Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114553.D
Acq On : 24 May 2019 4:38
Operator : JU/SJ
Sample : K2647-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 24 07:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	183842	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	700035	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	326362	20.00	ng		-0.02
64) Phenanthrene-d10	11.34	188	583732	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	404044	20.00	ng		-0.02
87) Perylene-d12	15.45	264	314626	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	585670	51.27	ng		-0.03
7) Phenol-d6	6.46	99	769770	56.97	ng		-0.03
23) Nitrobenzene-d5	7.37	82	455281	36.50	ng		-0.03
42) 2,4,6-Tribromophenol	10.64	330	164560	48.77	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	819501	37.98	ng		-0.02
79) Terphenyl-d14	12.92	244	724803	36.98	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.37	82	451485	19.516	ng	#	64
50) Dimethylphthalate	9.56	163	65113	2.718	ng		98
57) 2,4-Dinitrotoluene	9.85	165	44789	6.210	ng	#	26
71) Phenanthrene	11.36	178	267241	9.410	ng		97
72) Anthracene	11.42	178	96389	3.379	ng		94
75) Fluoranthene	12.55	202	508825	16.638	ng		98
78) Pyrene	12.78	202	470137	14.464	ng		99
81) Benzo(a)anthracene	13.97	228	225643	8.634	ng		99
83) Chrysene	14.01	228	214650	8.379	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	87633	3.871	ng		95
88) Benzo(b)fluoranthene	15.03	252	319492	15.850	ng	#	84
89) Benzo(k)fluoranthene	15.03	252	319189	17.239	ng	#	85
90) Benzo(a)pyrene	15.39	252	168179	9.480	ng	#	97
92) Benzo(g,h,i)perylene	17.38	276	86393	5.848	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
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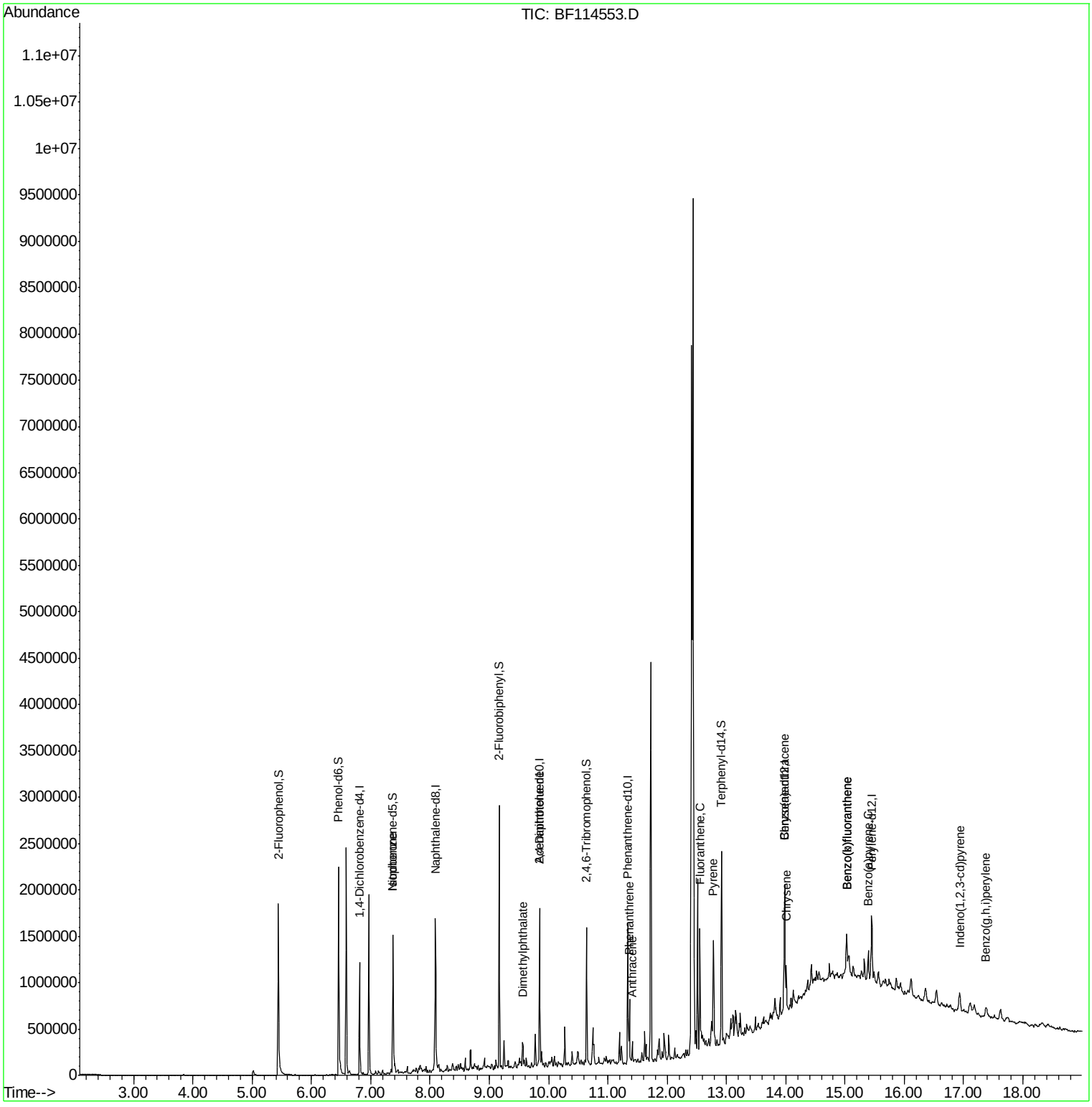
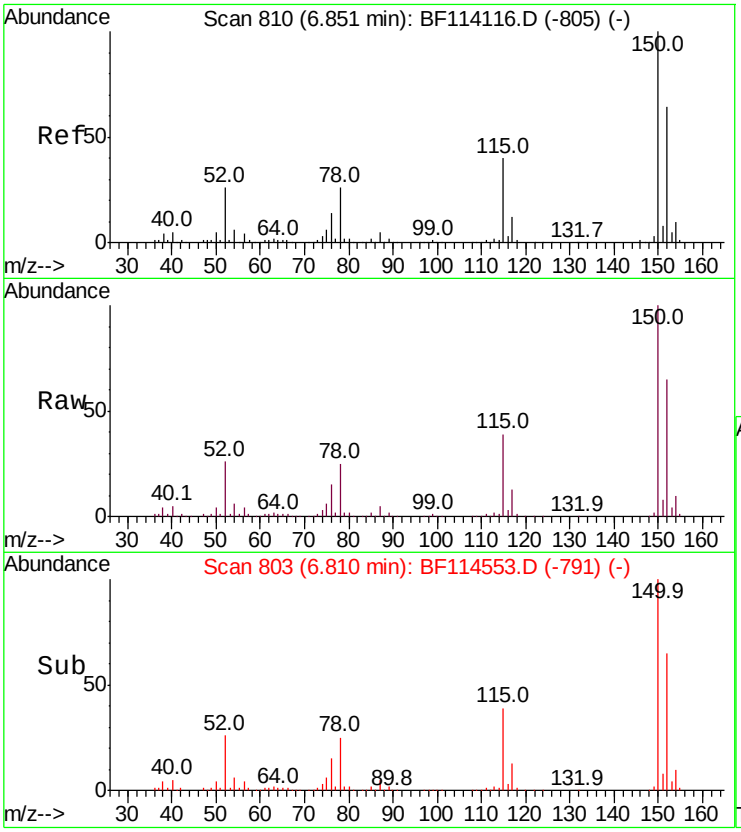
Instrument :
BNA_F
ClientSampleId :

