Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22-31

Quant Time: Sep 16 01:04:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205751	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	751482	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	385958	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	707066	20.00	ng		0.00
76) Chrysene-d12	13.99	240	455581	20.00	ng		0.00
86) Perylene-d12	15.44	264	449980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	434249	31.37	ng		0.00
7) Phenol-d6	6.47	99	565496	31.13	ng		0.00
23) Nitrobenzene-d5	7.39	82	357892	25.57	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	140190	29.22	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	610065	23.94	ng		0.00
79) Terphenyl-d14	12.93	244	549336	24.43	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	7.74	139	3901	3.078	ng	#	1
32) Benzoic acid	7.91	122	3788	7.281	ng	#	28
50) Dimethylphthalate	9.58	163	60371	2.158	ng	#	90
54) 2,4-Dinitrophenol	10.07	184	113	9.077	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.48	198	112	6.874	ng	#	1
71) Phenanthrene	11.37	178	83049	2.156	ng		98
75) Fluoranthene	12.56	202	186921	4.545	ng		98
78) Pyrene	12.79	202	179719	5.399	ng		96
81) Benzo(a)anthracene	13.97	228	80988	2.810	ng		98
83) Chrysene	14.01	228	73889	2.532	ng		97
88) Benzo(b)fluoranthene	15.02	252	121091	4.025	ng	#	88
89) Benzo(k)fluoranthene	15.02	252	121091	4.396	ng	#	89
90) Benzo(a)pyrene	15.38	252	62870	2.459	ng	#	87

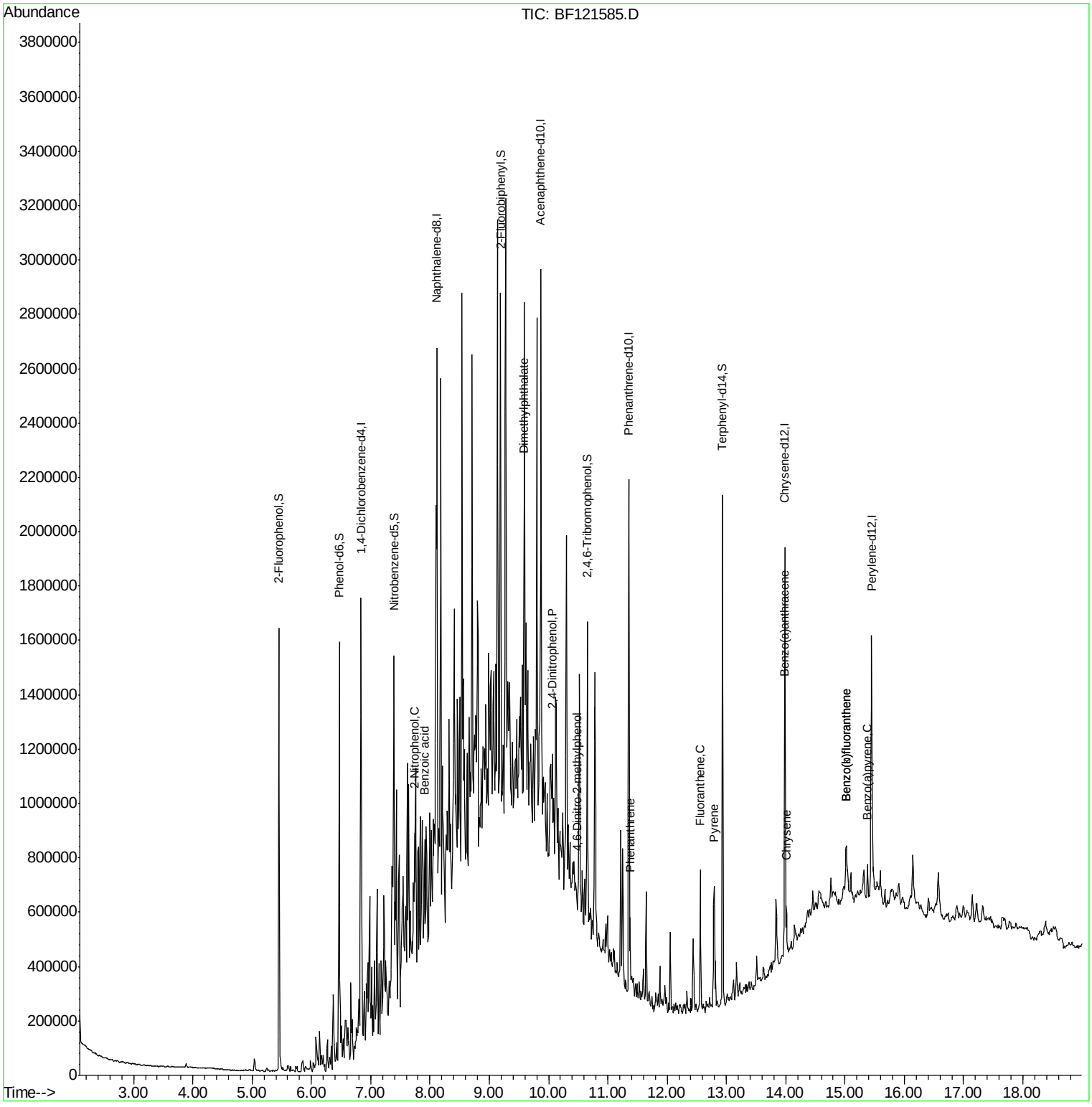
(#) = qualifier out of range (m) = manual integration (+) = signals summed

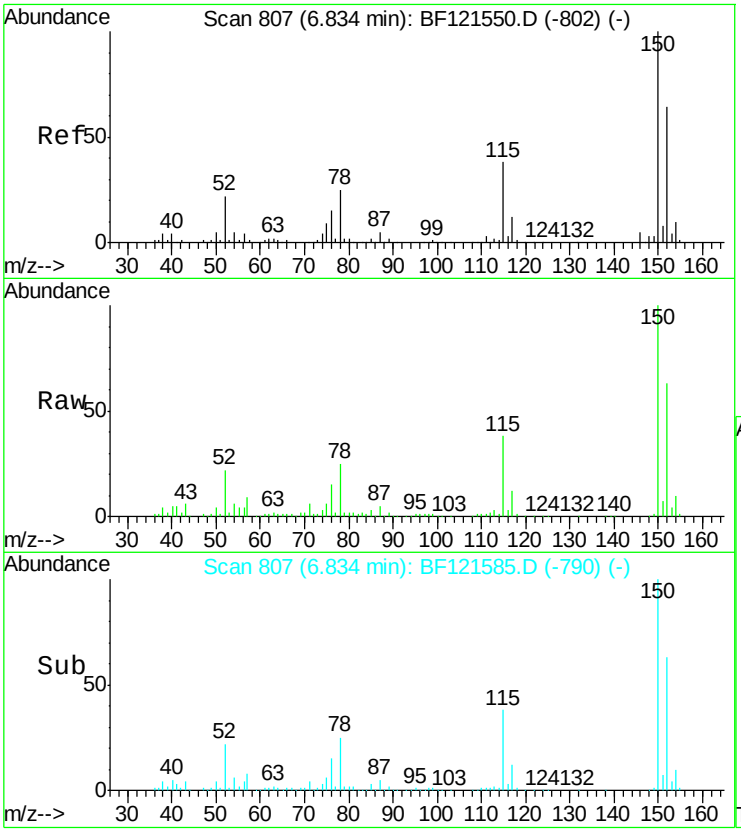
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121585.D
Acq On : 15 Sep 2020 19:03
Operator : JU/CG
Sample : L4005-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22-31

Quant Time: Sep 16 01:04:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



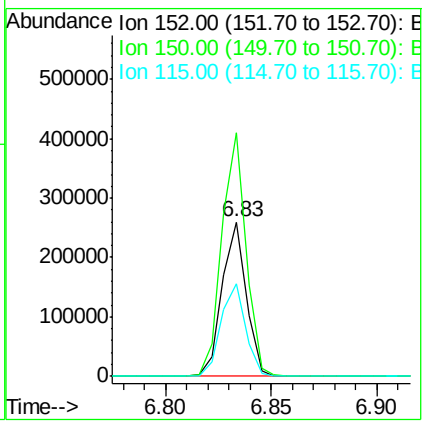


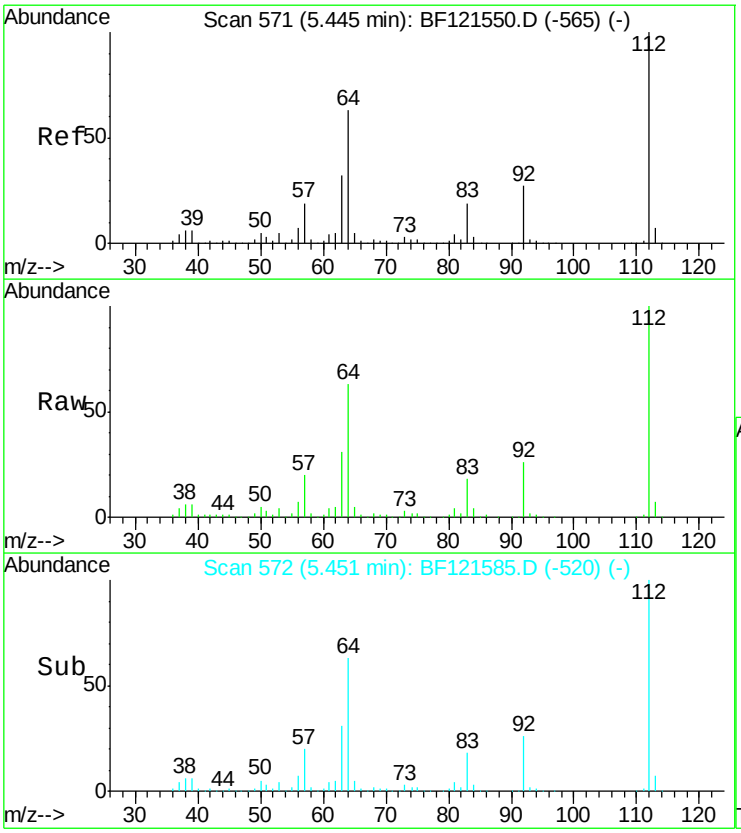
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:152 Resp: 205751

