Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126028.D
Acq On : 3 Nov 2021 19:52
Operator : JU/CG
Sample : M4411-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Quant Time: Nov 04 10:11:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	156995	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	583728	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	341743	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	543689	20.000	ng	0.00
76) Chrysene-d12	14.004	240	334716	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	348071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	172670	18.887	ng	-0.01
7) Phenol-d6	6.463	99	234372	18.186	ng	-0.02
23) Nitrobenzene-d5	7.404	82	164998	13.330	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	59384	15.163	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	319162	12.621	ng	-0.01
79) Terphenyl-d14	12.951	244	244776	11.792	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	403	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	24350	2.866	ng	# 67
25) Isophorone	7.404	82	164727	7.392	ng	# 59
32) Benzoic acid	8.128	122	135	9.164	ng	# 1
37) 2-Methylnaphthalene	8.845	142	46061	2.206	ng	97
38) 1-Methylnaphthalene	8.939	142	72156	3.567	ng	98
48) 2-Nitroaniline	9.439	65	127	2.867	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	48729	11.426	ng	# 29
52) Acenaphthene	9.916	154	58574	2.954	ng	94
54) 2,4-Dinitrophenol	10.180	184	140	6.804	ng	# 51
57) 2,4-Dinitrotoluene	10.086	165	2019	3.472	ng	# 3
58) Fluorene	10.428	166	154711	6.455	ng	96
65) 4,6-Dinitro-2-methylph...	10.580	198	110	8.352	ng	# 1
71) Phenanthrene	11.392	178	1054983	35.781	ng	98
72) Anthracene	11.445	178	244189	8.295	ng	98
75) Fluoranthene	12.580	202	636392	19.383	ng	93
78) Pyrene	12.810	202	885328	32.982	ng	97
81) Benzo(a)anthracene	13.992	228	299382	13.020	ng	94
83) Chrysene	14.027	228	291834	13.640	ng	95
87) Indeno(1,2,3-cd)pyrene	16.909	276	81309	3.947	ng	# 83
88) Benzo(b)fluoranthene	15.039	252	270074	11.929	ng	# 92
89) Benzo(k)fluoranthene	15.039	252	270074	12.297	ng	97
90) Benzo(a)pyrene	15.339	252	111808	6.268	ng	97
92) Benzo(g,h,i)perylene	17.351	276	78804	4.856	ng	# 84

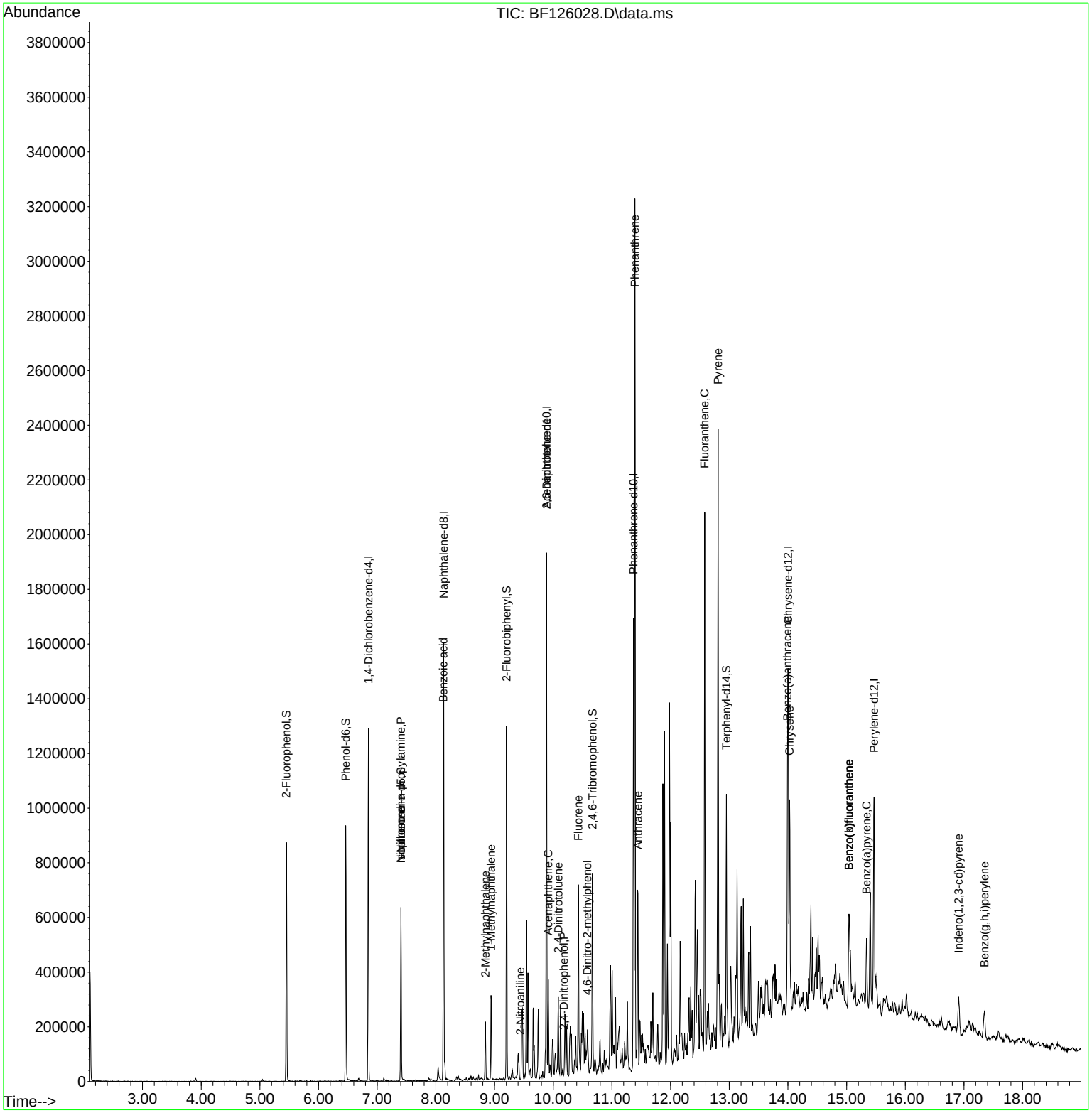
(#) = qualifier out of range (m) = manual integration (+) = signals summed

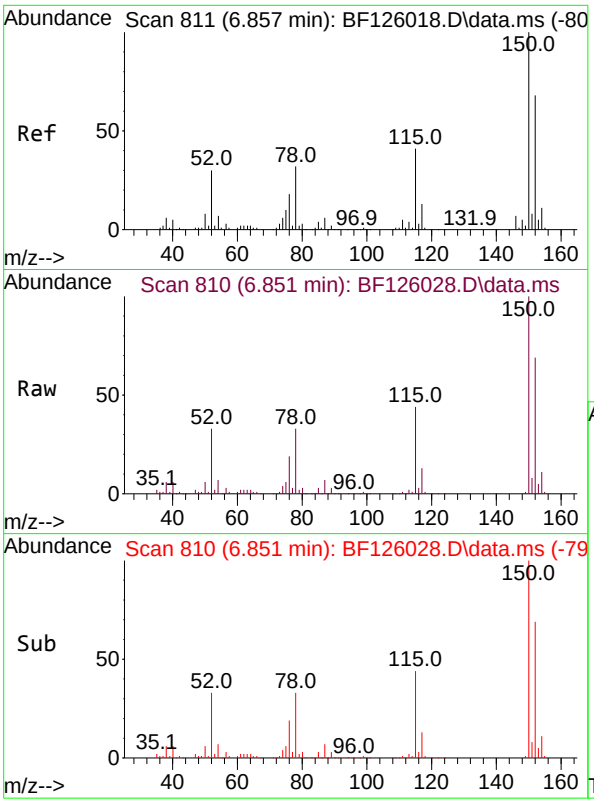
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126028.D
Acq On : 3 Nov 2021 19:52
Operator : JU/CG
Sample : M4411-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Quant Time: Nov 04 10:11:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration



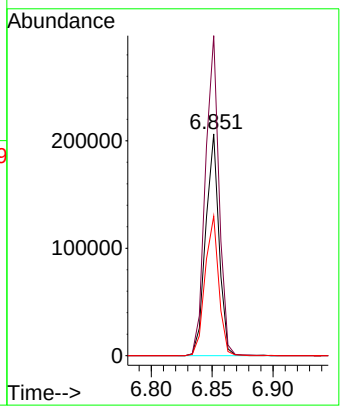


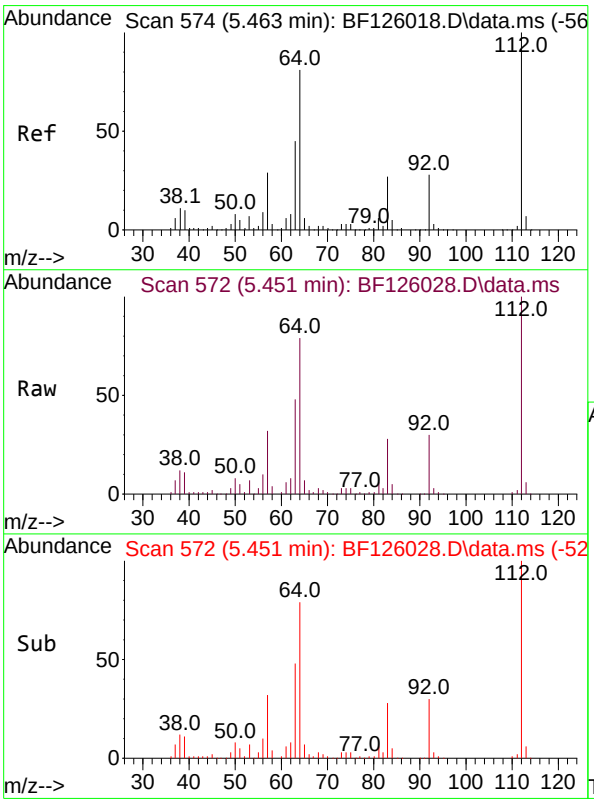
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:152 Resp: 156995