Quant Time: May 24 07:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



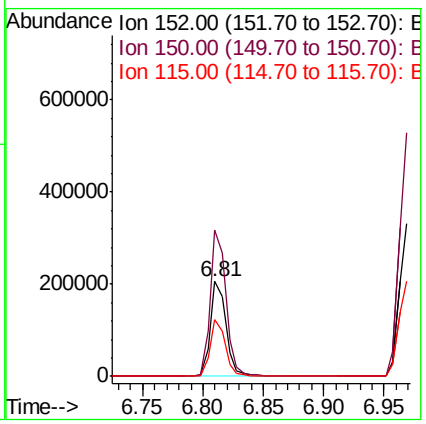


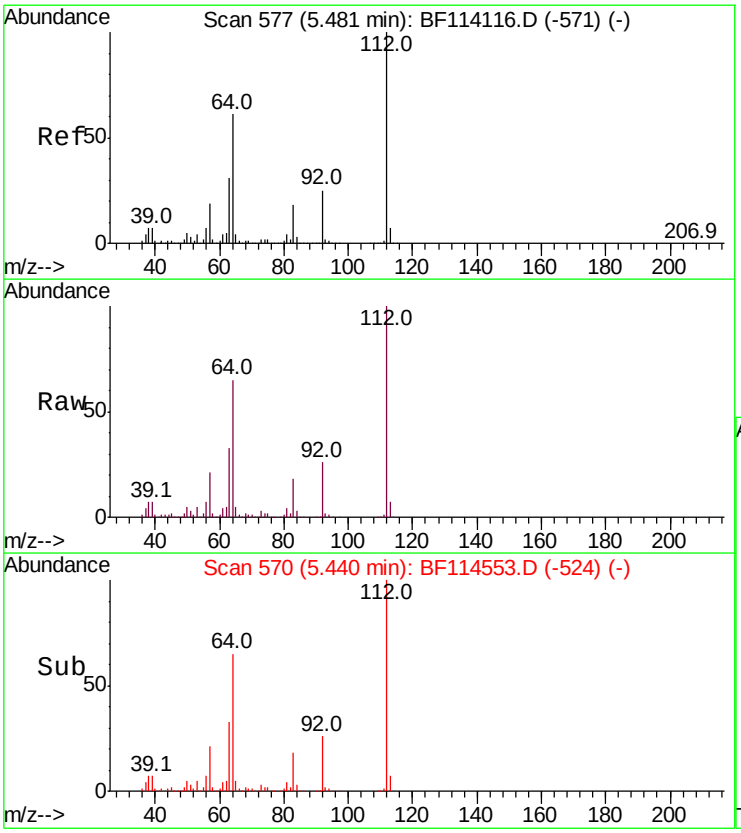
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 183842

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	60.4	49.1	73.7

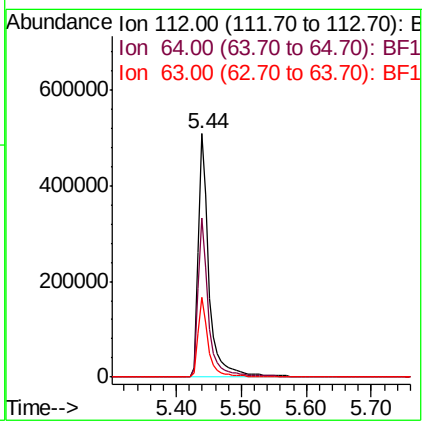


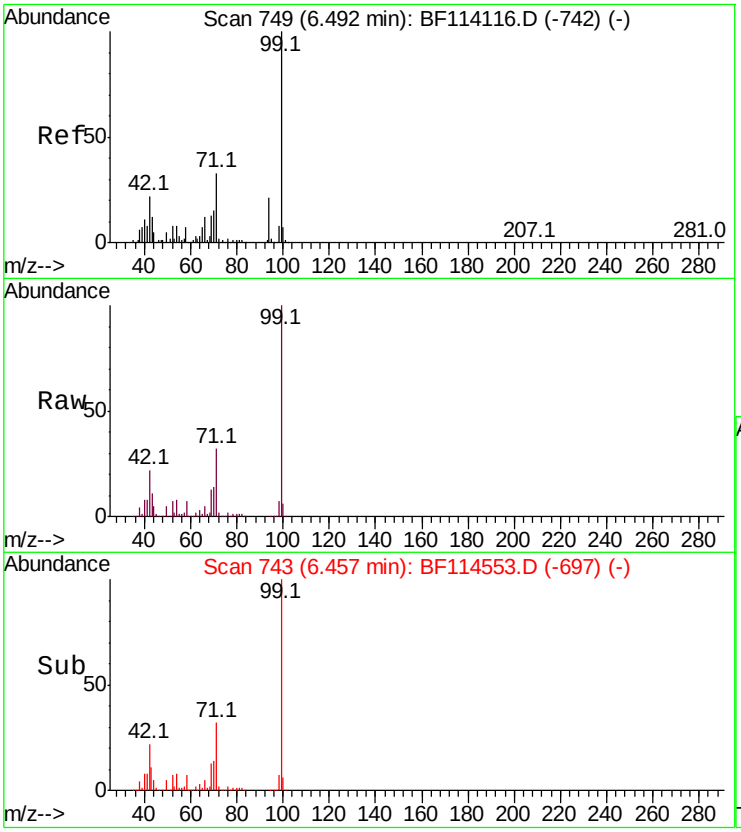


#5
2-Fluorophenol
Concen: 51.267 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:112 Resp: 585670

Ion	Ratio	Lower	Upper
112	100		
64	65.3	49.0	73.6
63	32.8	24.6	37.0



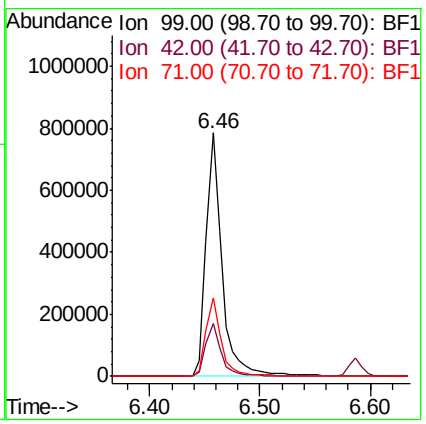


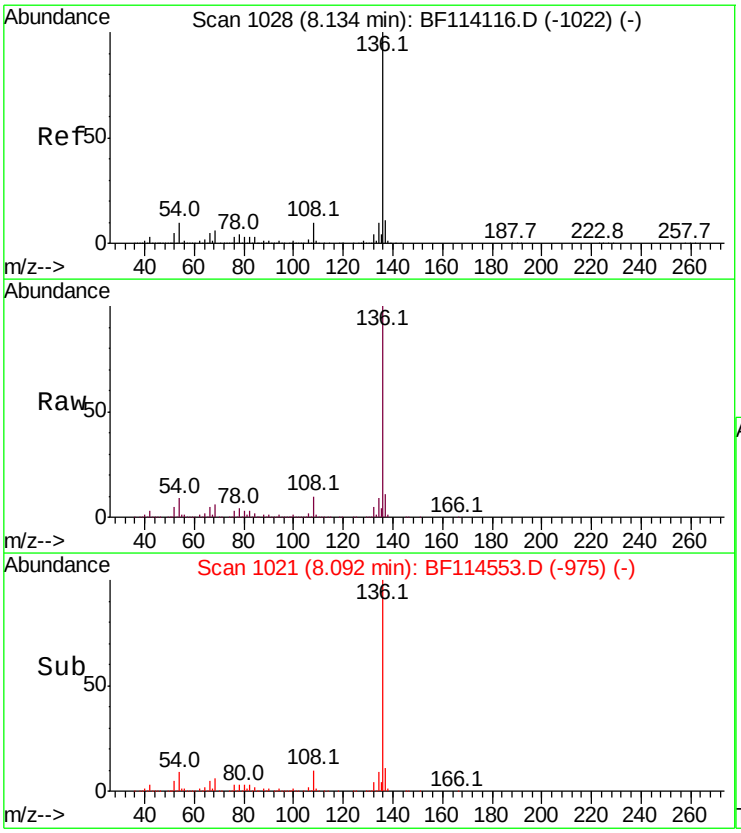
#7
Phenol-d6
Concen: 56.971 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 769770