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.8	188.6
115	60.1	47.8	71.8

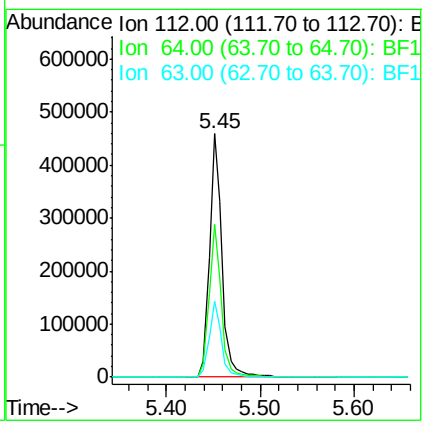


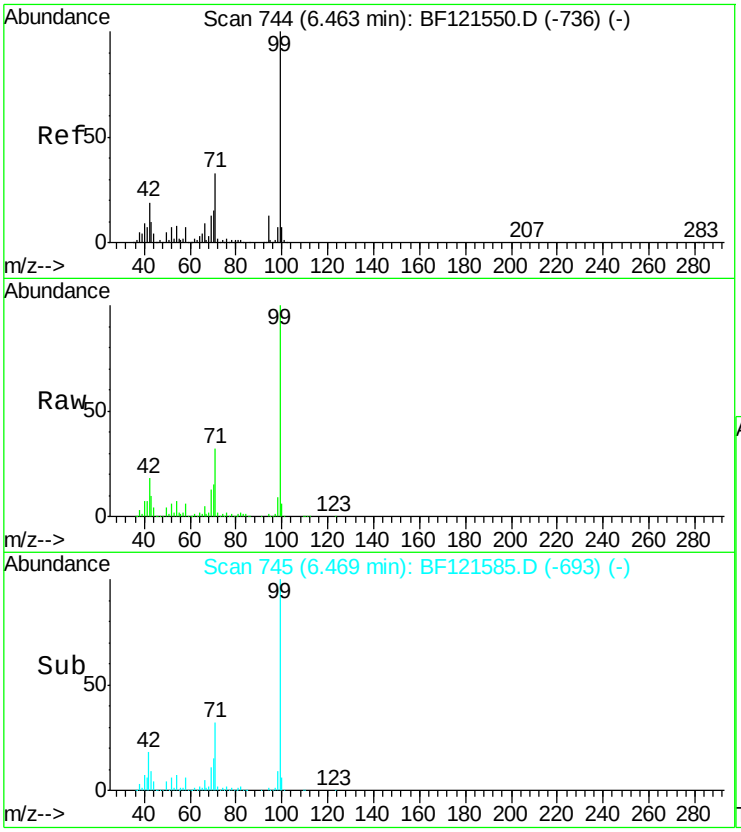


#5
2-Fluorophenol
Concen: 31.366 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:112 Resp: 434249

Ion	Ratio	Lower	Upper
112	100		
64	62.7	50.3	75.5
63	31.2	25.6	38.4



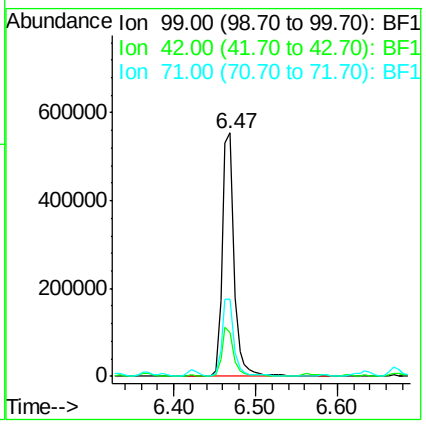


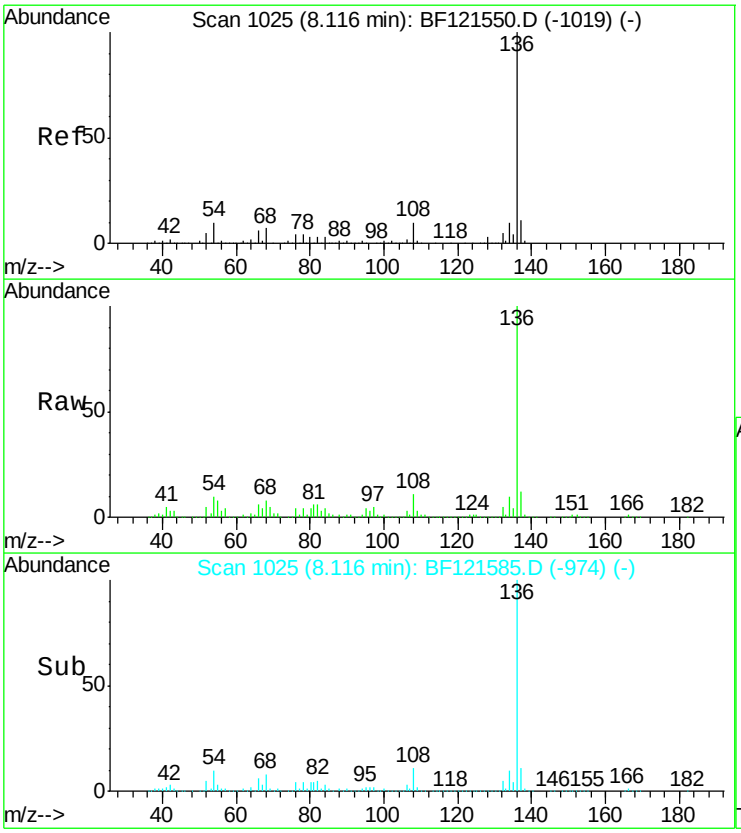
#7
Phenol-d6
Concen: 31.134 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion: 99 Resp: 565496