Ion	Ratio	Lower	Upper
152	100		
150	144.3	117.6	176.4
115	62.9	47.1	70.7

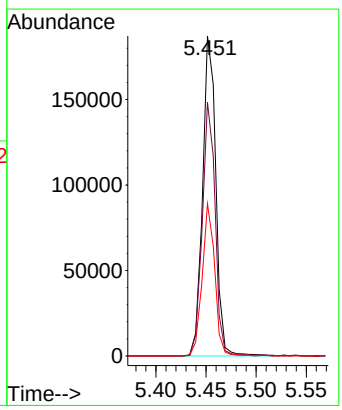


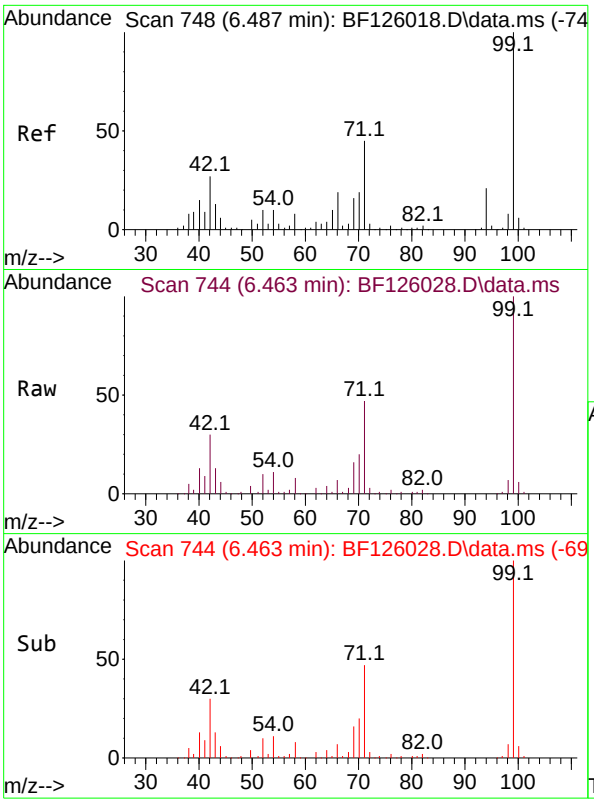


#5
2-Fluorophenol
Concen: 18.887 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:112 Resp: 172670

Ion	Ratio	Lower	Upper
112	100		
64	79.3	44.2	66.2#
63	47.6	26.2	39.2#



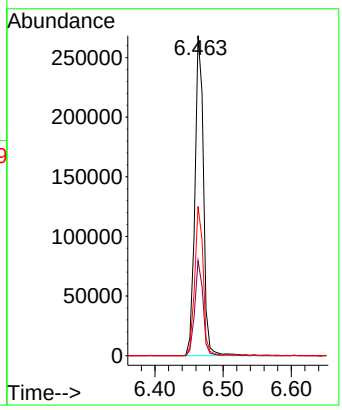


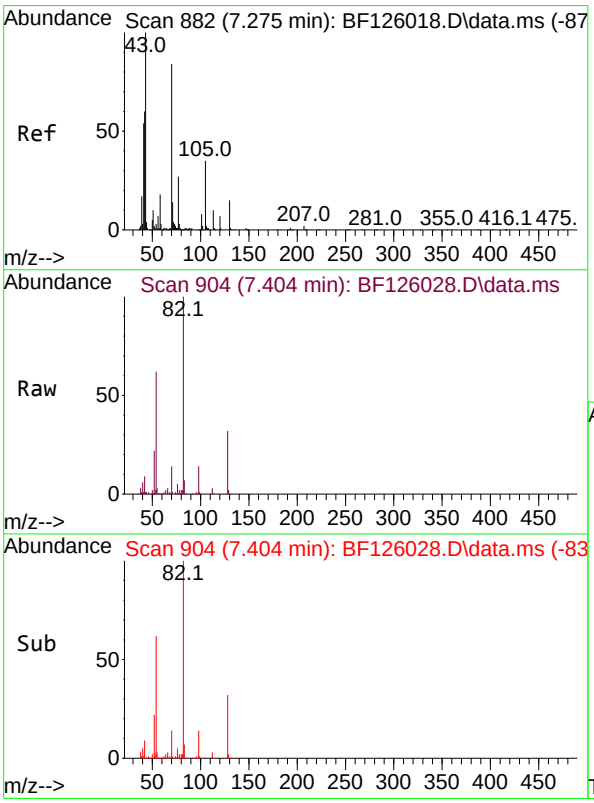
#7
Phenol-d6
Concen: 18.186 ng
RT: 6.463 min Scan# 7
Delta R.T. -0.024 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion: 99 Resp: 234372

Ion	Ratio	Lower	Upper
99	100		
42	29.7	23.5	35.3
71	46.7	25.6	38.4#

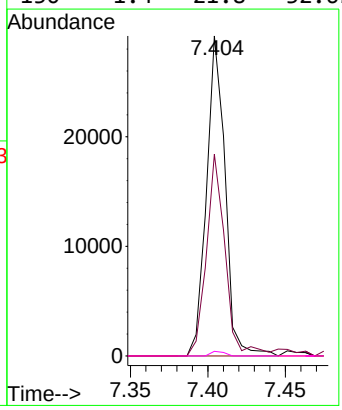


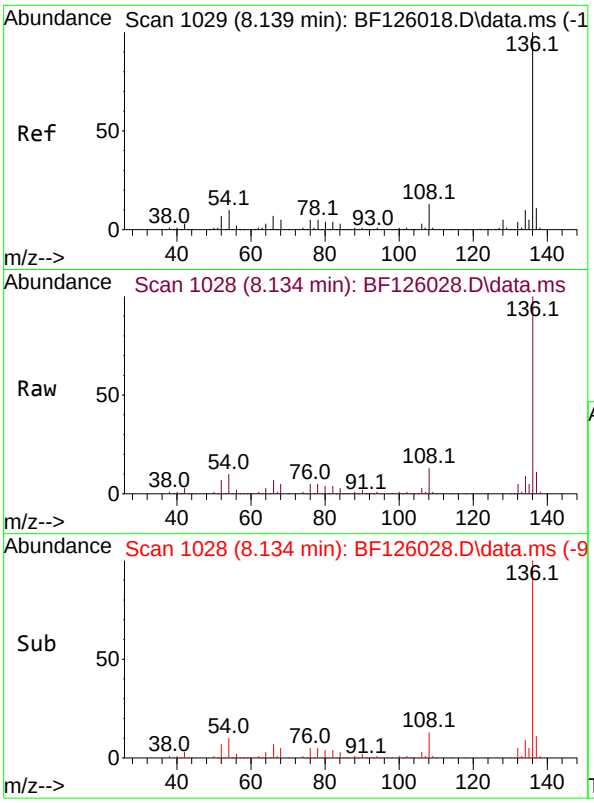


#19
n-Nitroso-di-n-propylamine
Concen: 2.866 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion: 70 Resp: 24350

Ion	Ratio	Lower	Upper
70	100		
42	63.0	72.2	108.2#
101	0.0	7.8	11.8#
130	1.4	21.8	32.6#



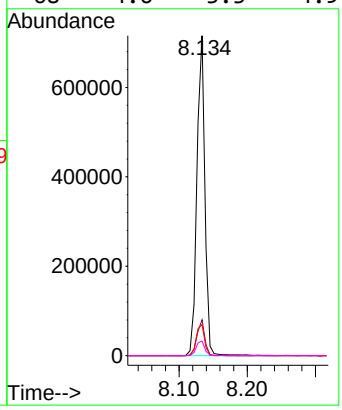


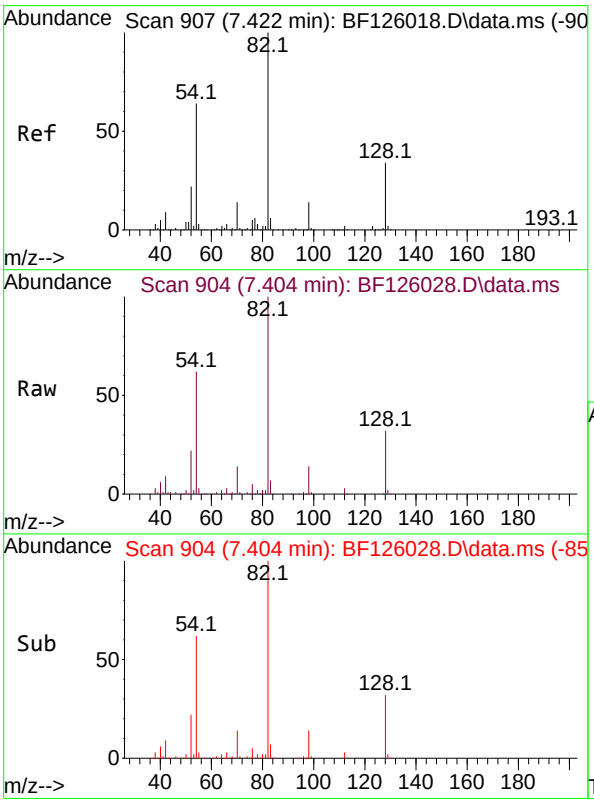
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:136 Resp: 583728

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	9.7	6.4	9.6#
68	4.6	3.3	4.9

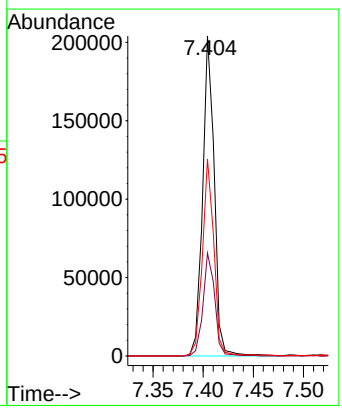


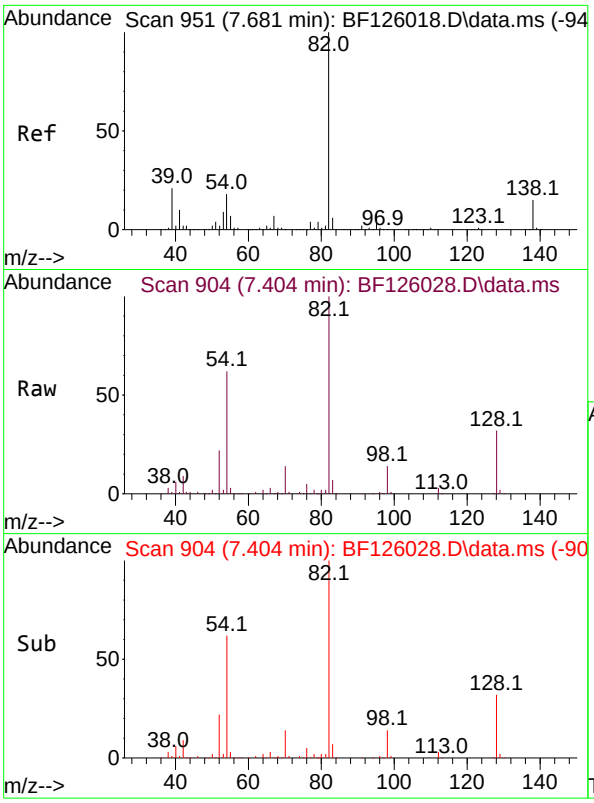


#23
Nitrobenzene-d5
Concen: 13.330 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion: 82 Resp: 164998