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	32.4	26.2	39.2

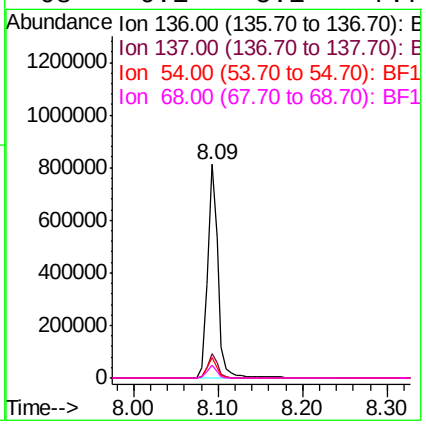


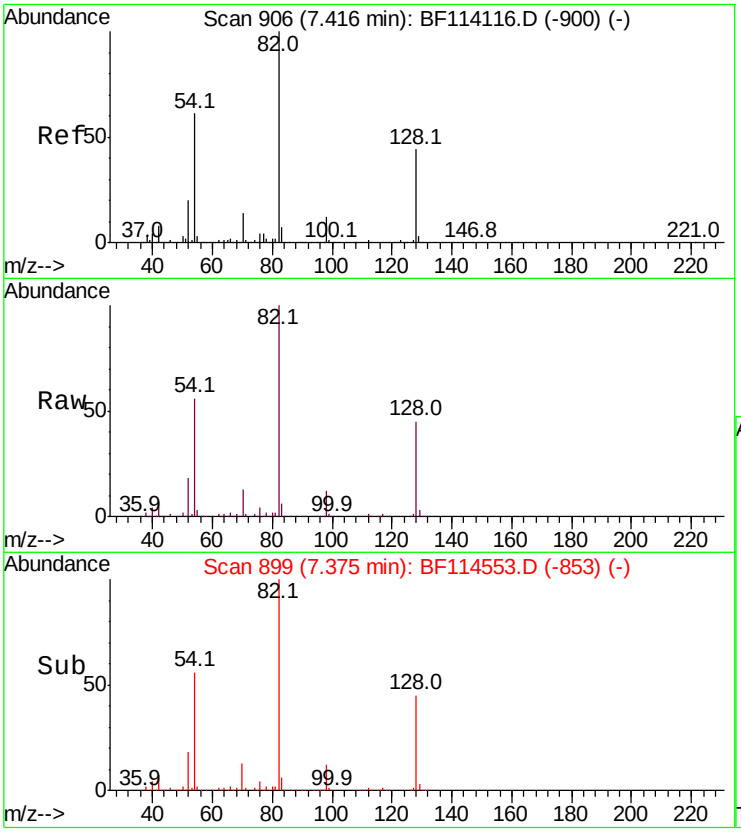


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:136 Resp: 700035

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.5	7.8	11.8
68	6.1	5.1	7.7



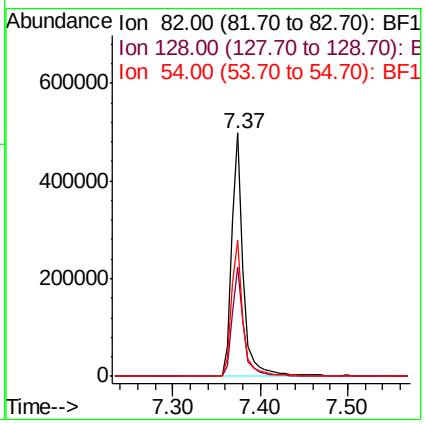


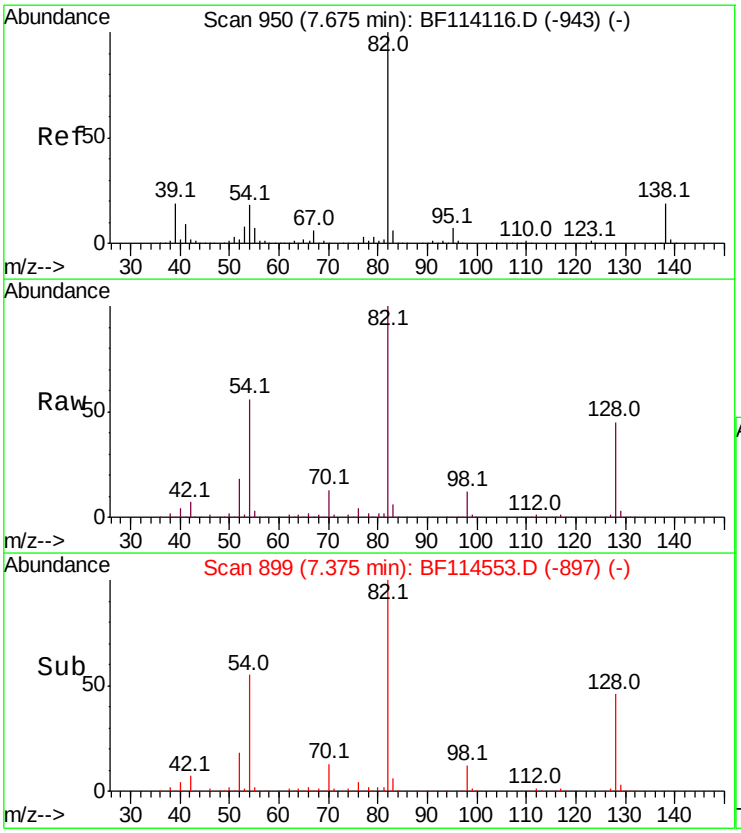
#23
Nitrobenzene-d5
Concen: 36.499 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 455281

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	56.1	48.5	72.7

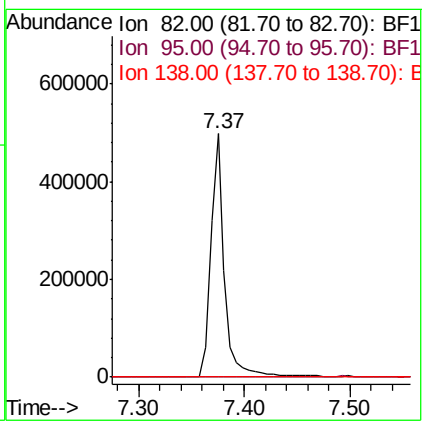


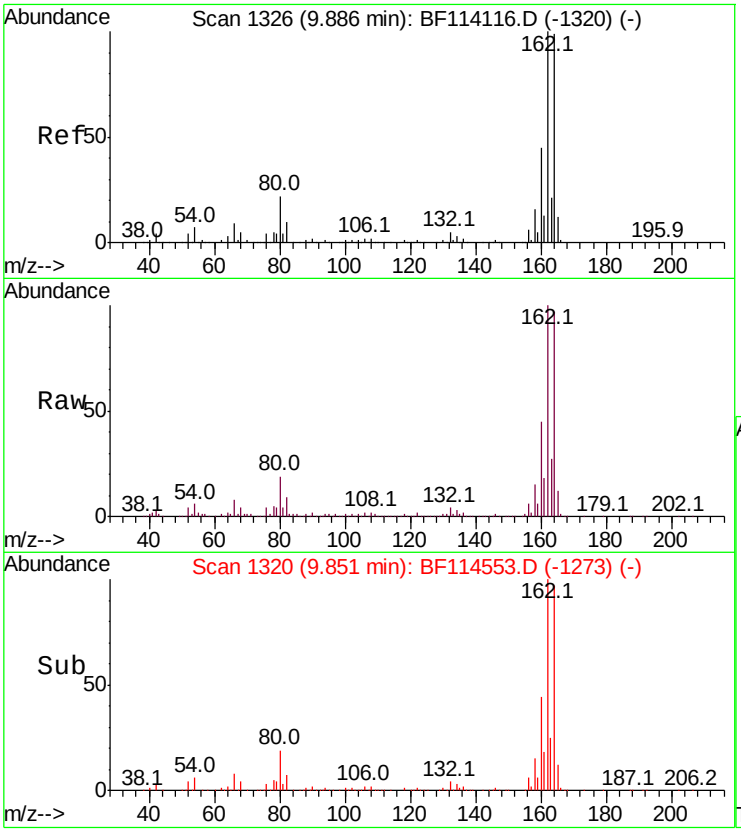


#25
Isophorone
Concen: 19.516 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.29 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion: 82 Resp: 451485

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#



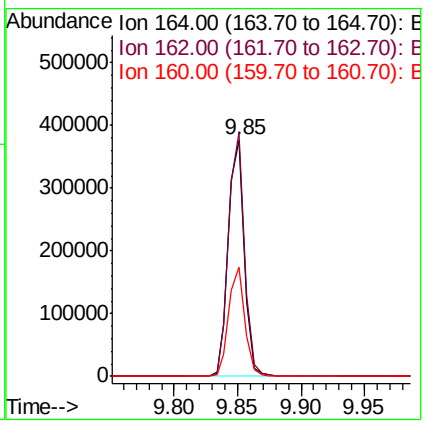


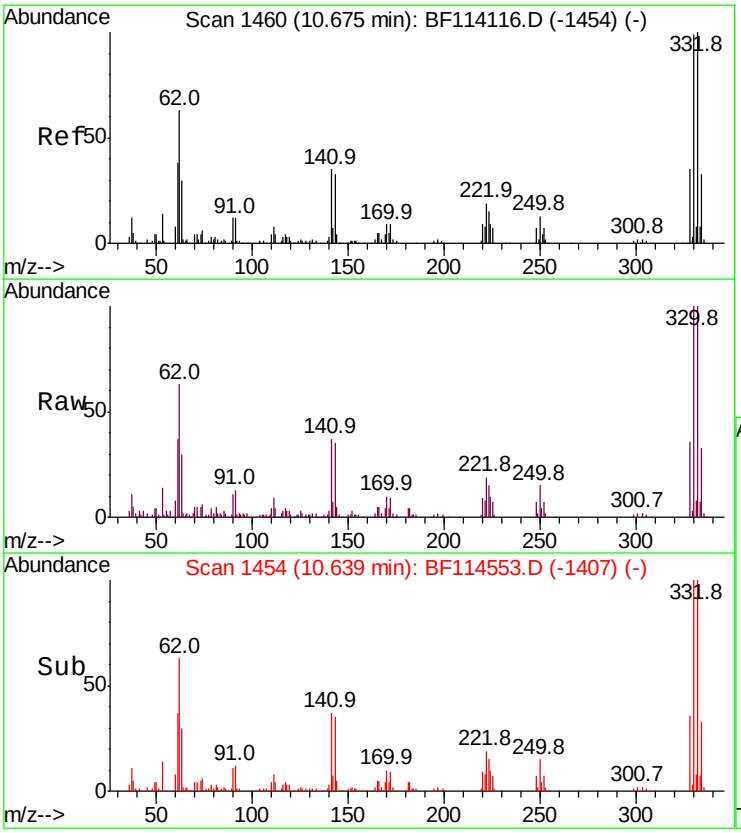
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 326362