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	32.0	26.1	39.1

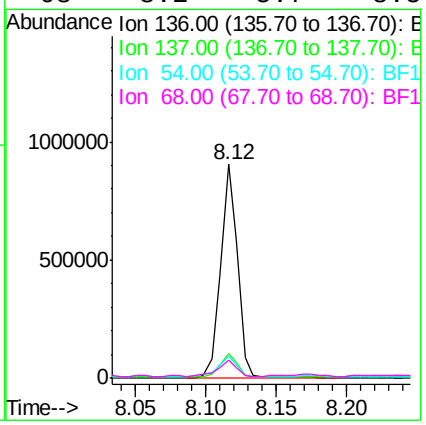


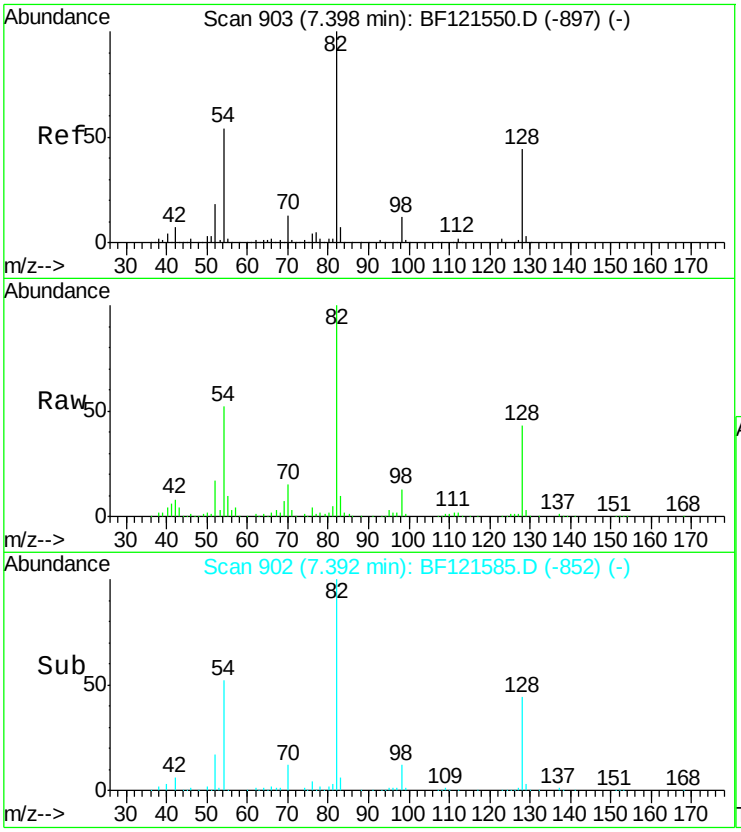


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:136 Resp: 751482

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.4	7.6	11.4
68	8.2	5.7	8.5



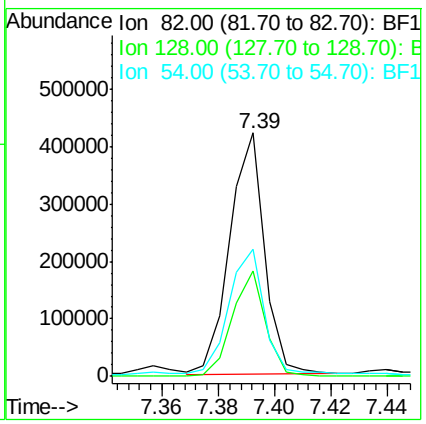


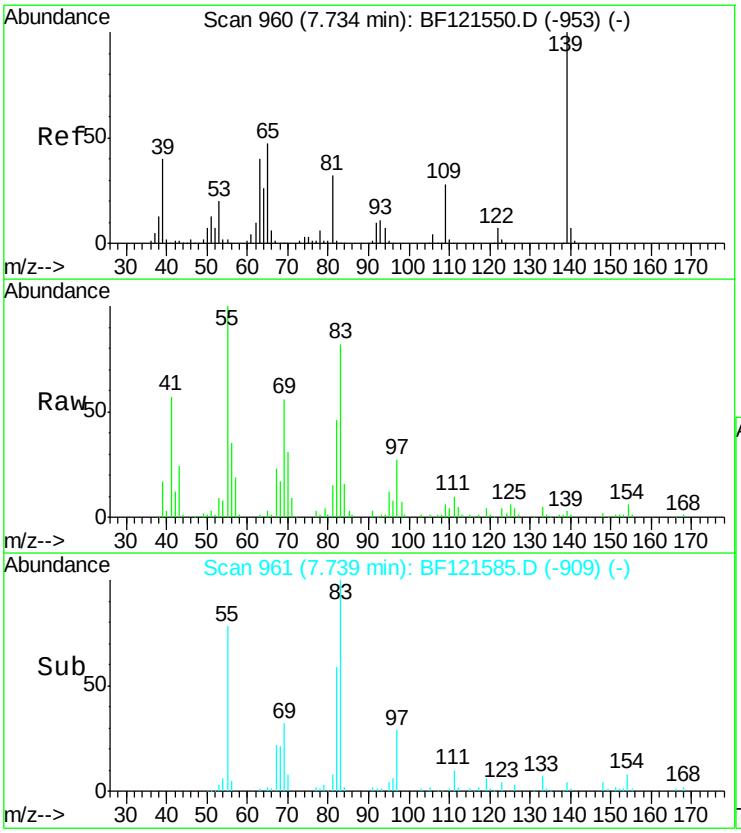
#23
Nitrobenzene-d5
Concen: 25.571 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion: 82 Resp: 357892

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.1	52.7
54	52.1	43.0	64.6

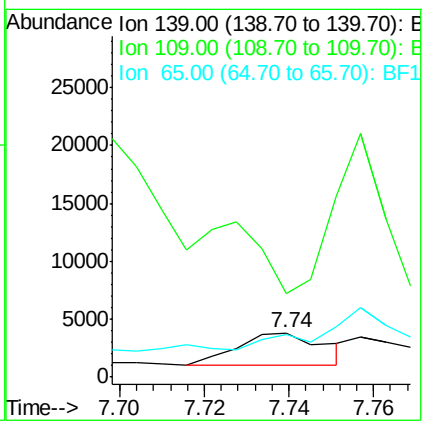


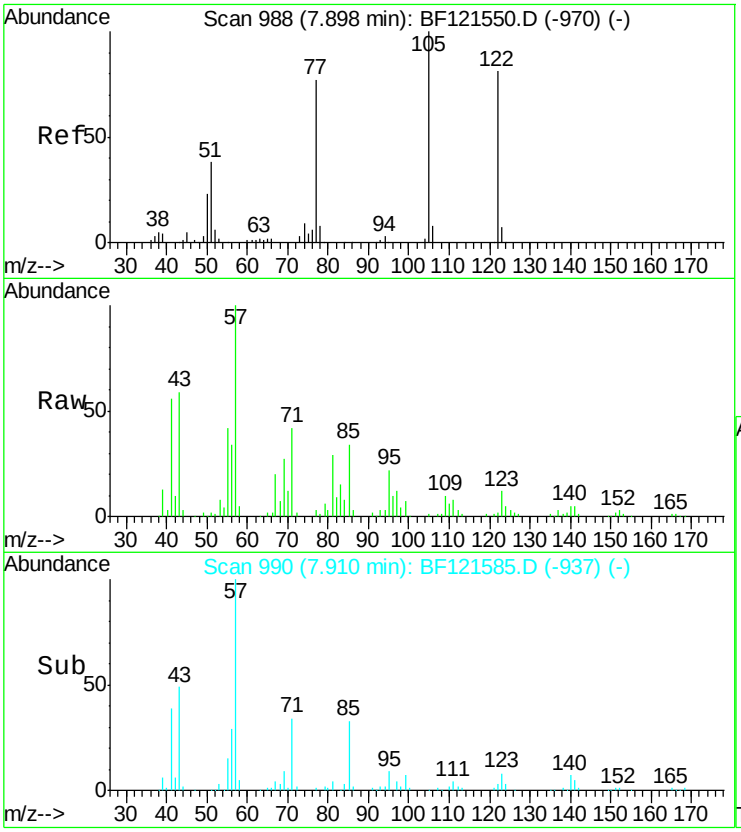


#26
2-Nitrophenol
Concen: 3.078 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:139 Resp: 3901

Ion	Ratio	Lower	Upper
139	100		
109	189.3	22.4	33.6#
65	96.3	37.6	56.4#



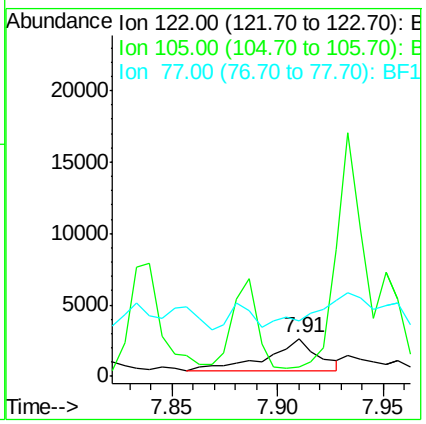


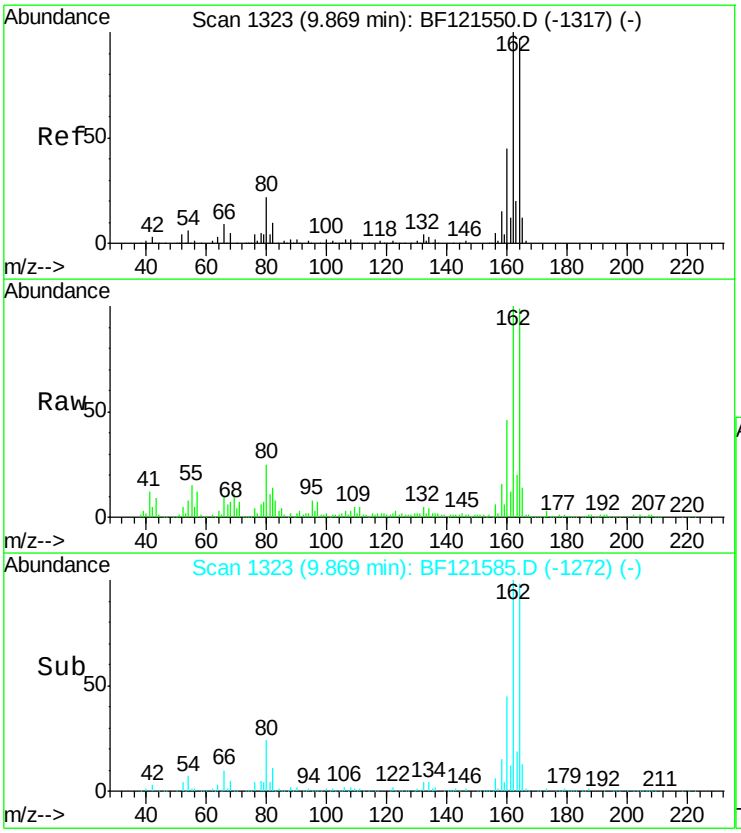
#32
Benzoic acid
Concen: 7.281 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:122 Resp: 3788