Ion	Ratio	Lower	Upper
82	100		
128	32.2	40.6	60.8#
54	61.6	49.6	74.4



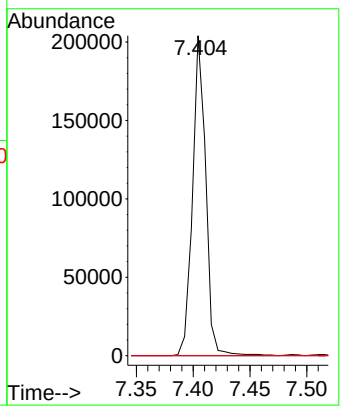


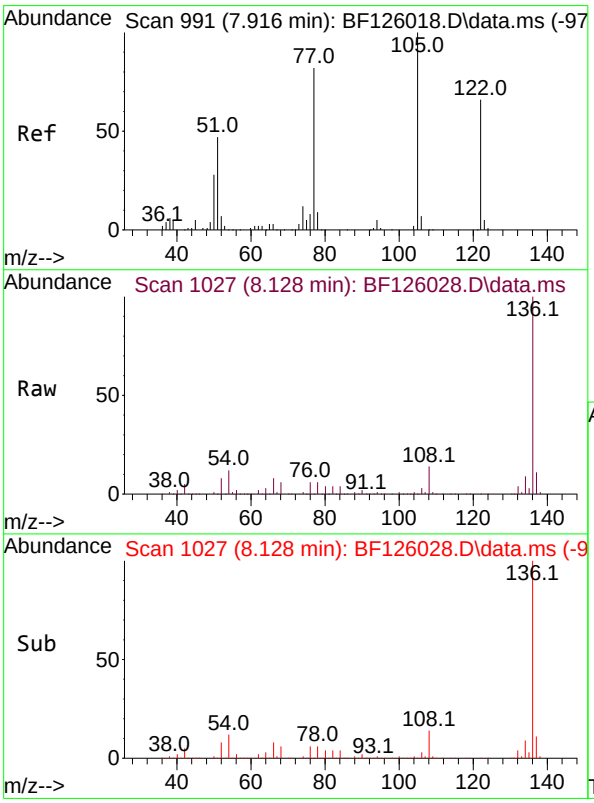
#25
Isophorone
Concen: 7.392 ng
RT: 7.404 min Scan# 9
Delta R.T. -0.277 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion: 82 Resp: 164727

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

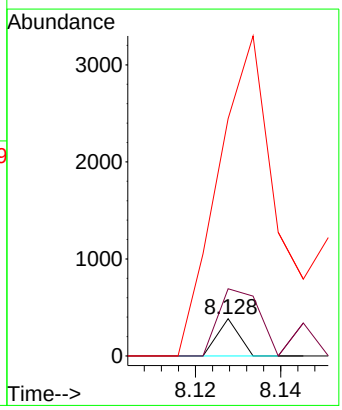


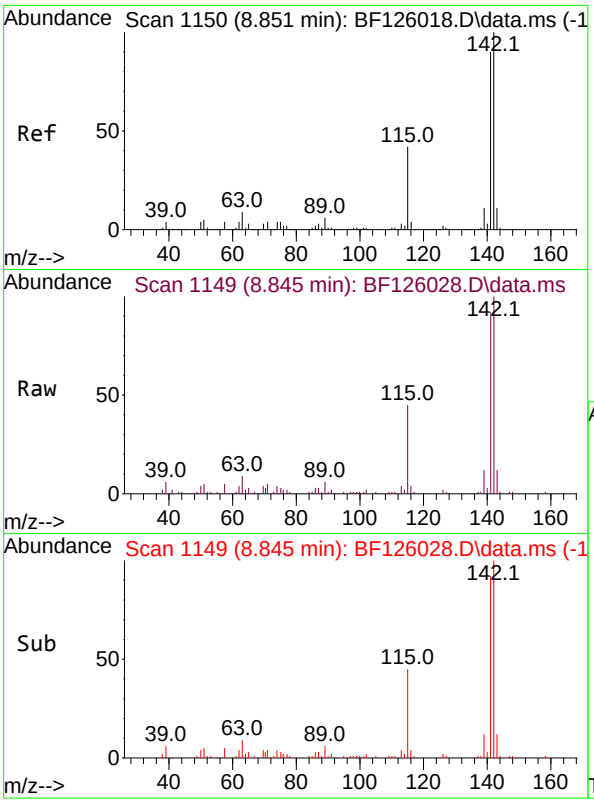


#32
Benzoic acid
Concen: 9.164 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.212 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:122 Resp: 135

Ion	Ratio	Lower	Upper
122	100		
105	180.2	97.6	137.6#
77	636.7	59.6	99.6#



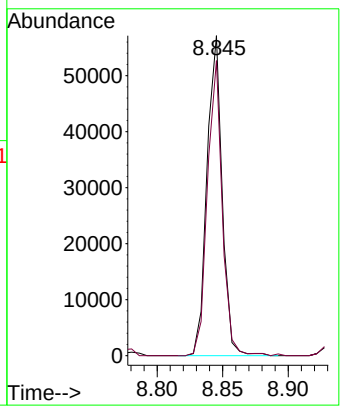


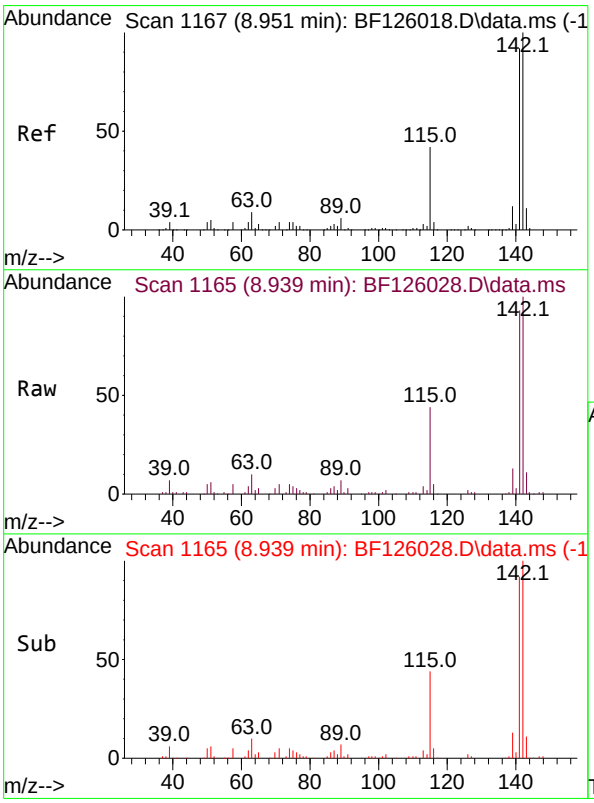
#37
2-Methylnaphthalene
Concen: 2.206 ng
RT: 8.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:142 Resp: 46061

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.2	106.8

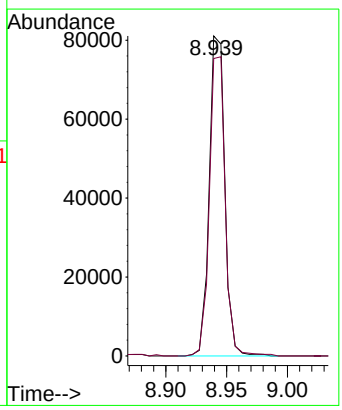


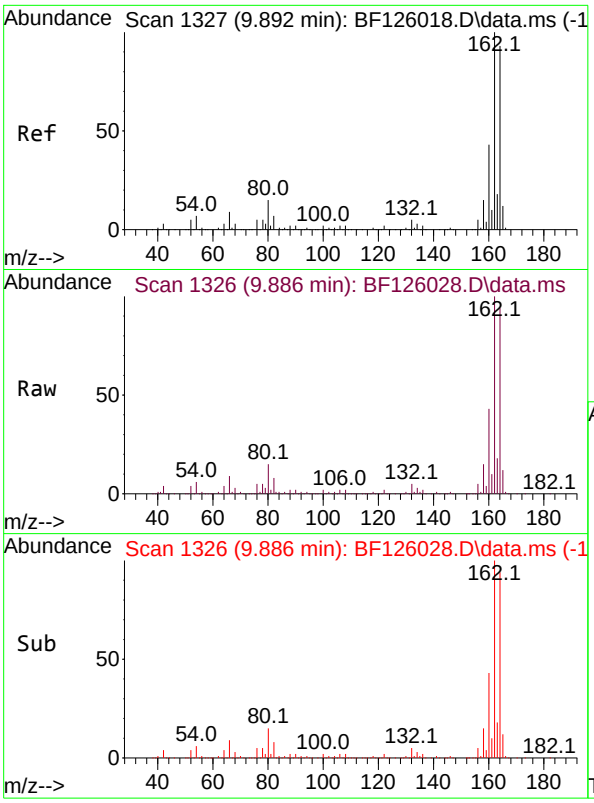


#38
1-Methylnaphthalene
Concen: 3.567 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:142 Resp: 72156