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	120.8
160	46.0	36.5	54.7

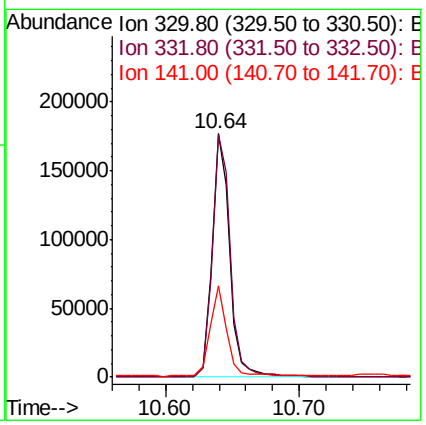


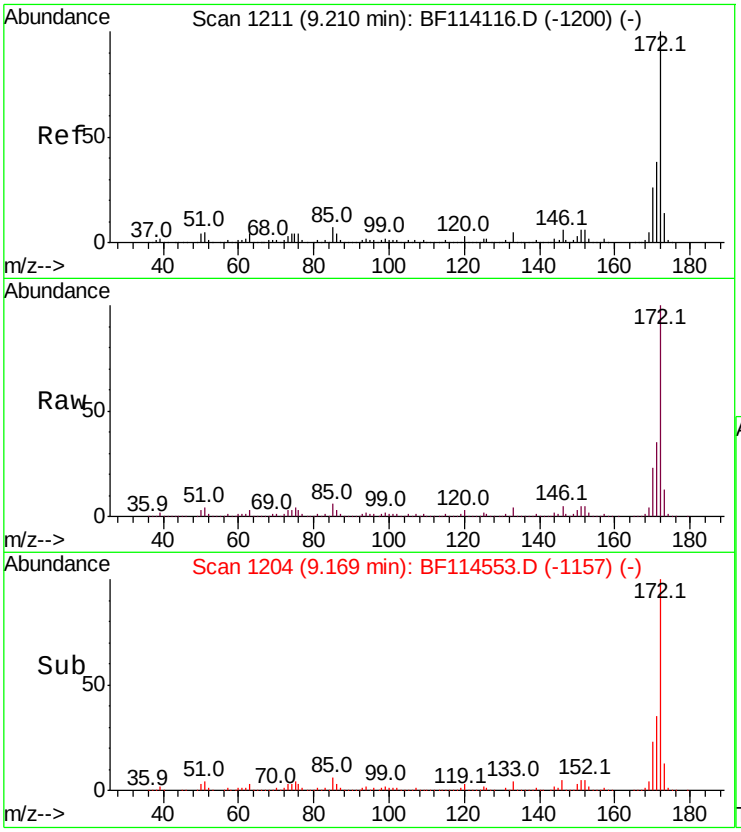


#42
2,4,6-Tribromophenol
Concen: 48.772 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:330 Resp: 164560

Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	34.6	26.6	40.0

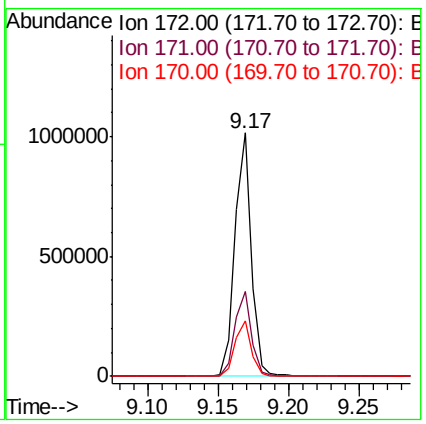




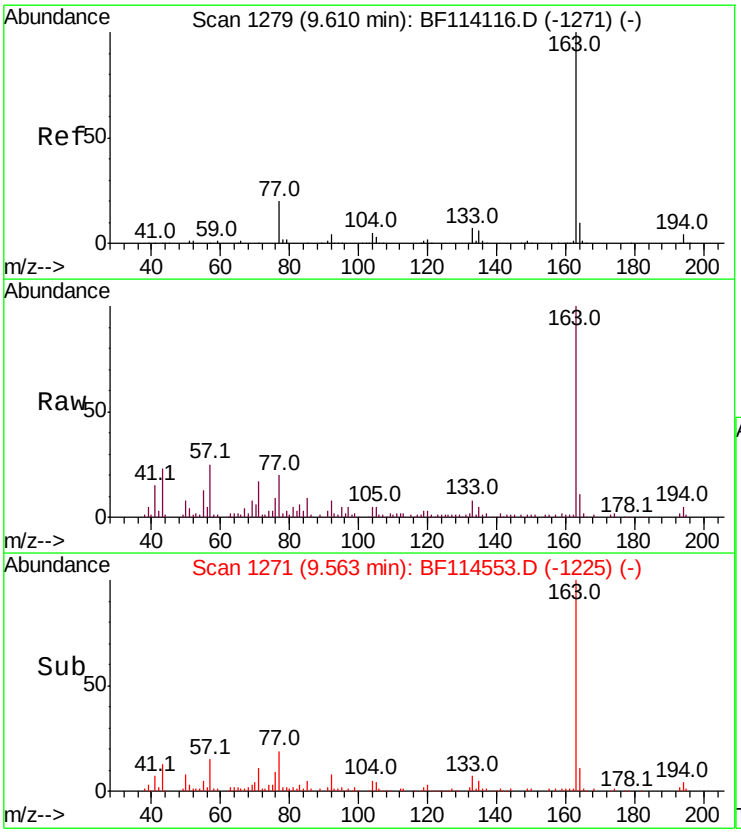
#45
2-Fluorobiphenyl
Concen: 37.983 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:172 Resp: 819501

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.7	46.1
170	22.9	20.5	30.7



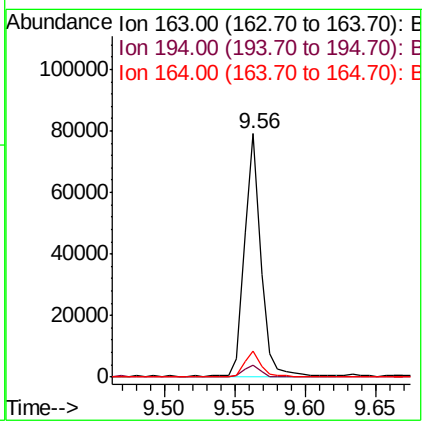
Instrument :
BNA_F
ClientSampleId :

