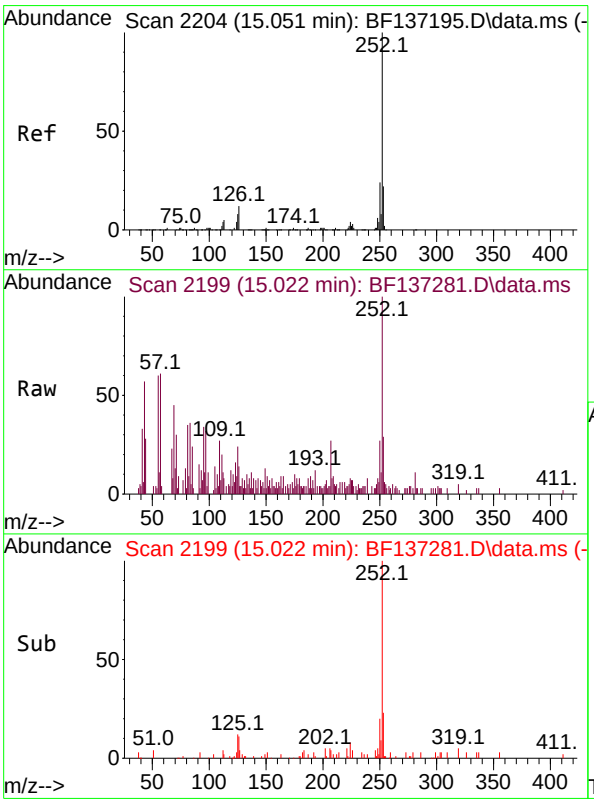
#88
Benzo(b)fluoranthene
Concen: 2.457 ng
RT: 15.022 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 13920

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.9	26.9#
125	24.2	5.4	8.2#





#89
Benzo(k)fluoranthene
Concen: 2.322 ng
RT: 15.022 min Scan# 2199
Delta R.T. -0.029 min
Lab File: BF137281.D
Acq: 05 Feb 2024 17:51

Tgt Ion:252 Resp: 13920

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.0	25.6#
125	24.2	5.9	8.9#