Ion	Ratio	Lower	Upper
142	100		
141	93.0	76.0	114.0



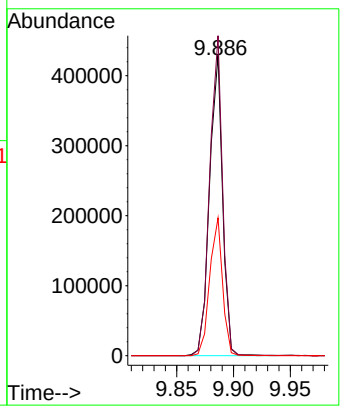


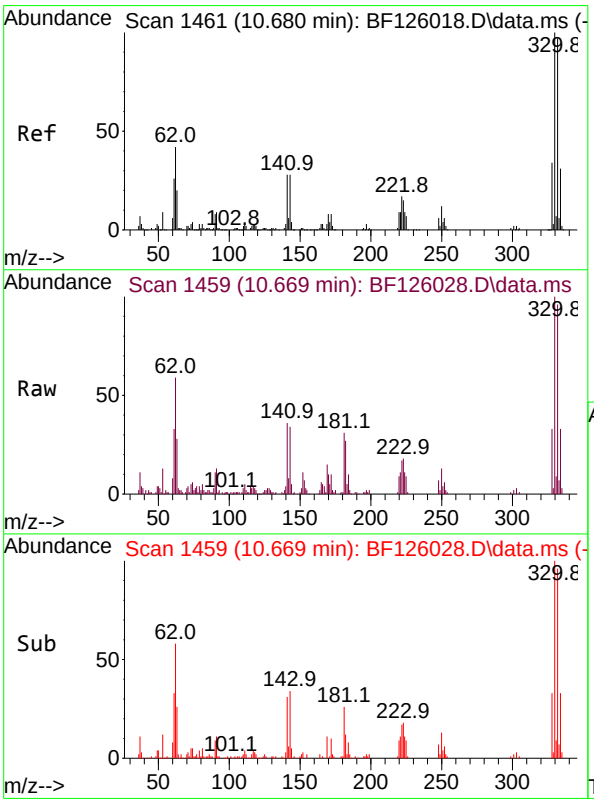
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:164 Resp: 341743

Ion	Ratio	Lower	Upper
164	100		
162	106.5	81.3	121.9
160	45.8	38.0	57.0

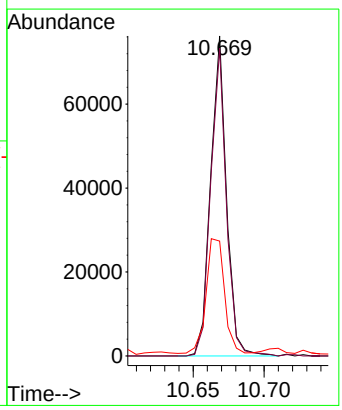


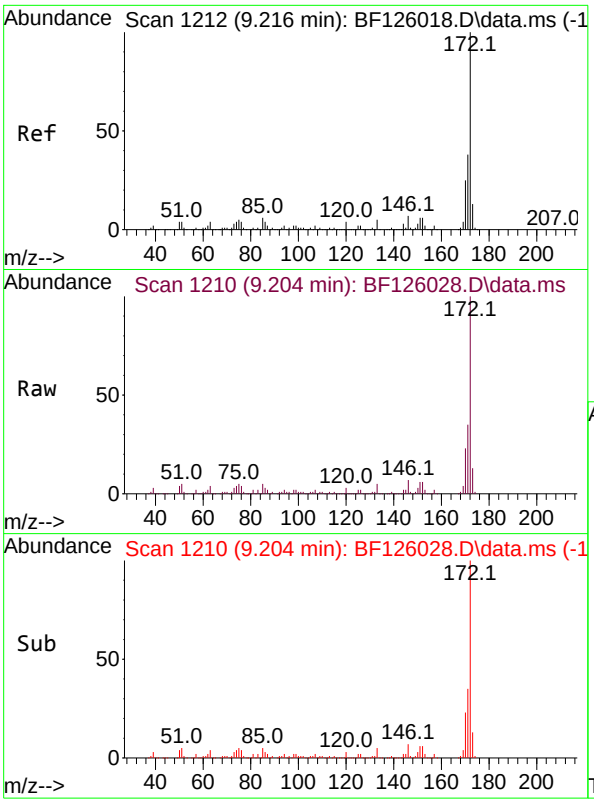


#42
2,4,6-Tribromophenol
Concen: 15.163 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:330 Resp: 59384

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	41.5	44.6	66.8#



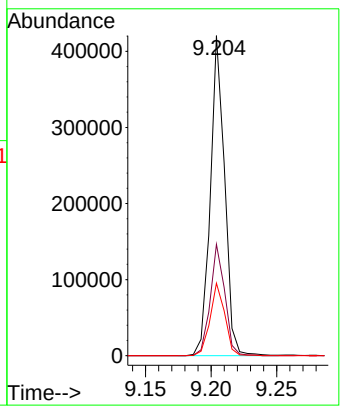


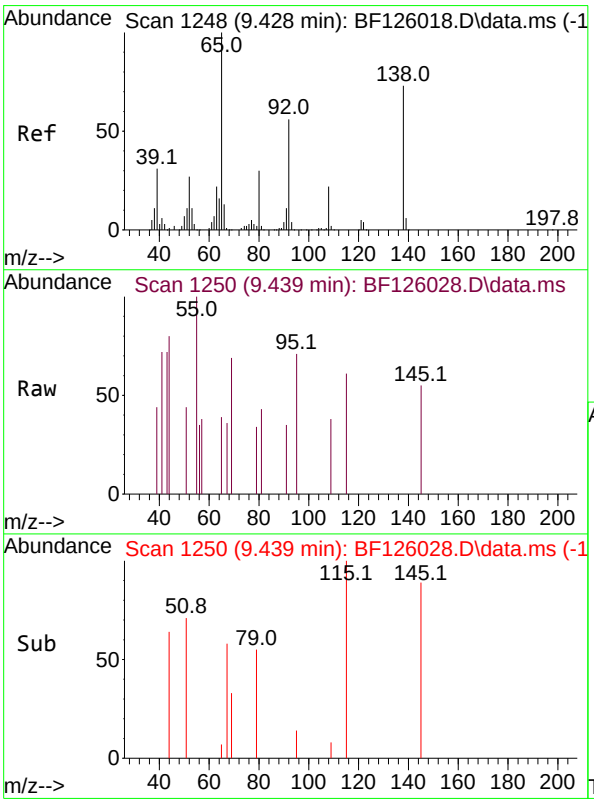
#45
2-Fluorobiphenyl
Concen: 12.621 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:172 Resp: 319162

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.5	39.7
170	22.6	18.8	28.2

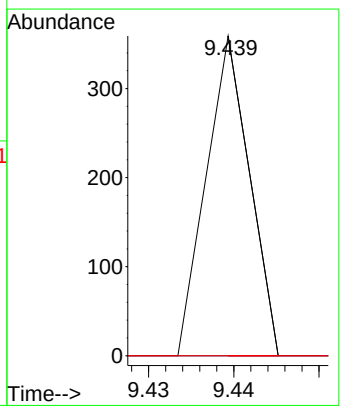


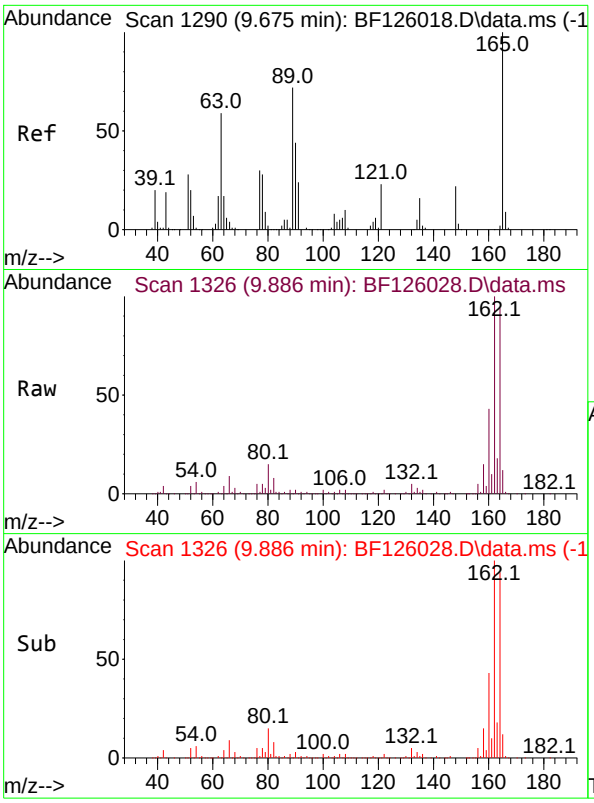


#48
2-Nitroaniline
Concen: 2.867 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.011 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion: 65 Resp: 127

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.5	83.3#
138	0.0	93.5	140.3#



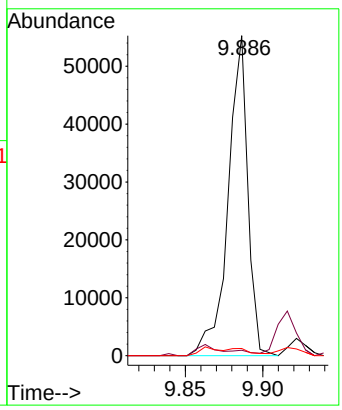


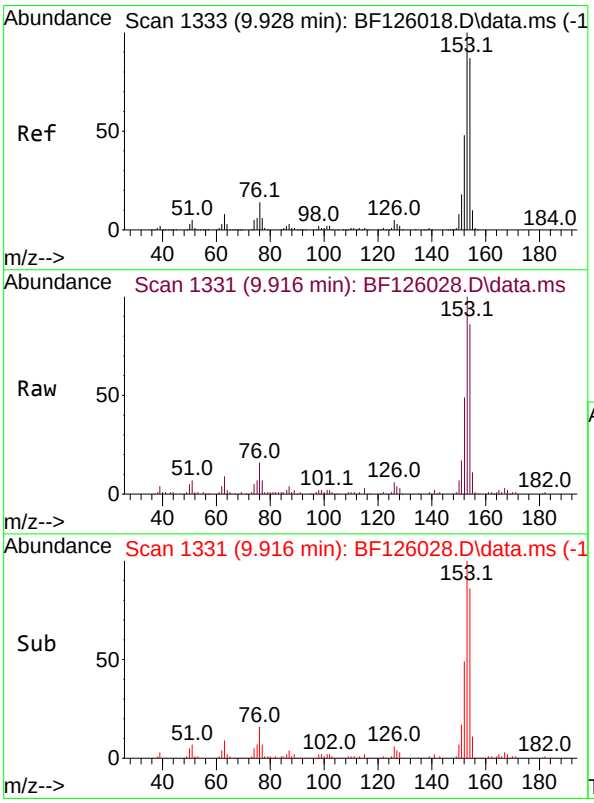
#51
2,6-Dinitrotoluene
Concen: 11.426 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.211 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:165 Resp: 48729