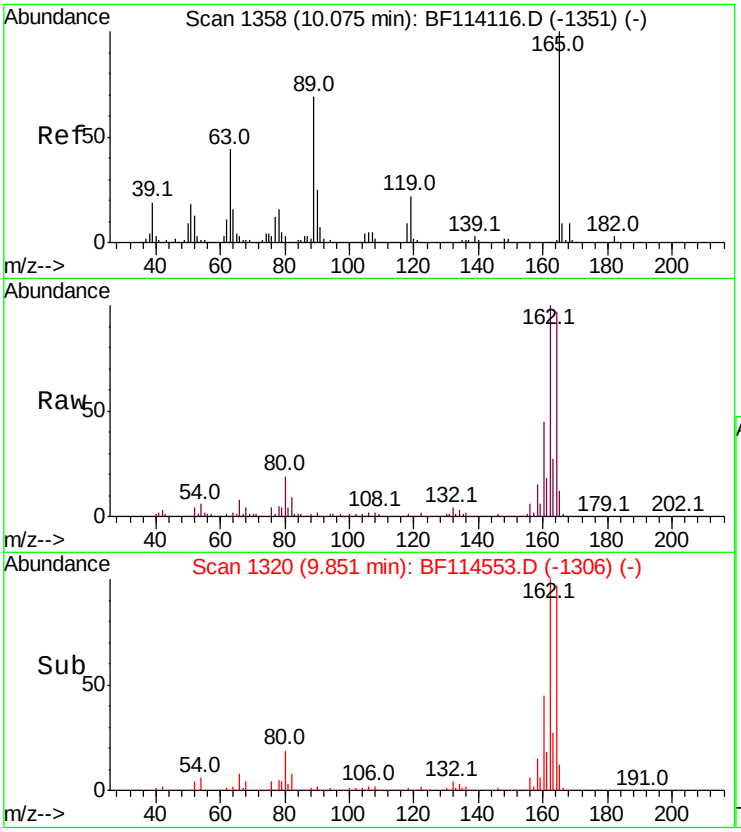


#50
Dimethylphthalate
Concen: 2.718 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:163 Resp: 65113

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	10.8	8.2	12.2



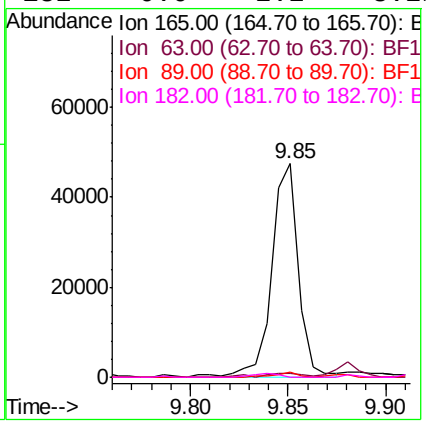


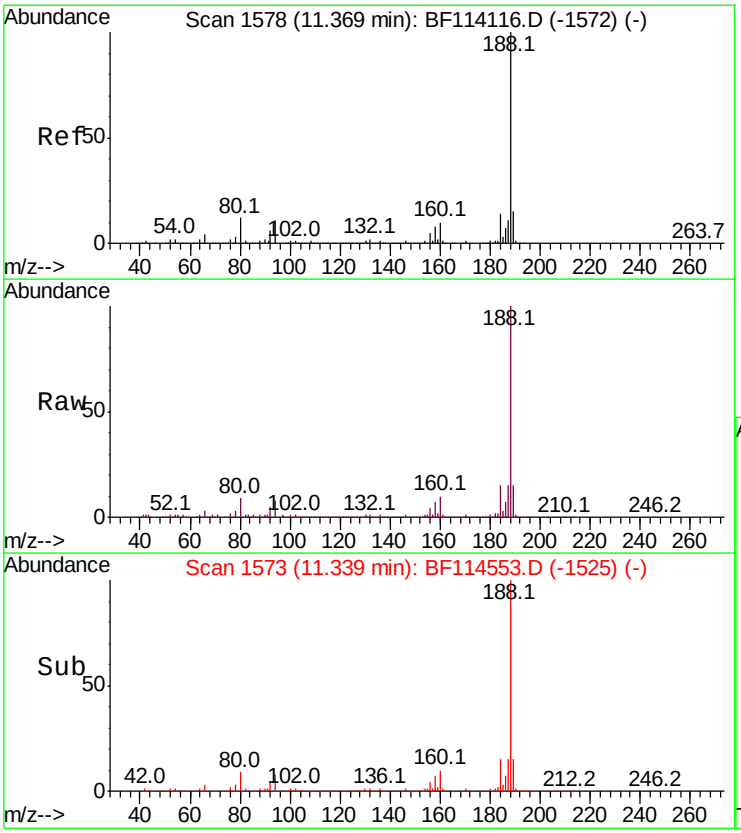
#57
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44789

Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.5	53.3#
89	2.4	55.2	82.8#
182	0.0	2.2	3.2#

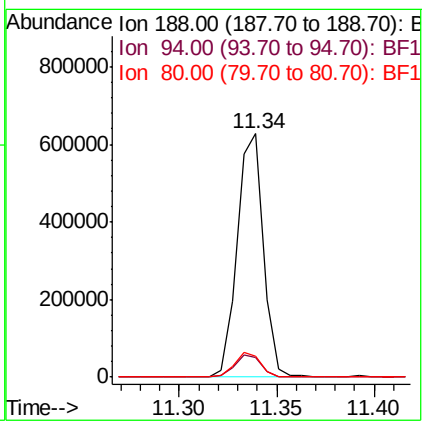


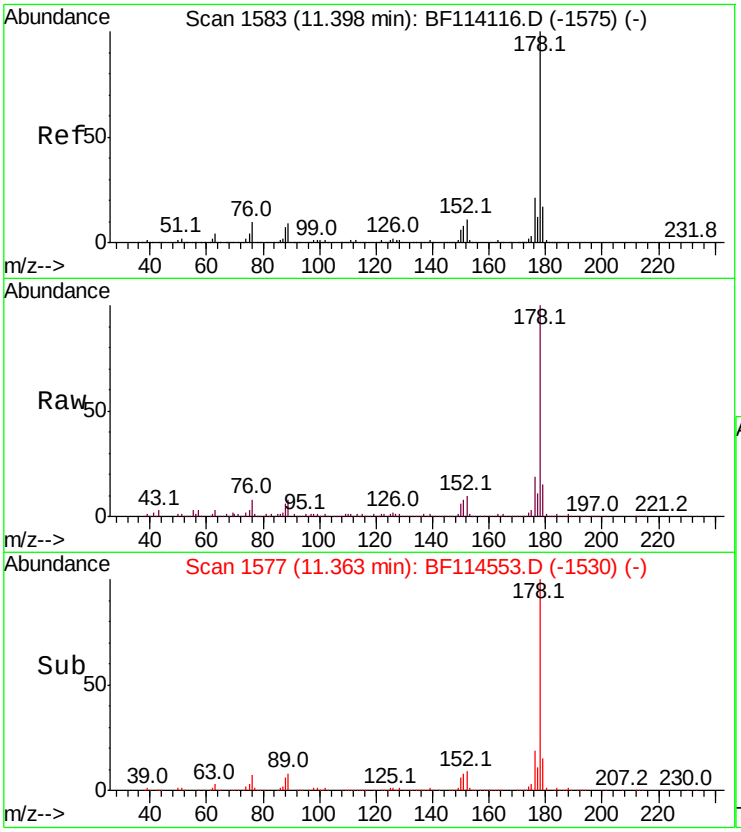


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:188 Resp: 583732

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.4	12.6#
80	8.7	9.2	13.8#



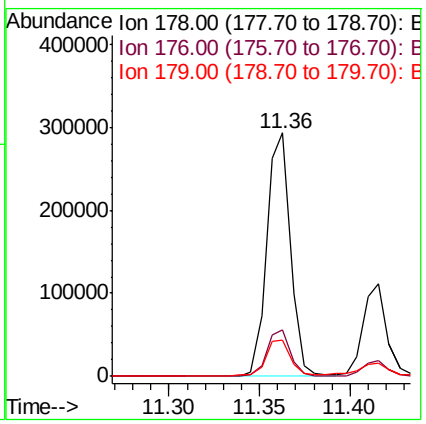


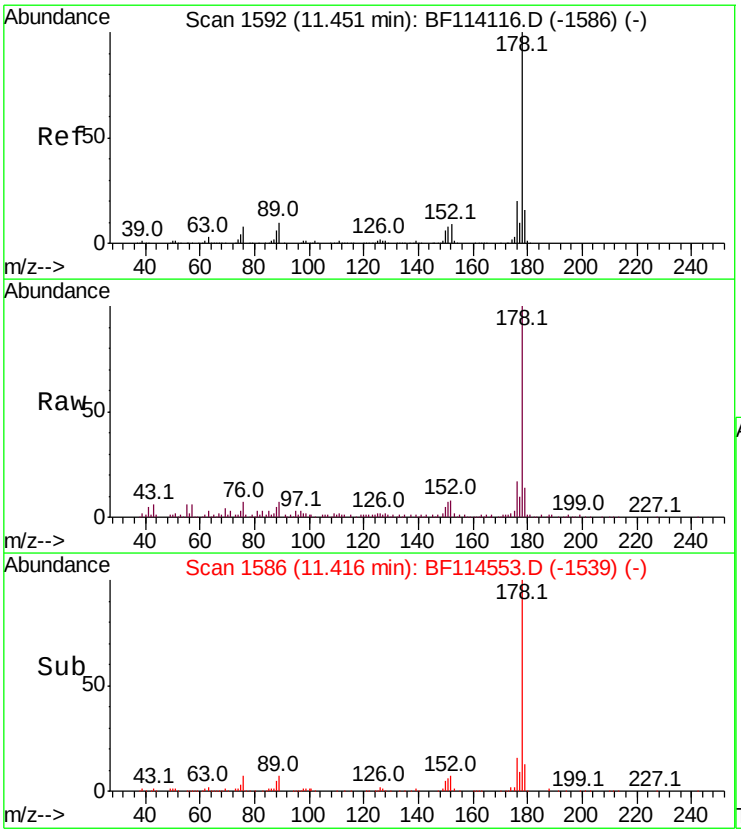
#71
Phenanthrene
Concen: 9.410 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 267241