Ion	Ratio	Lower	Upper
122	100		
105	26.0	100.5	140.5#
77	146.1	72.6	112.6#

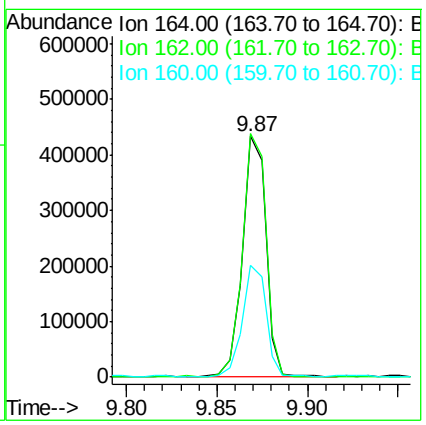


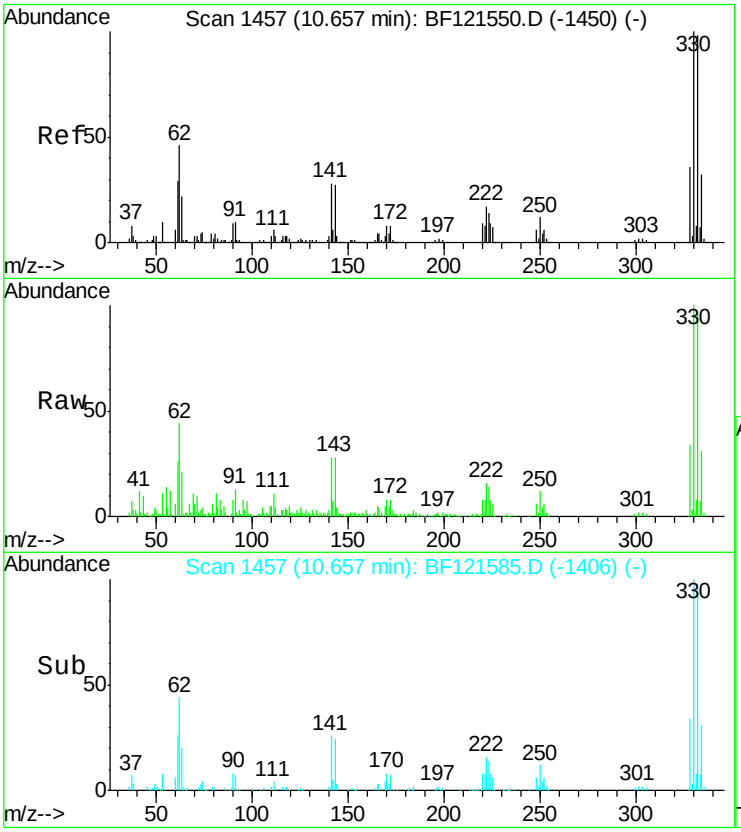


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:164 Resp: 385958

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.3	123.5
160	46.3	37.0	55.4



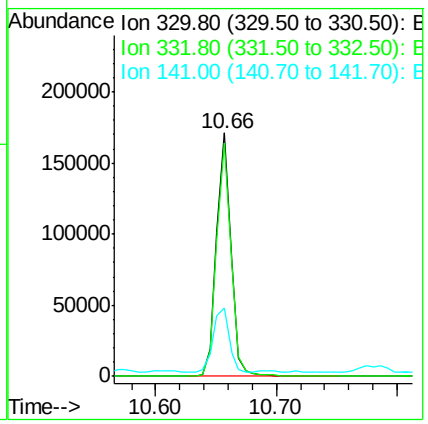


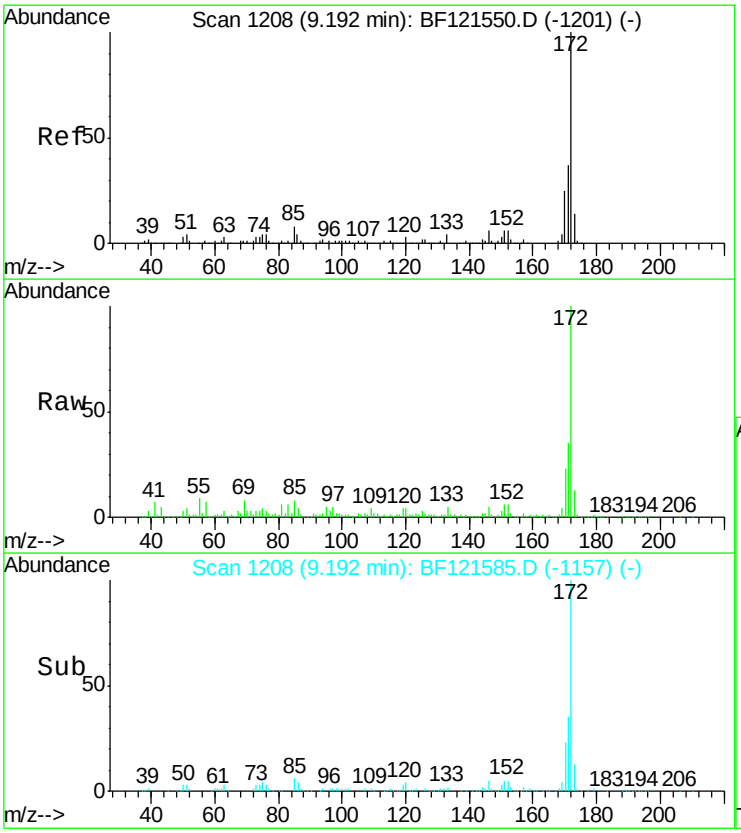
#42
2,4,6-Tribromophenol
Concen: 29.225 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:330 Resp: 140190

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	29.6	23.6	35.4

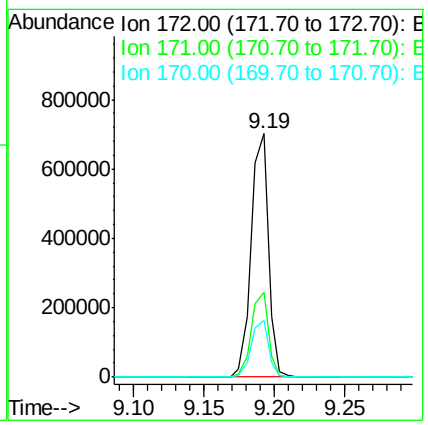


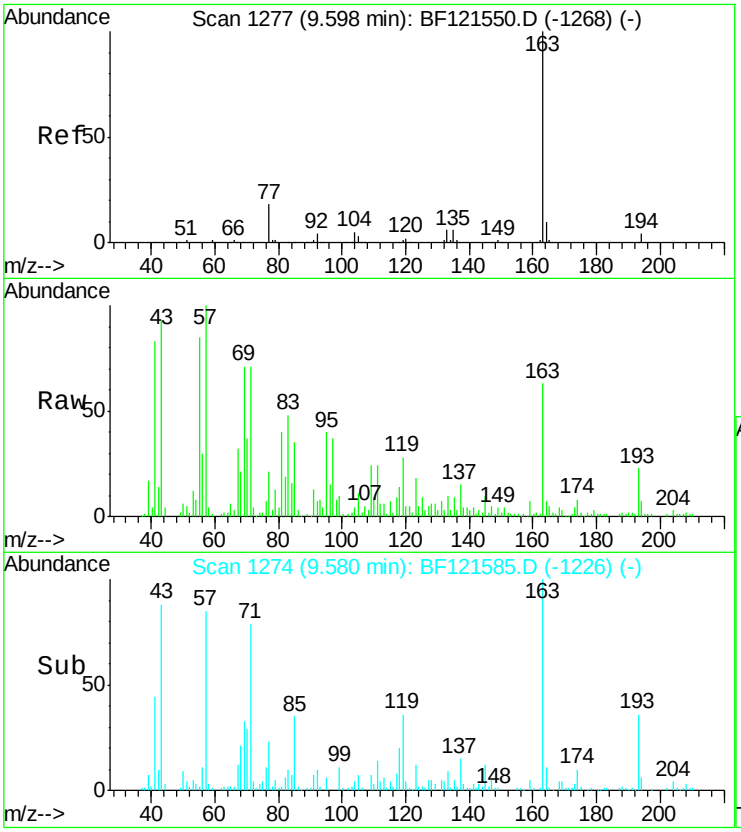


#45
2-Fluorobiphenyl
Concen: 23.939 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:172 Resp: 610065

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	23.3	19.8	29.8



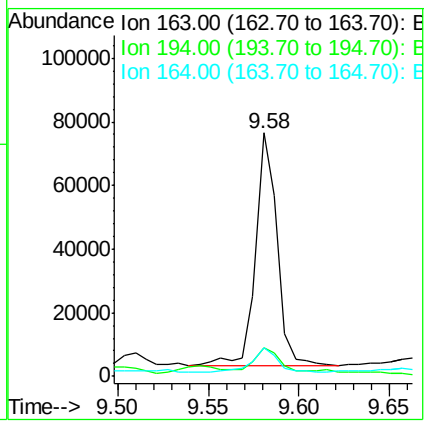


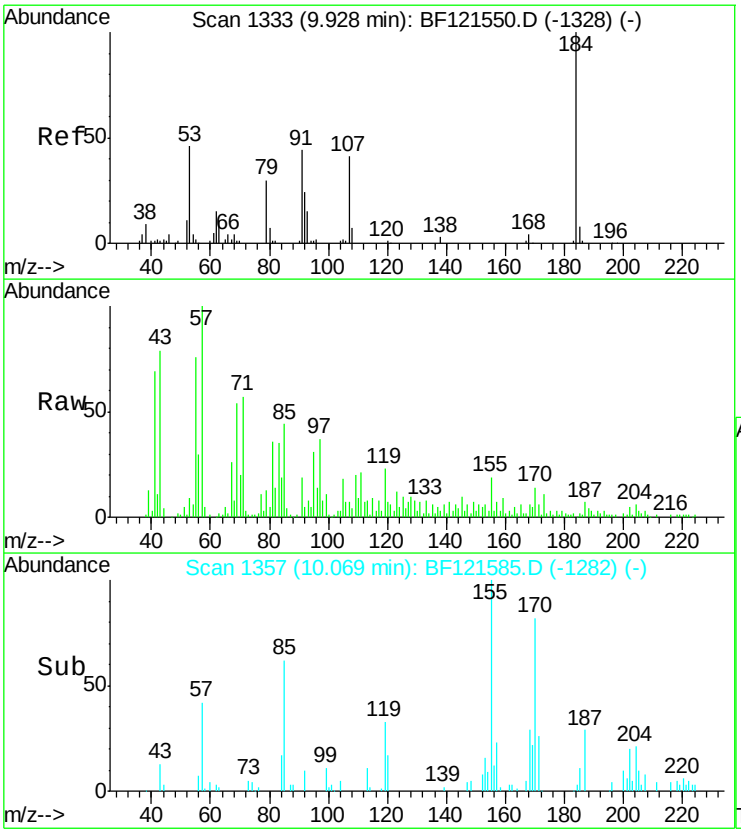
#50
Dimethylphthalate
Concen: 2.158 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:163 Resp: 60371