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.6	63.8#
89	2.3	40.6	60.8#

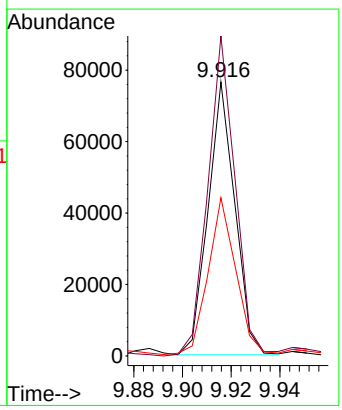


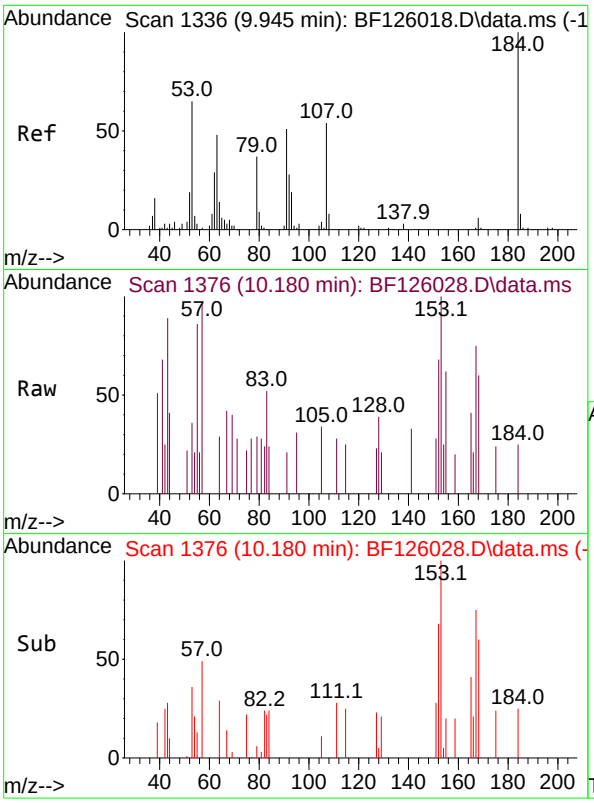


#52
Acenaphthene
Concen: 2.954 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:154 Resp: 58574

Ion	Ratio	Lower	Upper
154	100		
153	116.8	89.4	134.2
152	57.7	40.5	60.7



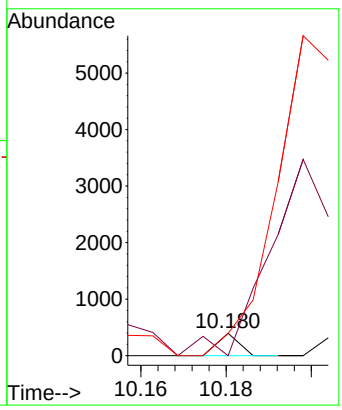


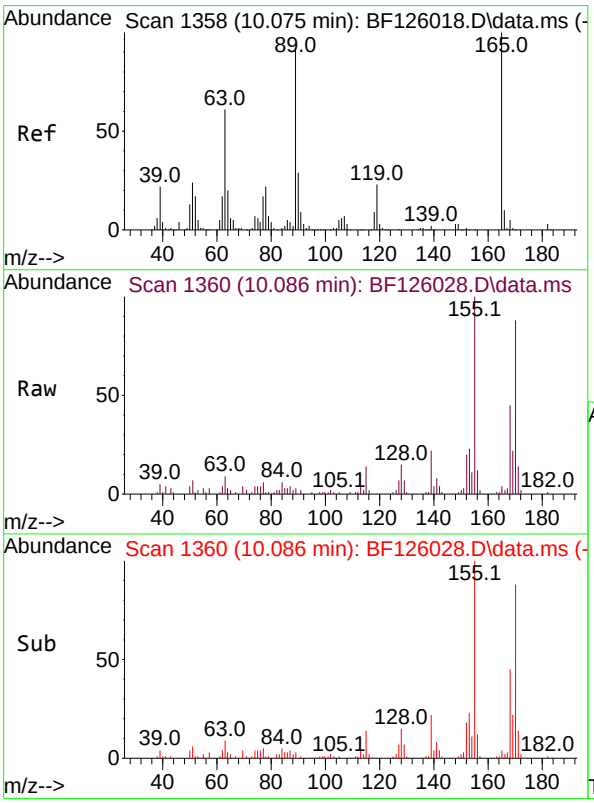
#54
2,4-Dinitrophenol
Concen: 6.804 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.235 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:184 Resp: 140

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.3	88.9#
154	99.2	68.6	102.8

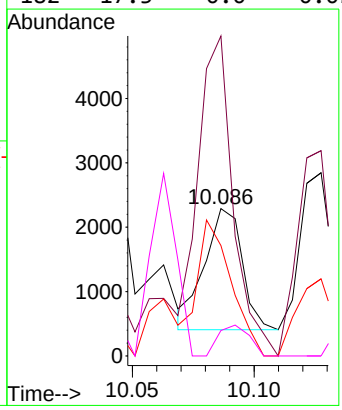


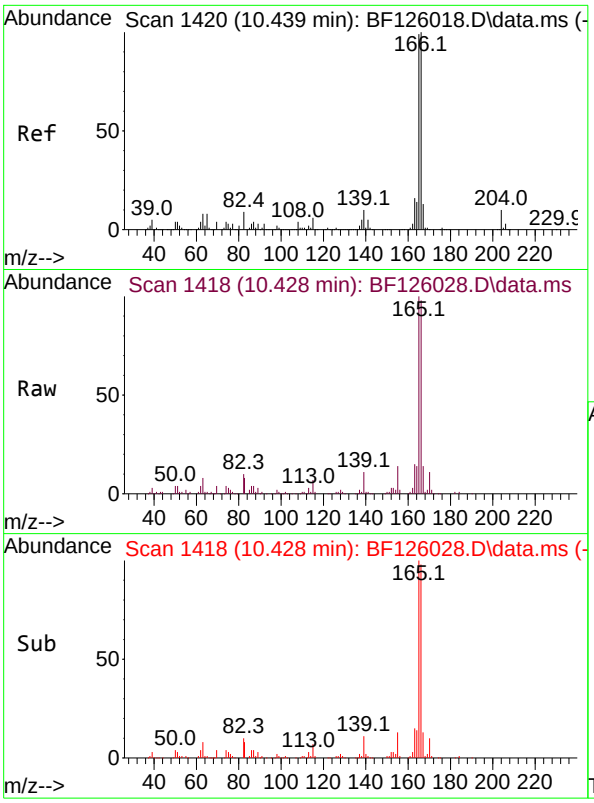


#57
2,4-Dinitrotoluene
Concen: 3.472 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.011 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:165 Resp: 2019

Ion	Ratio	Lower	Upper
165	100		
63	217.2	40.9	61.3#
89	74.9	59.7	89.5
182	17.3	0.0	0.0#



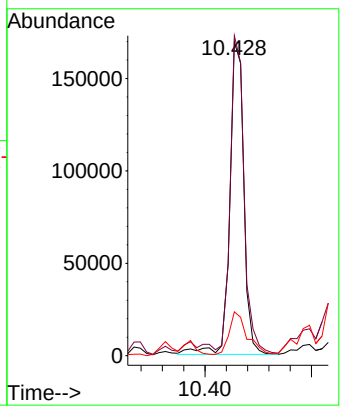


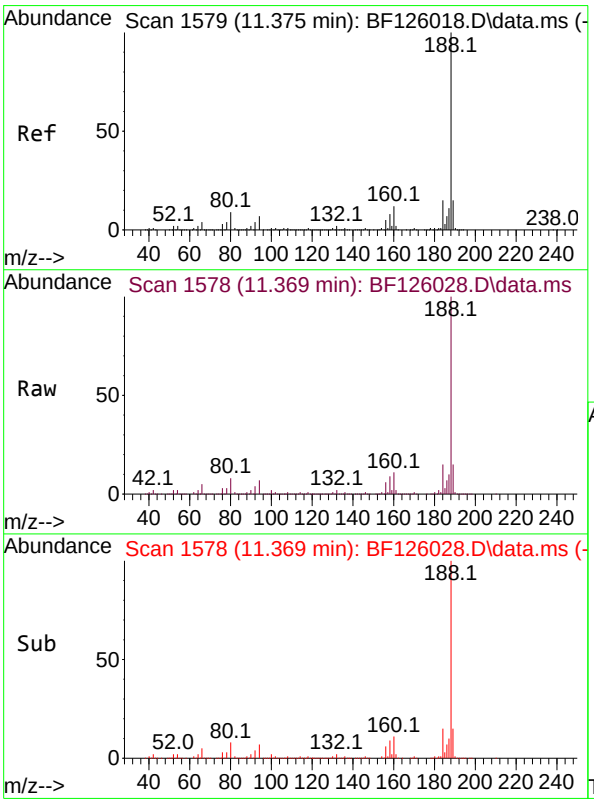
#58
Fluorene
Concen: 6.455 ng
RT: 10.428 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:166 Resp: 154711