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.0	13.2	19.8

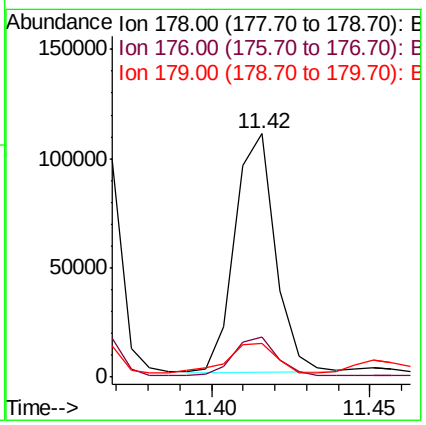


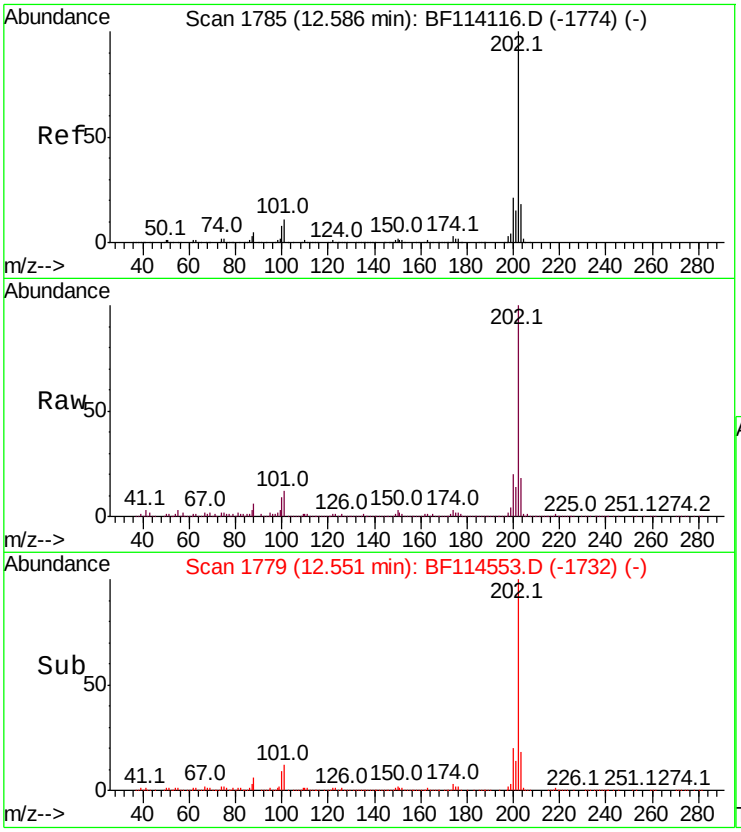


#72
Anthracene
Concen: 3.379 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:178 Resp: 96389

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.8	23.8
179	14.1	13.0	19.4



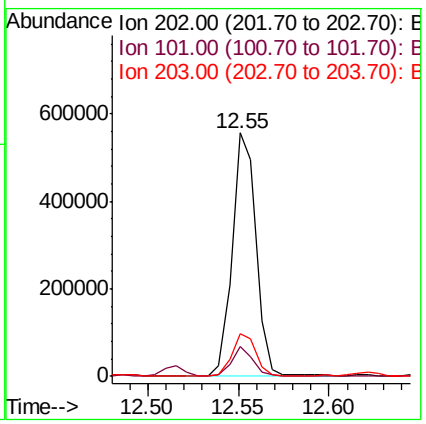


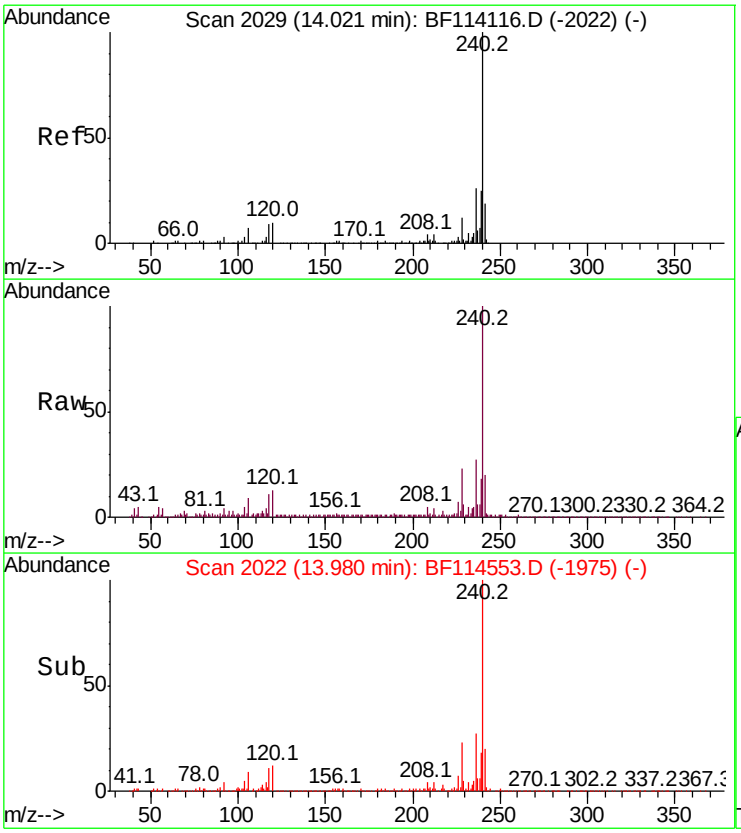
#75
Fluoranthene
Concen: 16.638 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 508825