Ion	Ratio	Lower	Upper
163	100		
194	11.7	3.4	5.0#
164	11.6	7.9	11.9

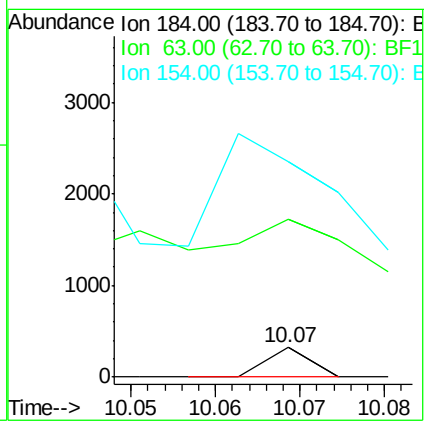


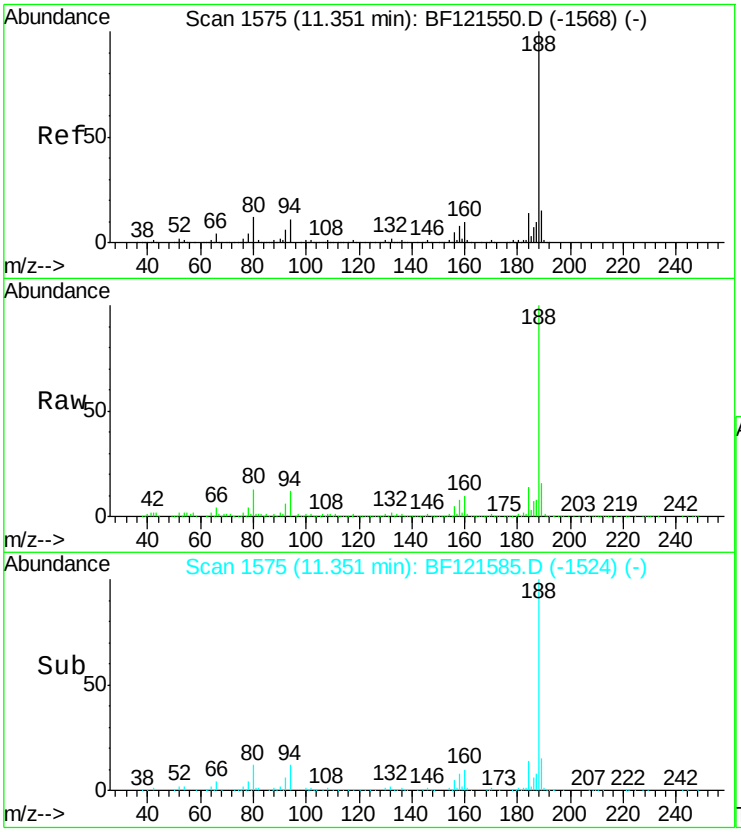


#54
2,4-Dinitrophenol
Concen: 9.077 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.14 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
63	539.1	47.7	71.5#
154	735.3	47.2	70.8#



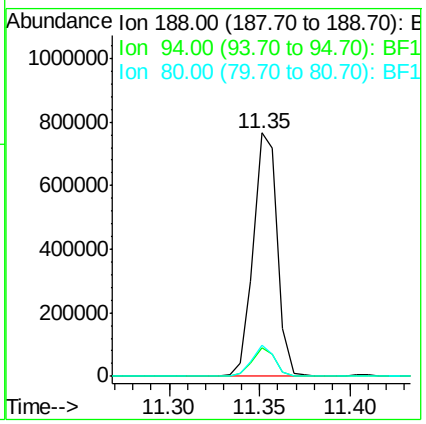


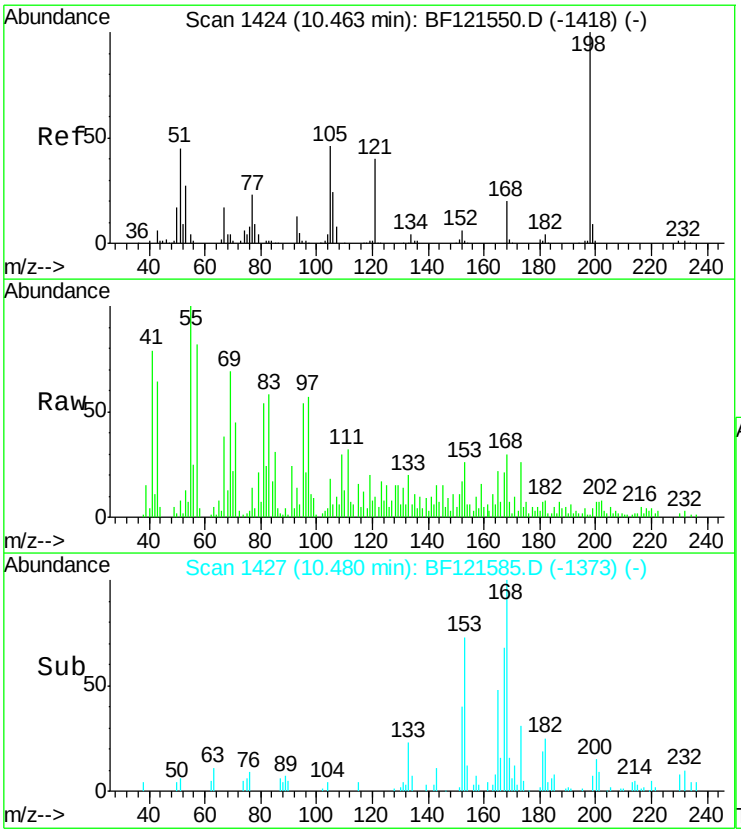
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:188 Resp: 707066

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.7	13.1
80	12.5	9.3	13.9

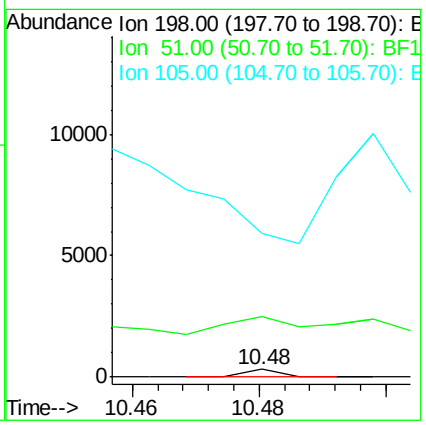


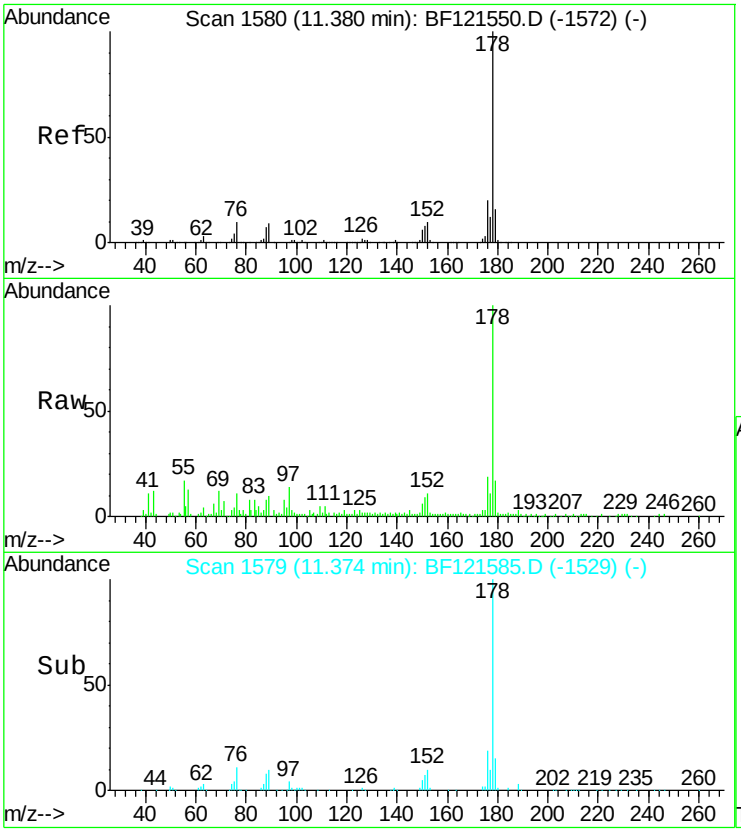


#65
4,6-Dinitro-2-methylphenol
Concen: 6.874 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	779.9	31.1	71.1#
105	1866.4	26.6	66.6#