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.1	117.1
167	14.0	11.1	16.7

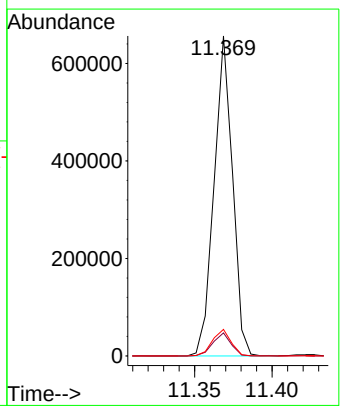


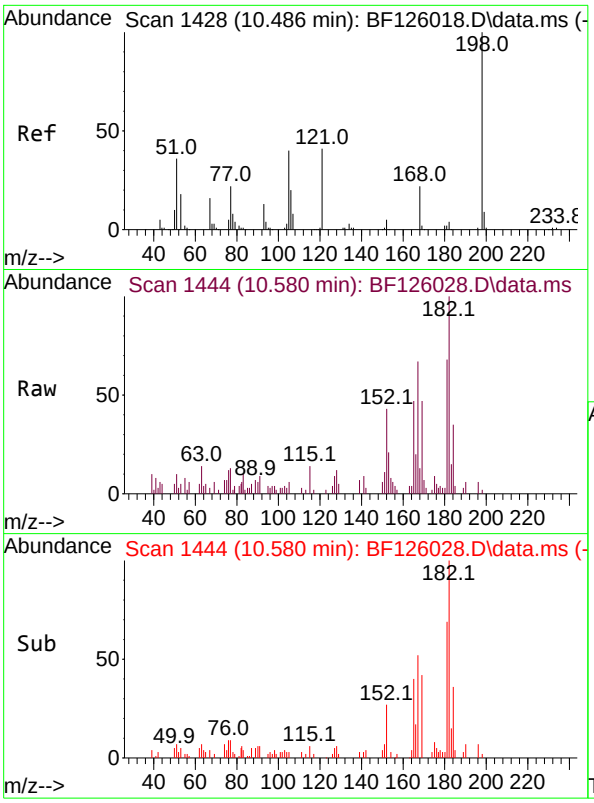


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:188 Resp: 543689

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	8.3	7.5	11.3



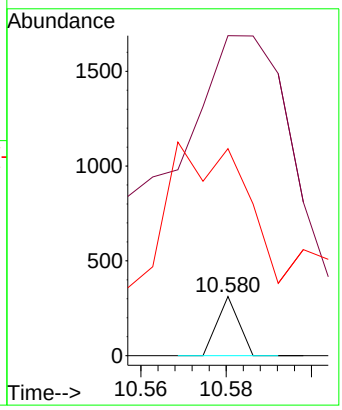


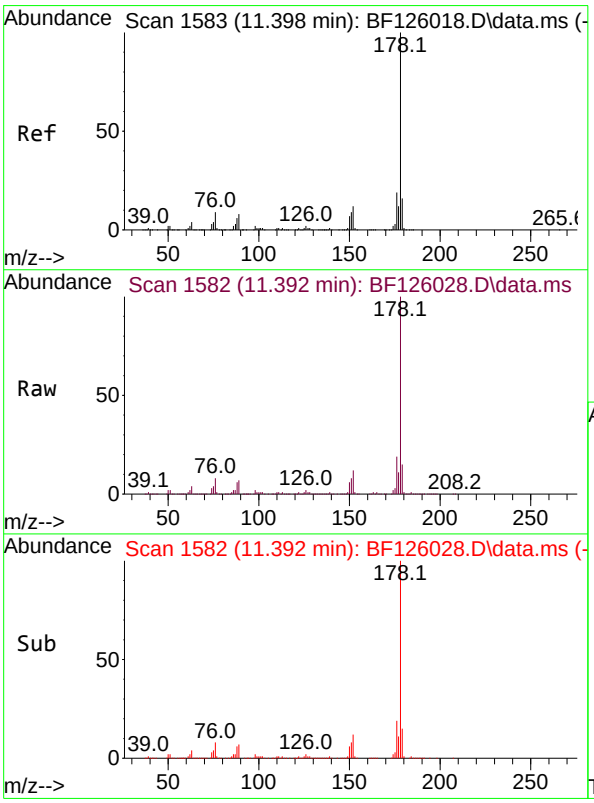
#65
4,6-Dinitro-2-methylphenol
Concen: 8.352 ng
RT: 10.580 min Scan# 14
Delta R.T. 0.094 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	541.0	45.3	85.3#
105	350.0	30.6	70.6#

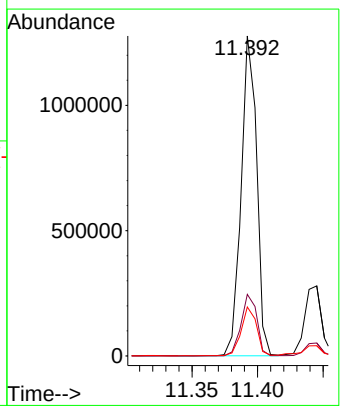


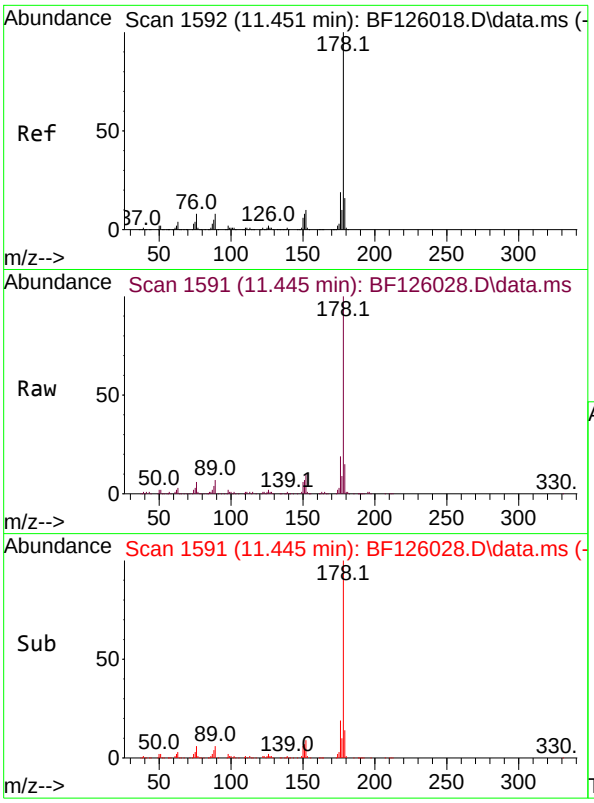


#71
Phenanthrene
Concen: 35.781 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:178 Resp: 1054983

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	15.3	11.5	17.3



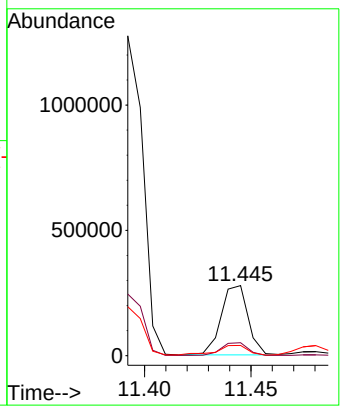


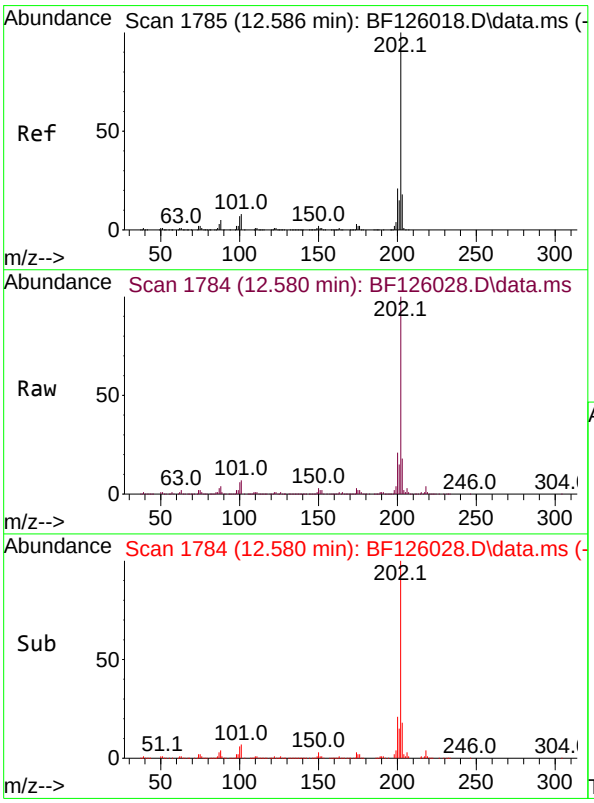
#72
Anthracene
Concen: 8.295 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:178 Resp: 244189

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.3	21.5
179	14.6	12.2	18.4

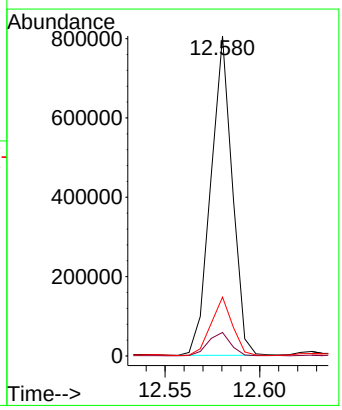


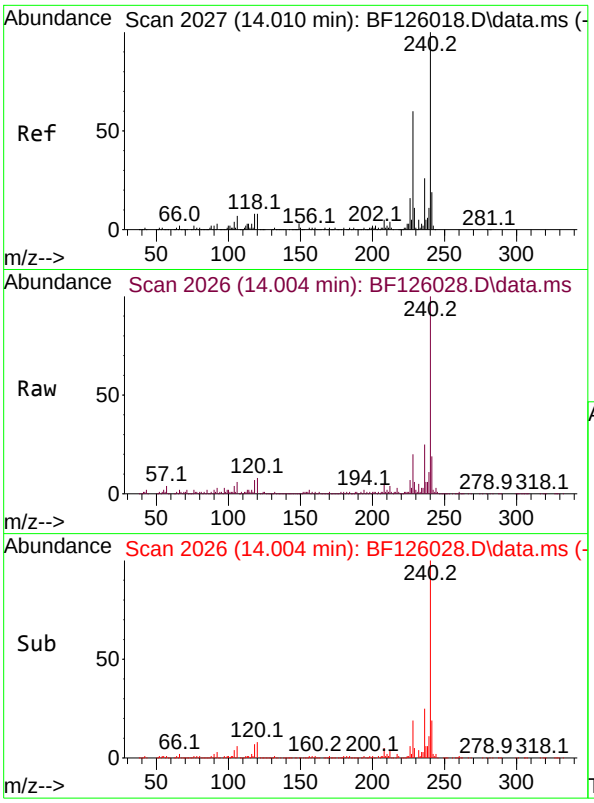


#75
Fluoranthene
Concen: 19.383 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:202 Resp: 636392

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	30.7
203	18.4	0.0	36.3



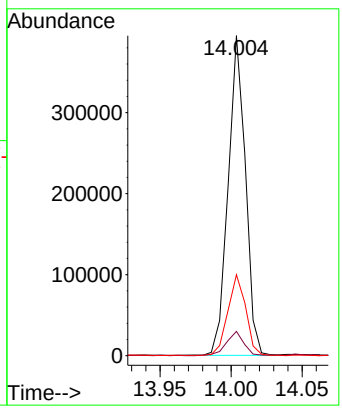


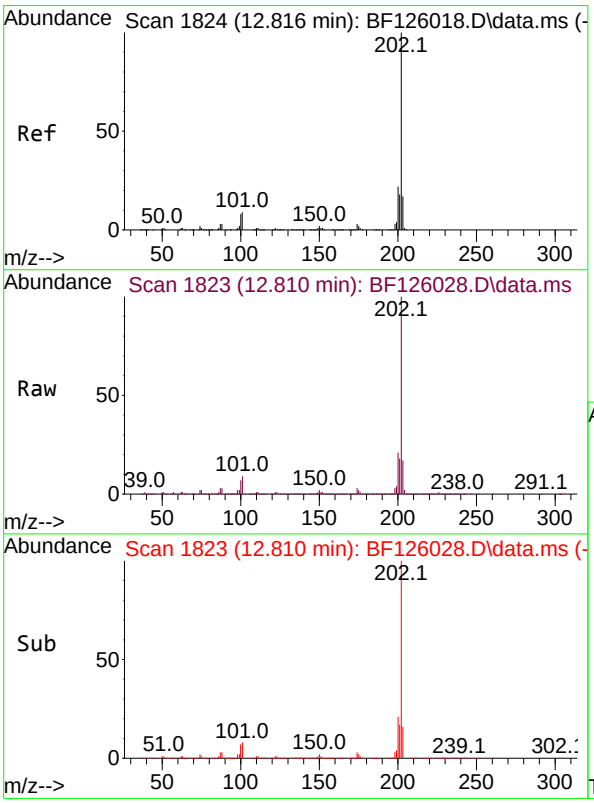
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:240 Resp: 334716