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.0
203	17.8	0.0	38.4

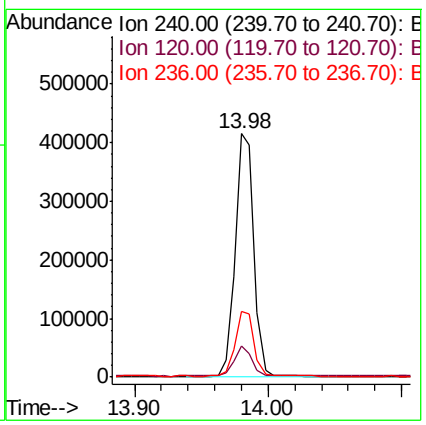


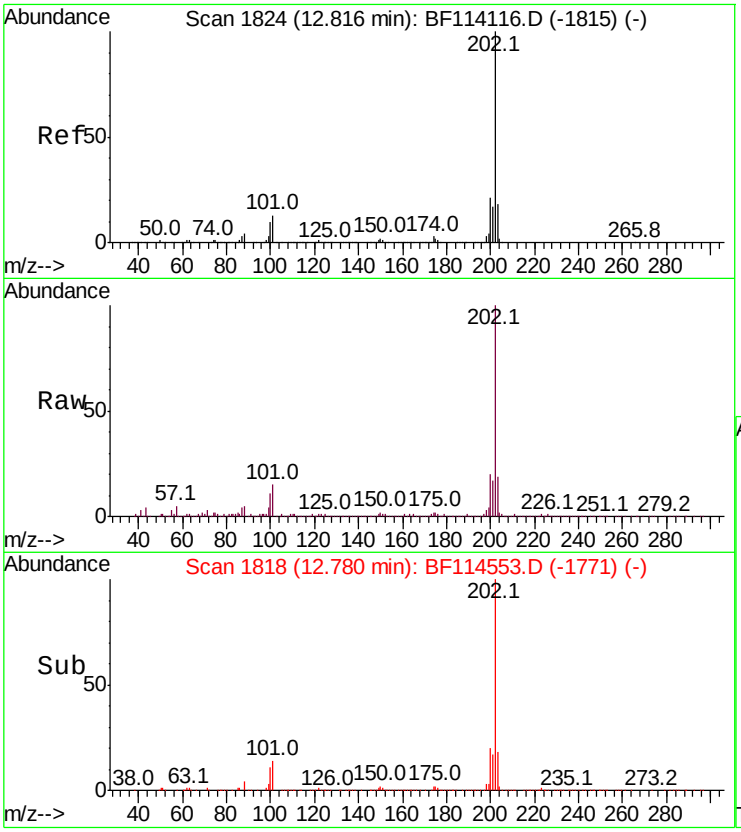


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:240 Resp: 404044

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.7	20.8	31.2



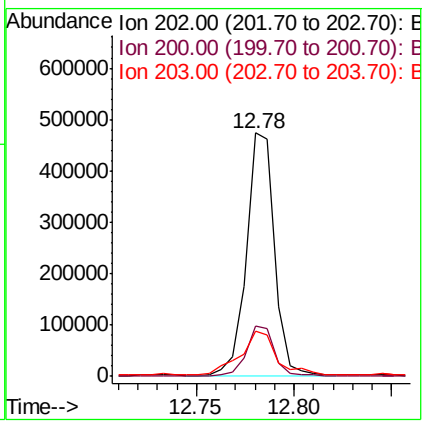


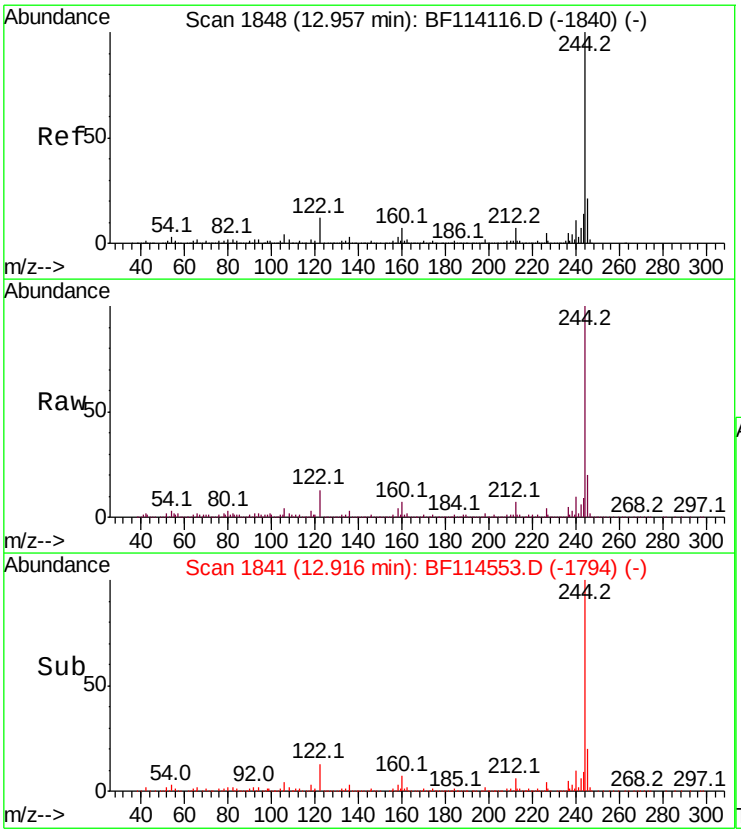
#78
Pyrene
Concen: 14.464 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 470137

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	18.8	14.5	21.7

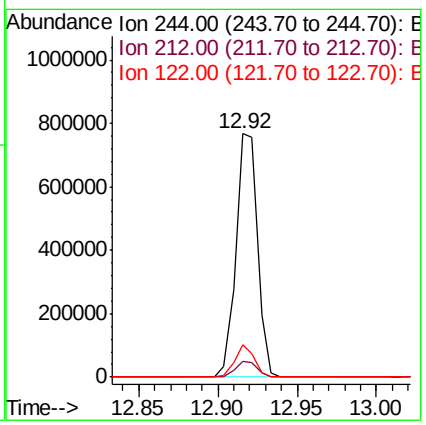


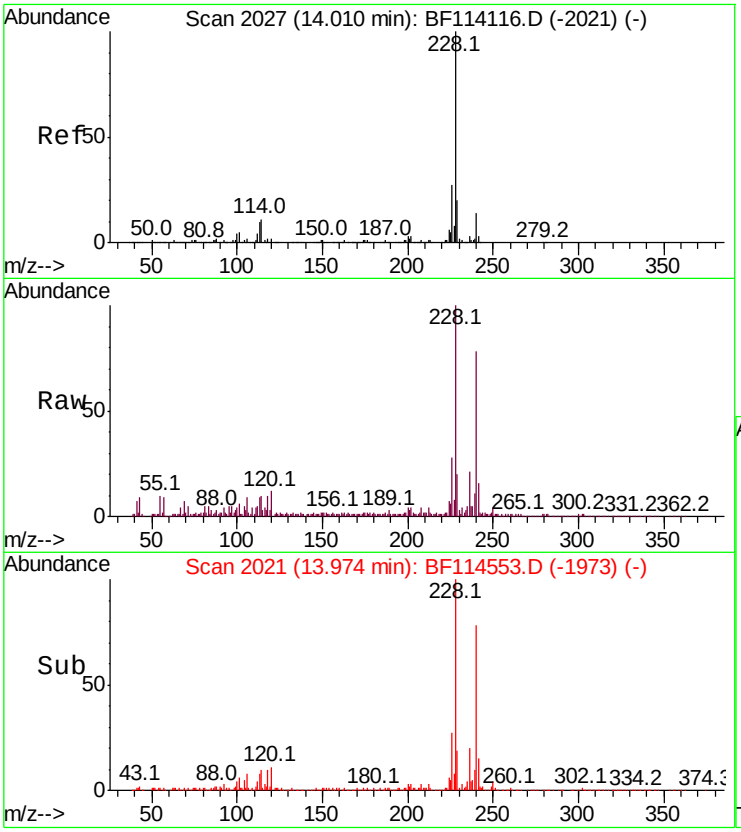


#79
Terphenyl-d14
Concen: 36.979 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:244 Resp: 724803

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	13.4	9.4	14.2



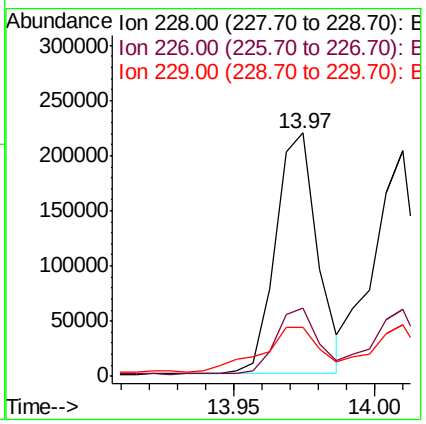


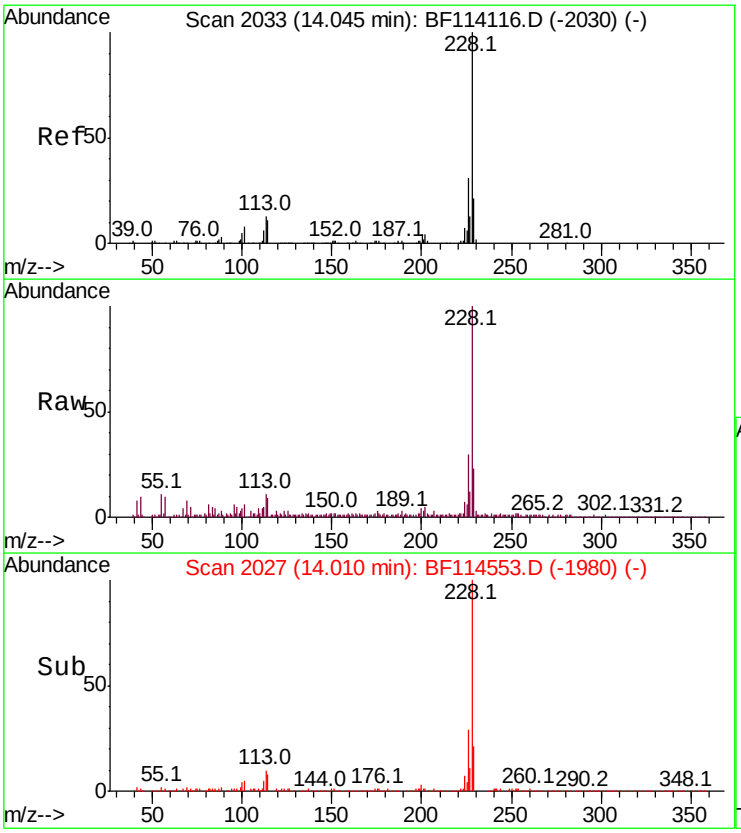
#81
Benzo(a)anthracene
Concen: 8.634 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 225643