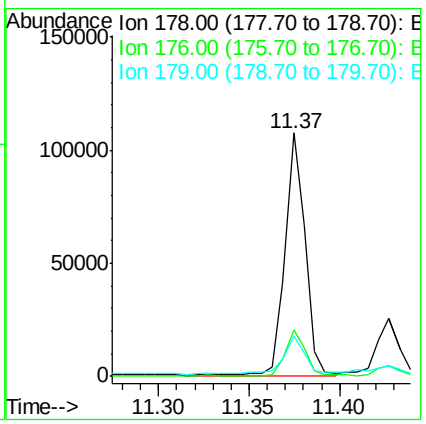


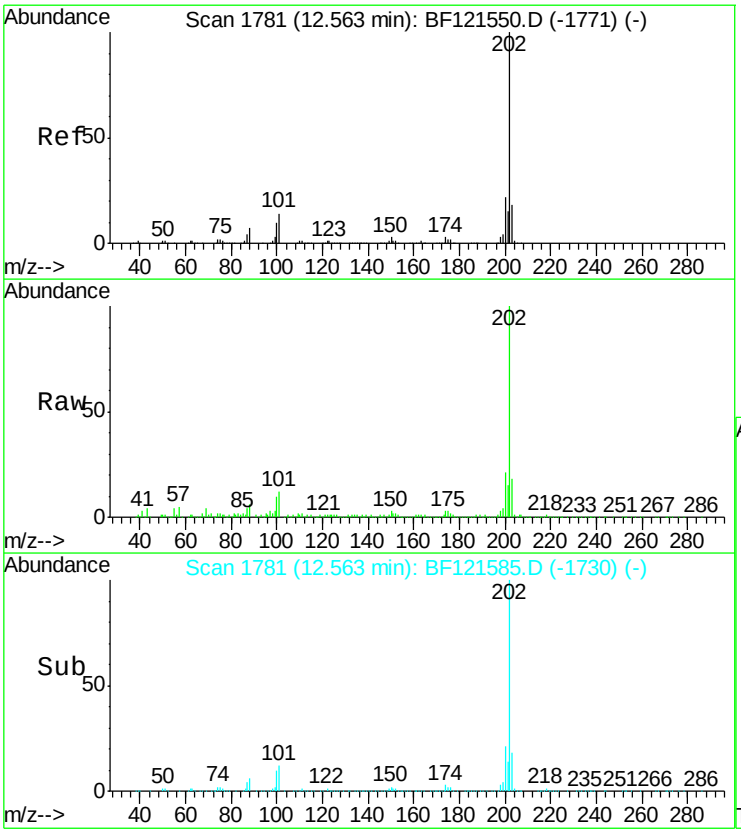
#71
Phenanthrene
Concen: 2.156 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:178 Resp: 83049

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.6	12.6	19.0

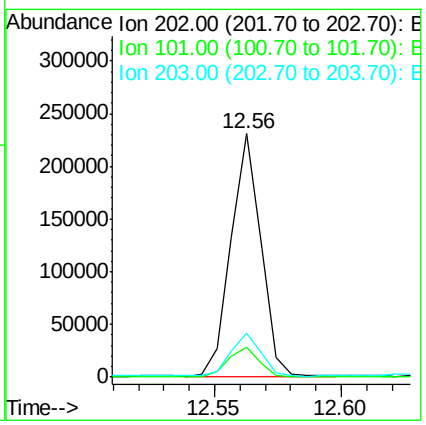


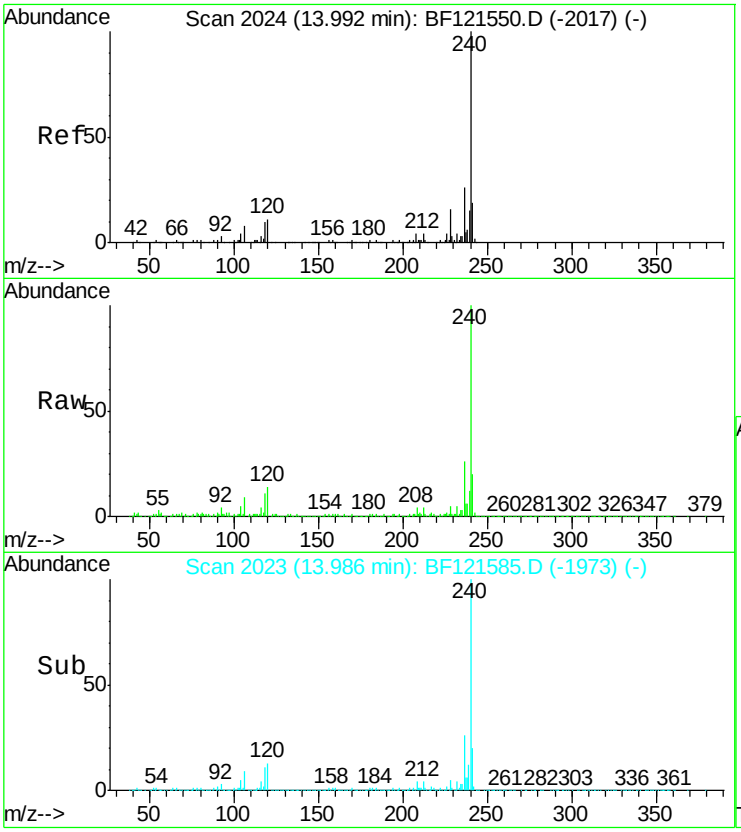


#75
Fluoranthene
Concen: 4.545 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:202 Resp: 186921

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.0
203	17.9	0.0	38.2



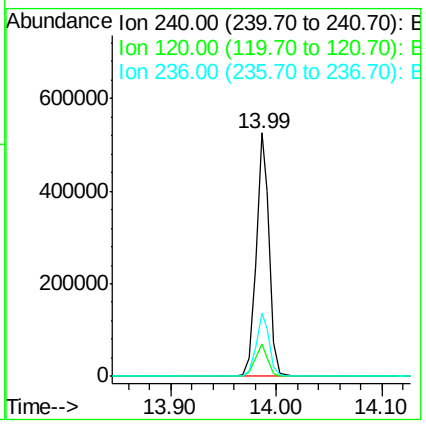


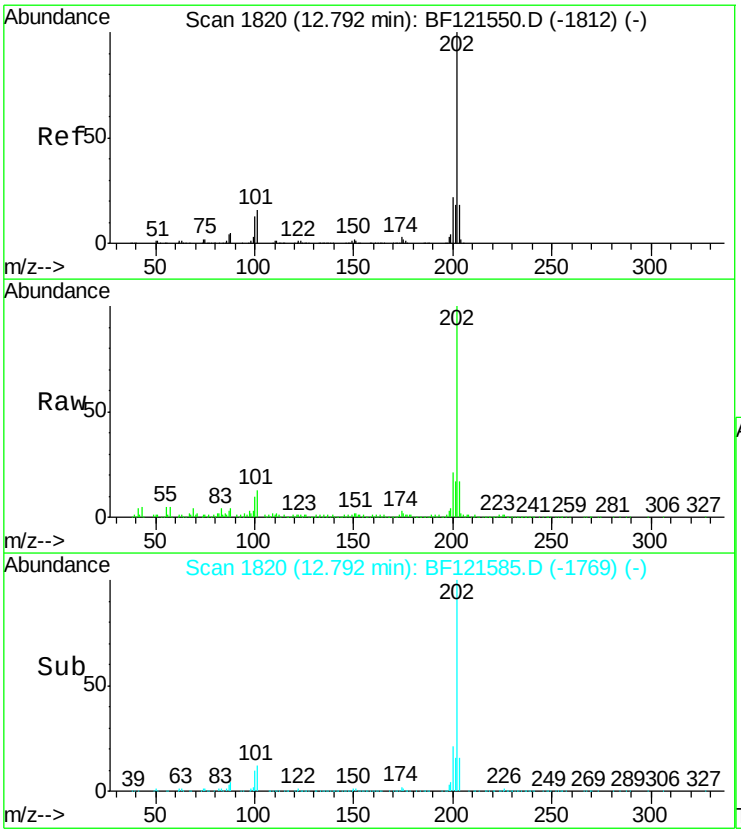
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:240 Resp: 455581