Ion	Ratio	Lower	Upper
240	100		
120	7.6	10.8	16.2#
236	25.3	21.6	32.4

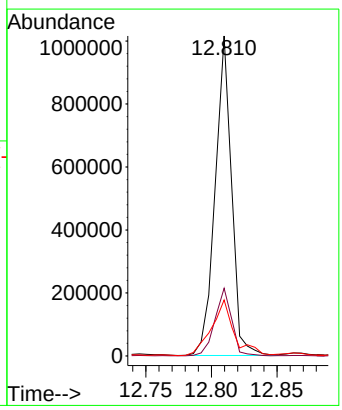


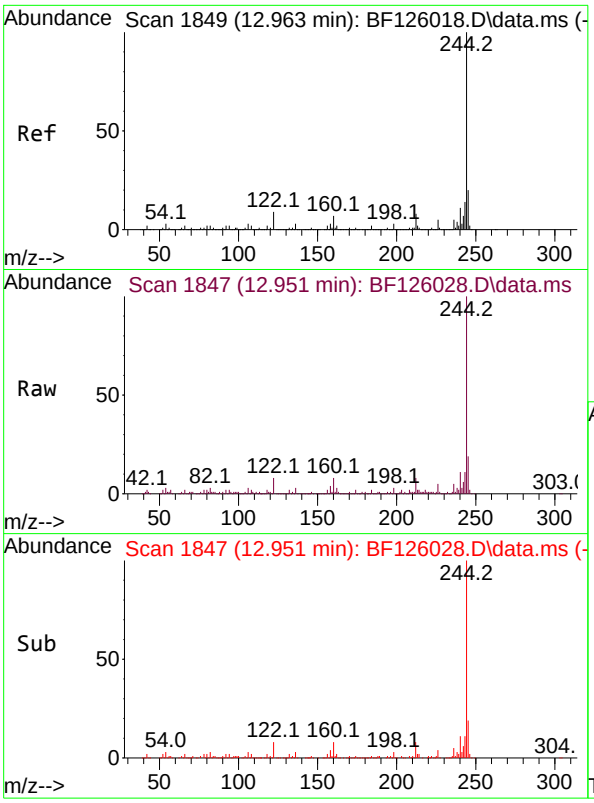


#78
Pyrene
Concen: 32.982 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:202 Resp: 885328

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.3	22.9
203	17.5	13.4	20.0



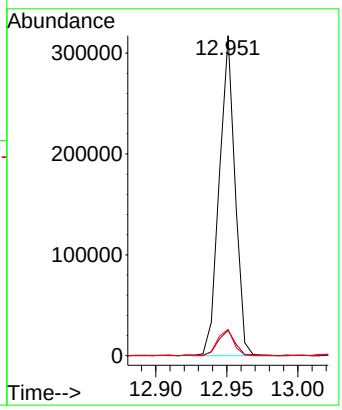


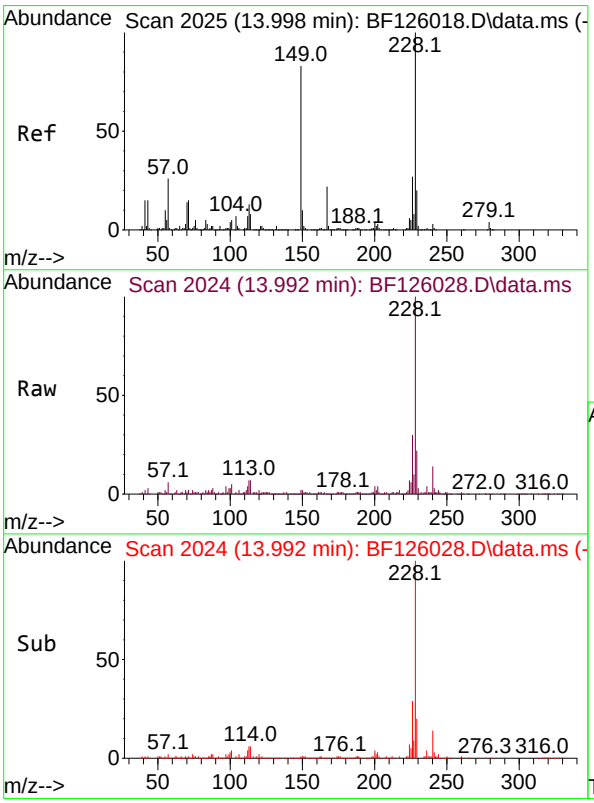
#79
Terphenyl-d14
Concen: 11.792 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:244 Resp: 244776

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	8.2	9.0	13.4#

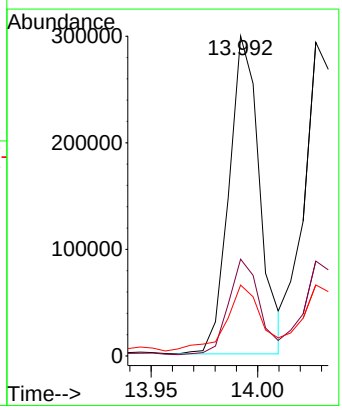


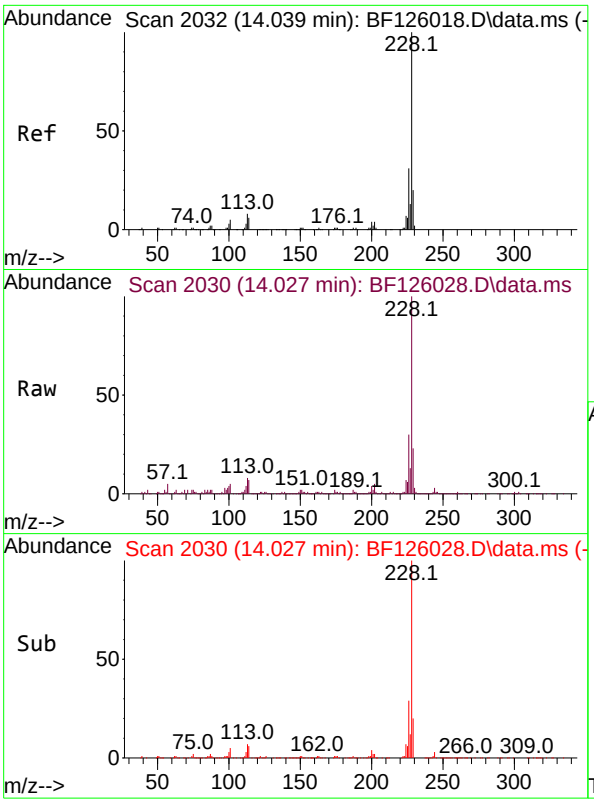


#81
Benzo(a)anthracene
Concen: 13.020 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:228 Resp: 299382

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.6	32.4
229	22.1	15.6	23.4



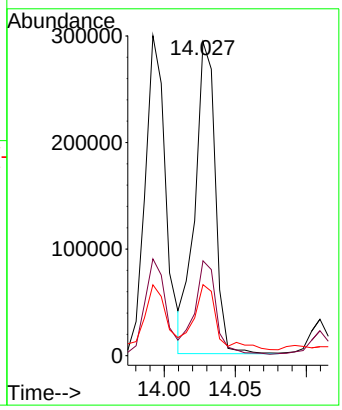


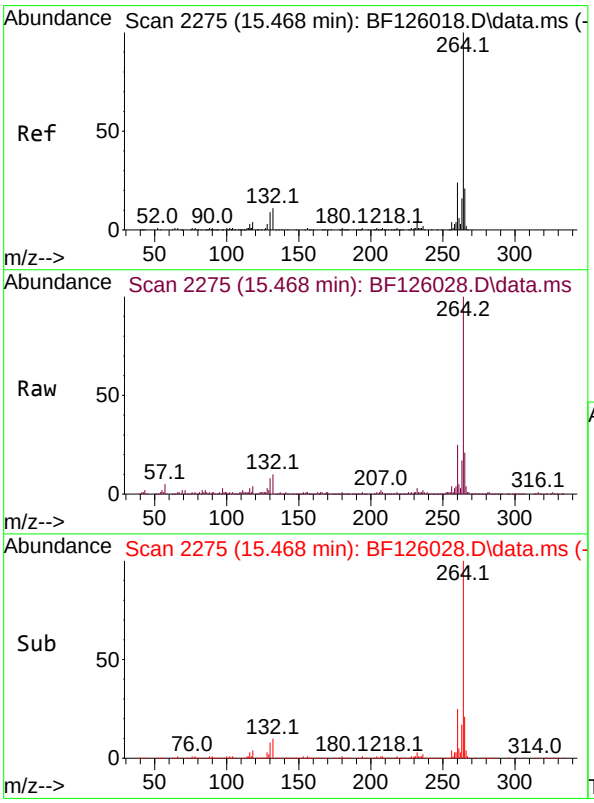
#83
Chrysene
Concen: 13.640 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:228 Resp: 291834