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.2	13.8
236	25.8	20.5	30.7

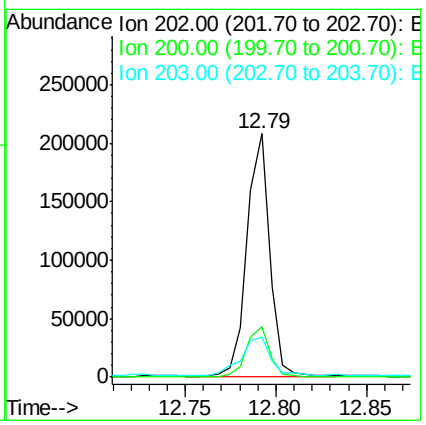


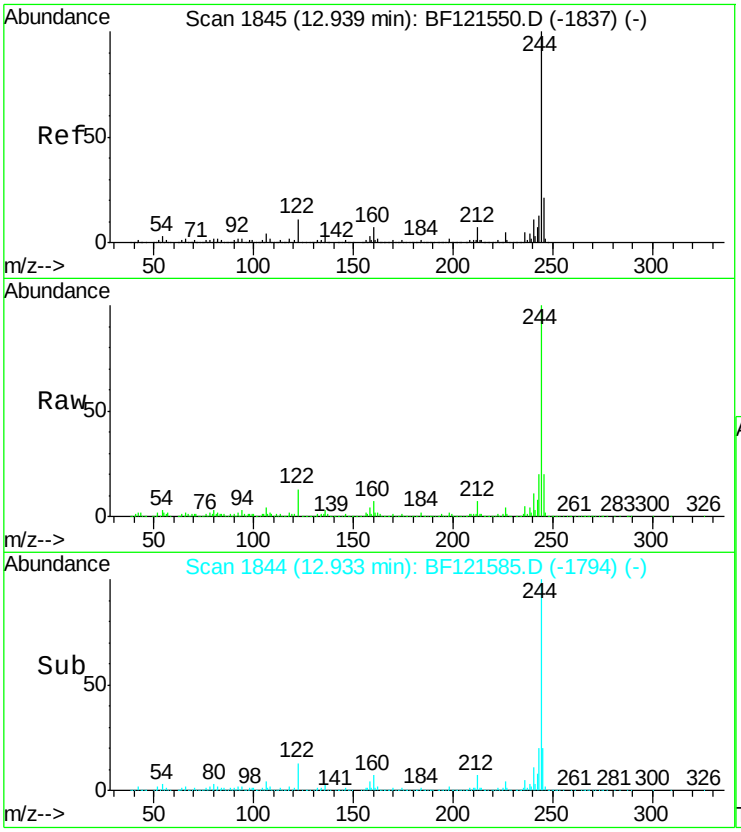


#78
Pyrene
Concen: 5.399 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:202 Resp: 179719

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.8
203	16.7	14.6	22.0



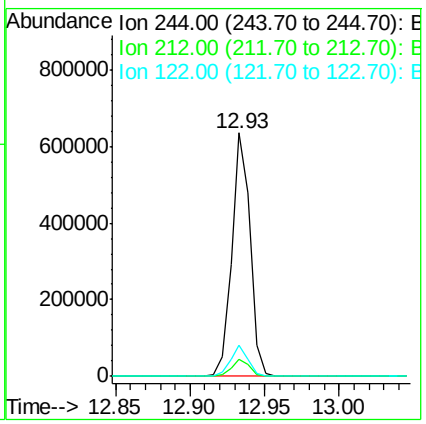


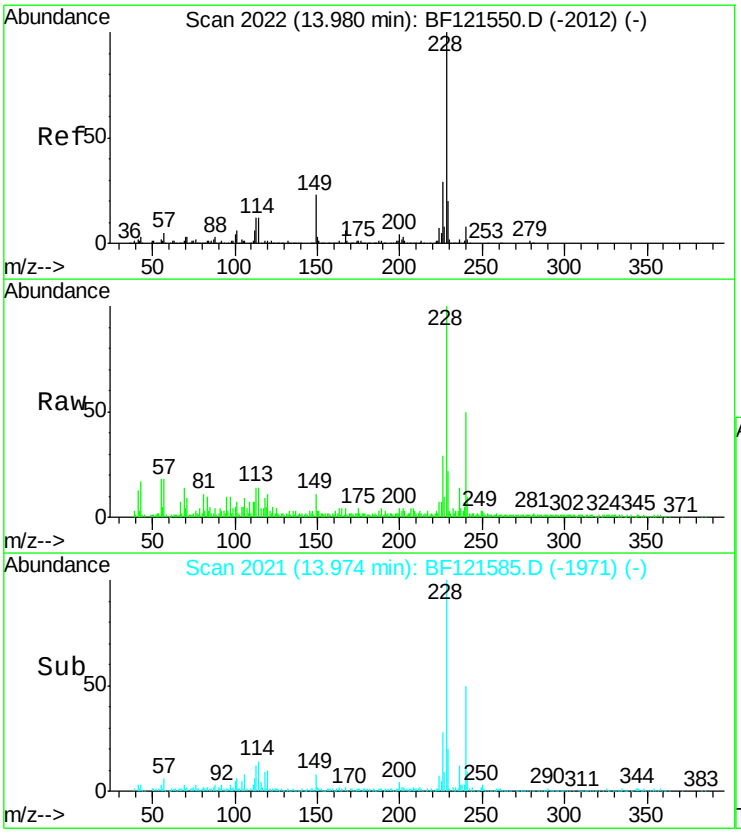
#79
Terphenyl-d14
Concen: 24.428 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:244 Resp: 549336

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.7	8.7	13.1

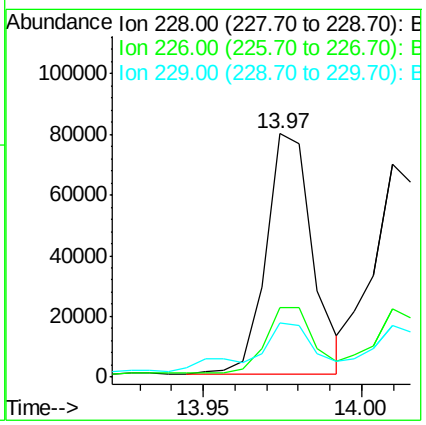


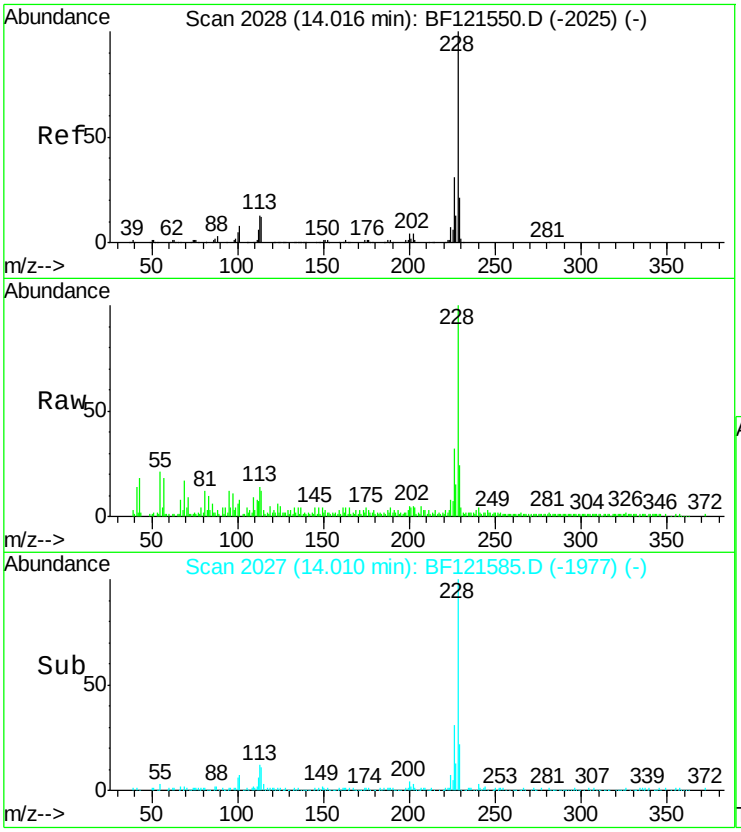


#81
Benzo(a)anthracene
Concen: 2.810 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:228 Resp: 80988

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.9	34.3
229	22.0	16.3	24.5



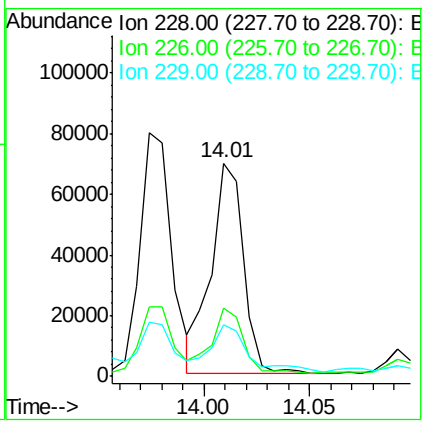


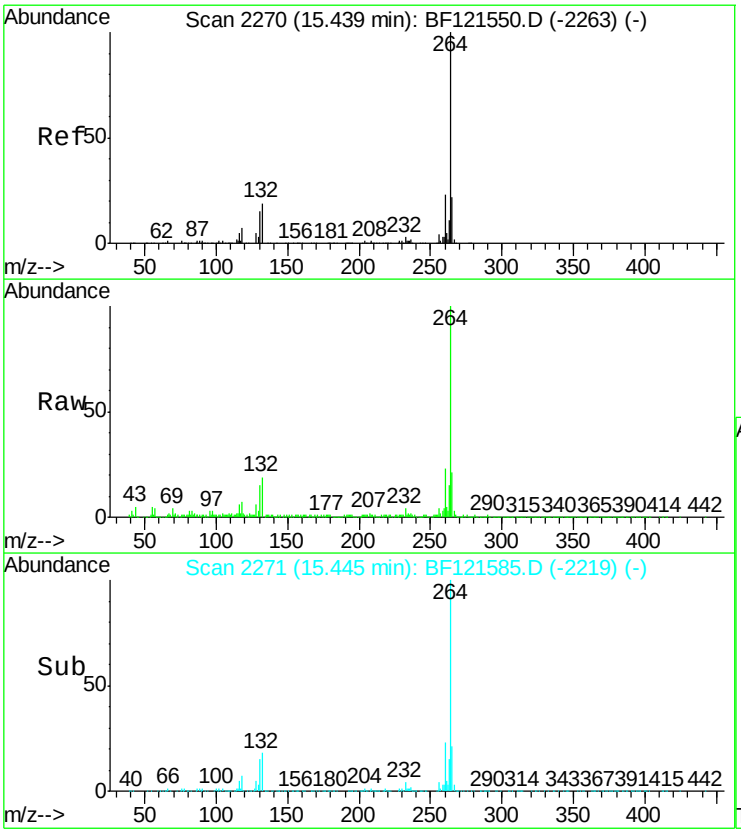
#83
Chrysene
Concen: 2.532 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:228 Resp: 73889

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.1	37.7
229	24.3	16.6	25.0

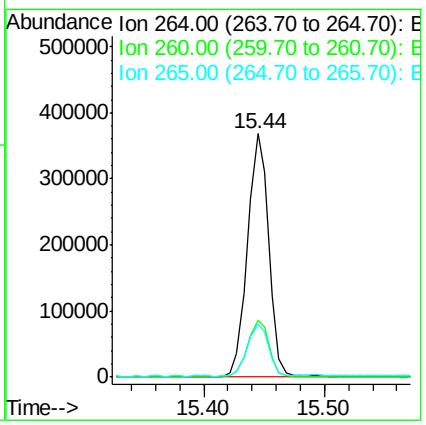


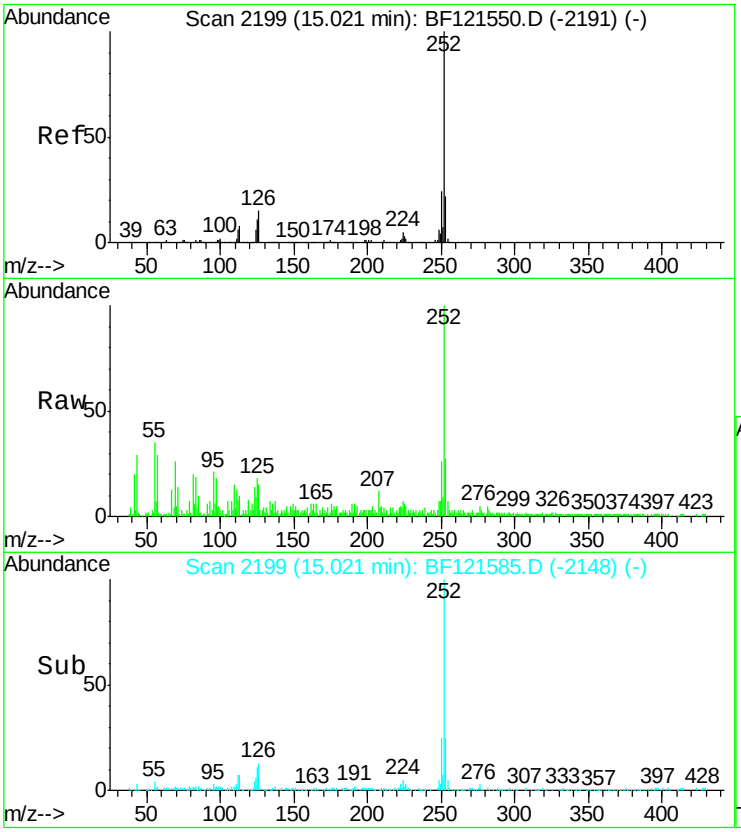


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:264 Resp: 449980

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.5	17.8	26.6



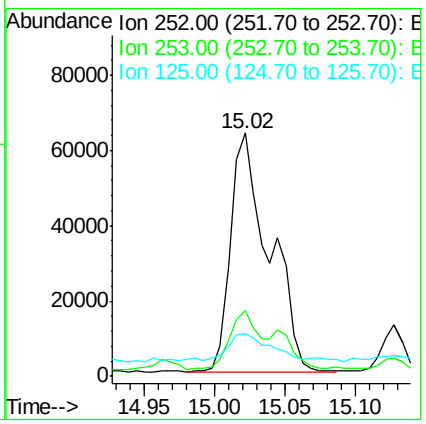


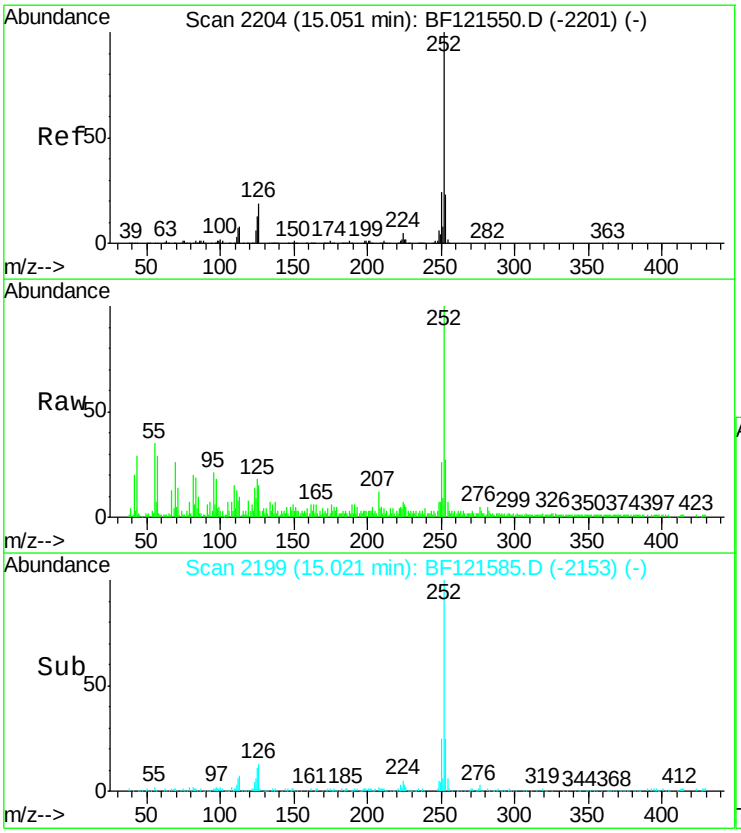
#88
Benzo(b)fluoranthene
Concen: 4.025 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:252 Resp: 121091

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	17.5	9.2	13.8#

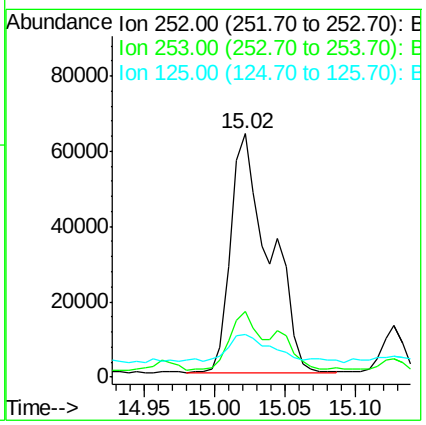


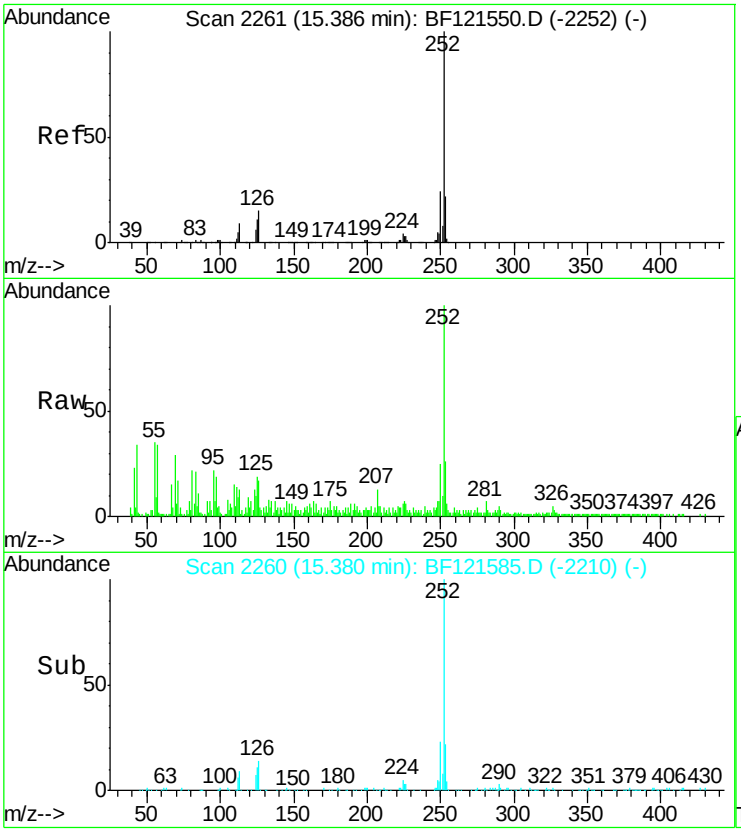


#89
Benzo(k)fluoranthene
Concen: 4.396 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Tgt Ion:252 Resp: 121091

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.8#
125	17.5	9.8	14.6#





#90
Benzo(a)pyrene
Concen: 2.459 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121585.D
Acq: 15 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
22-31

Tgt Ion:252 Resp: 62870

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	19.1	9.0	13.4#