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	34.0
229	22.6	15.9	23.9

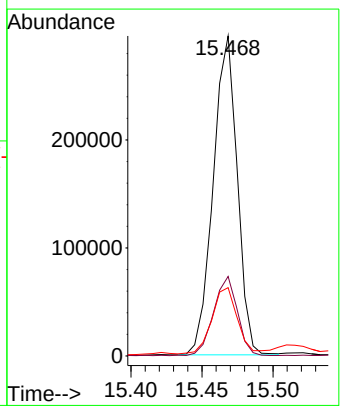


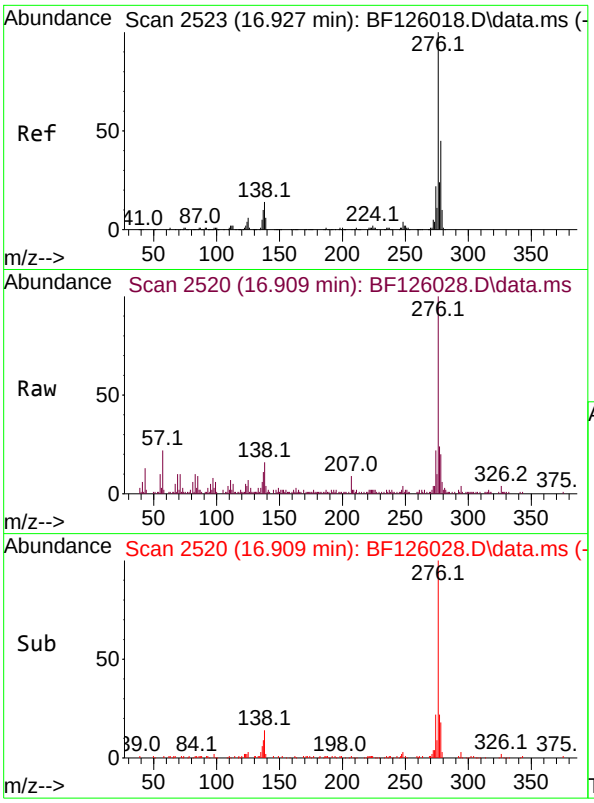


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:264 Resp: 348071

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.3	17.2	25.8



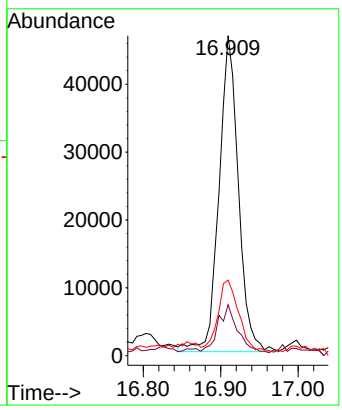


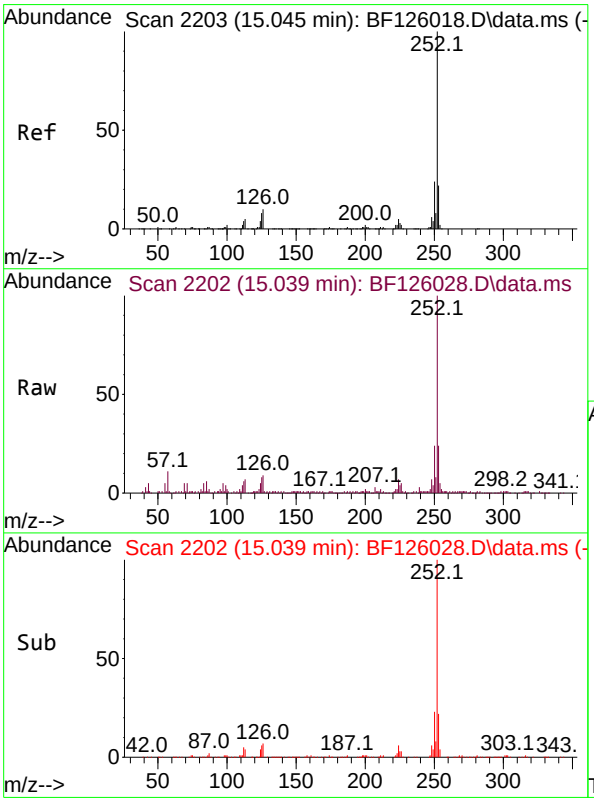
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.947 ng
RT: 16.909 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:276 Resp: 81309

Ion	Ratio	Lower	Upper
276	100		
138	15.1	24.1	36.1#
277	24.9	18.8	28.2

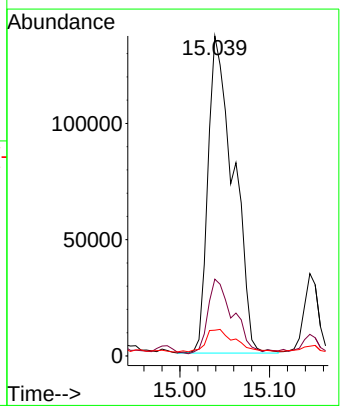


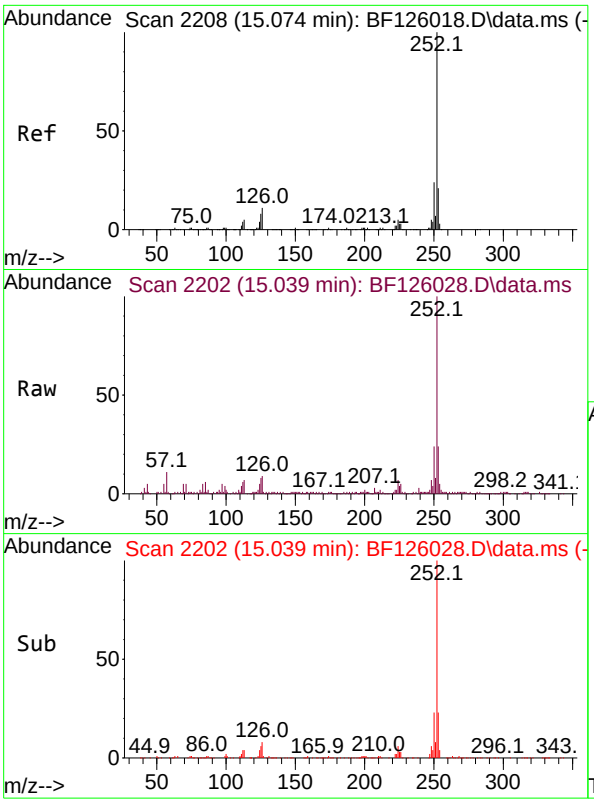


#88
Benzo(b)fluoranthene
Concen: 11.929 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:252 Resp: 270074

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.8	25.2
125	8.0	9.8	14.8#



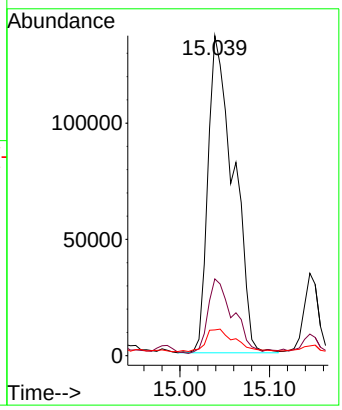


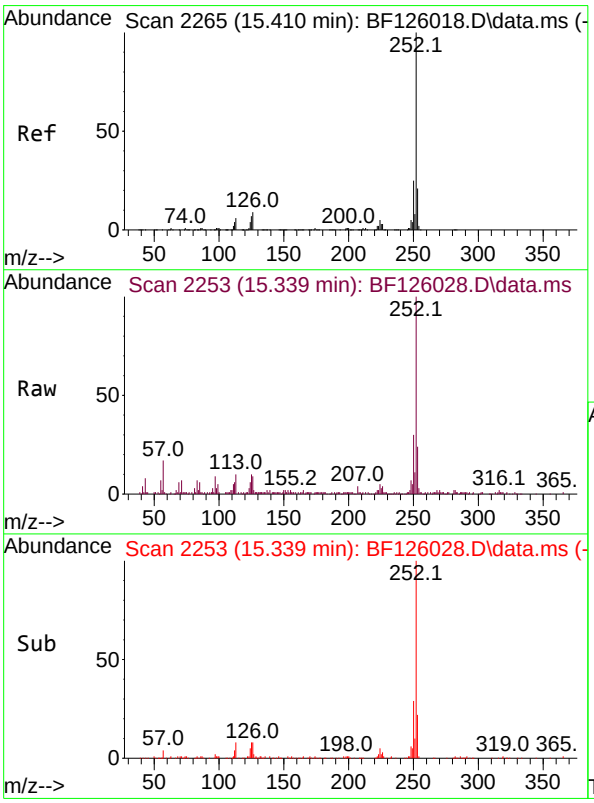
#89
Benzo(k)fluoranthene
Concen: 12.297 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:252 Resp: 270074

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	8.0	7.2	10.8

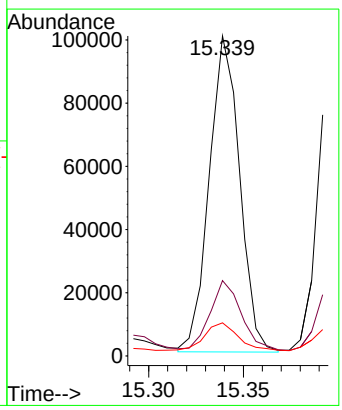


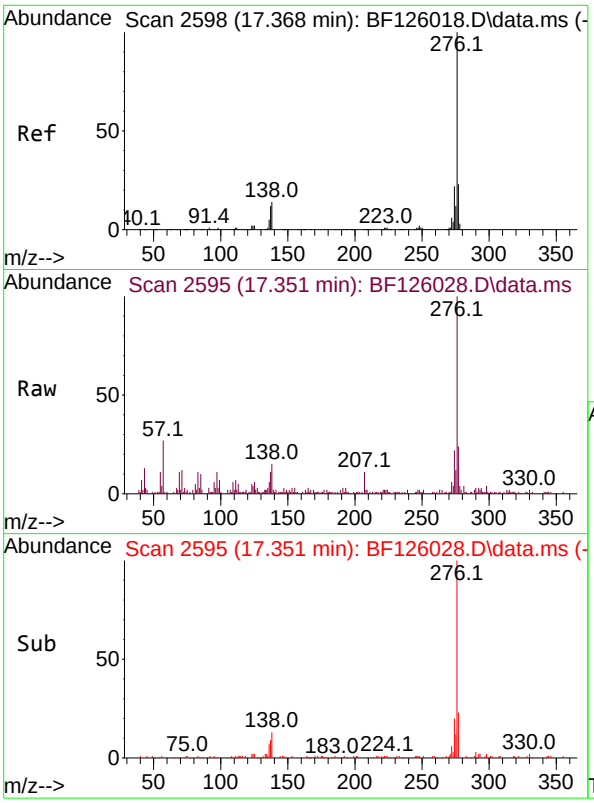


#90
Benzo(a)pyrene
Concen: 6.268 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.071 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Tgt Ion:252 Resp: 111808

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.3	9.9	14.9





#92
Benzo(g,h,i)perylene
Concen: 4.856 ng
RT: 17.351 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF126028.D
Acq: 3 Nov 2021 19:52

Instrument :
BNA_F
ClientSampleId :
MH-HHS

Tgt Ion:276 Resp: 78804

Ion	Ratio	Lower	Upper
276	100		
277	24.1	22.0	33.0
138	14.9	22.2	33.4#