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.0	16.4	24.6

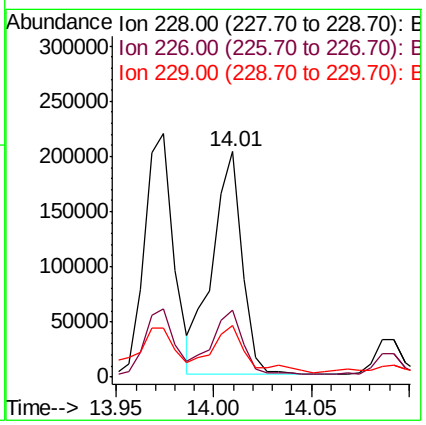


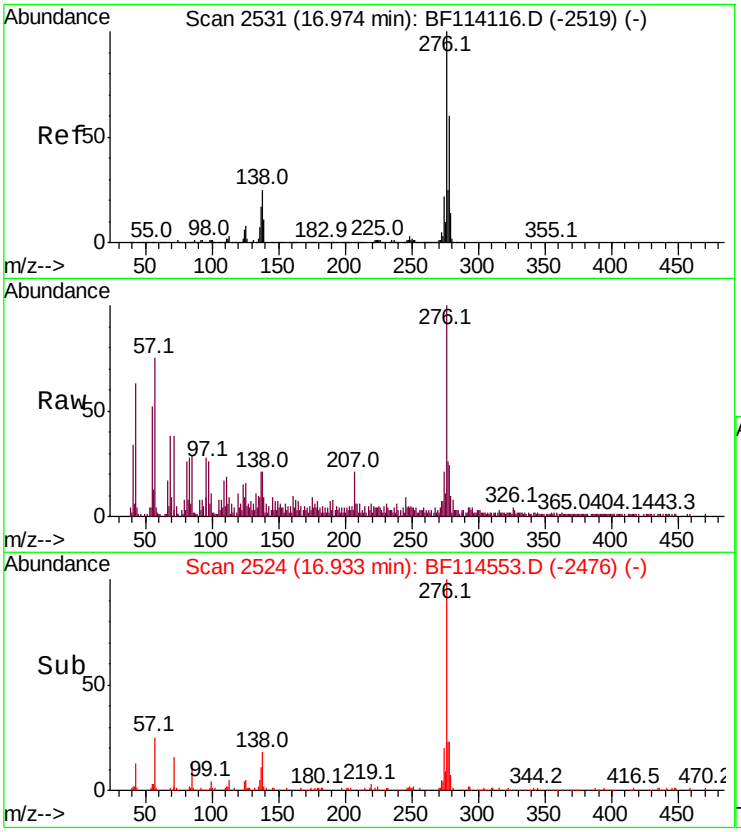


#83
Chrysene
Concen: 8.379 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:228 Resp: 214650

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.9	17.0	25.6



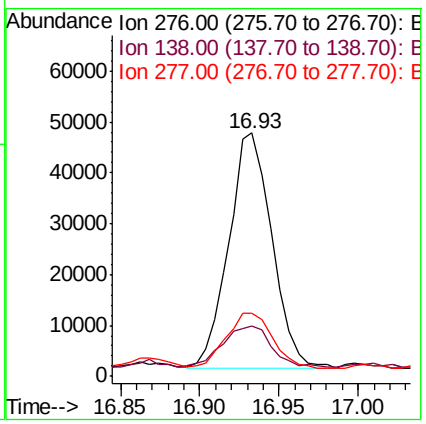


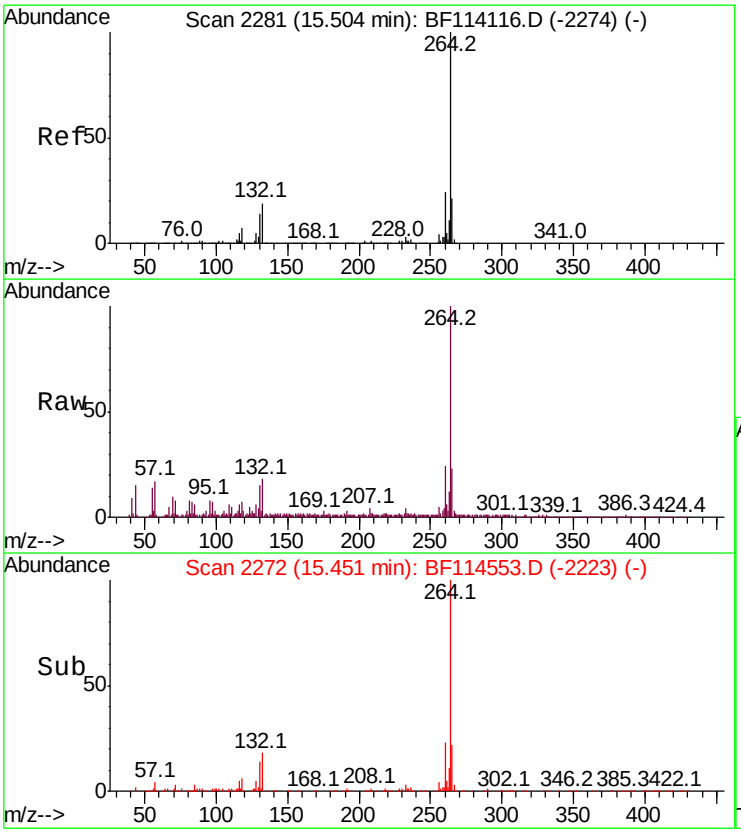
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.871 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 87633

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.2	30.2
277	26.1	20.0	30.0

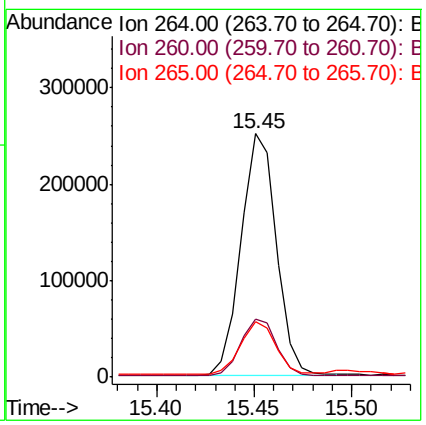


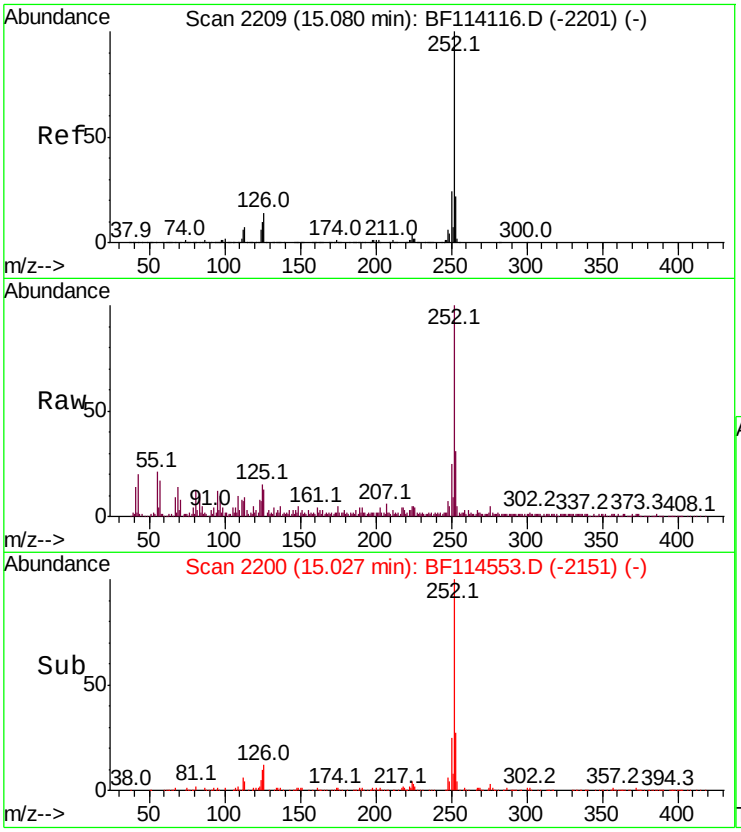


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:264 Resp: 314626

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.6	16.9	25.3



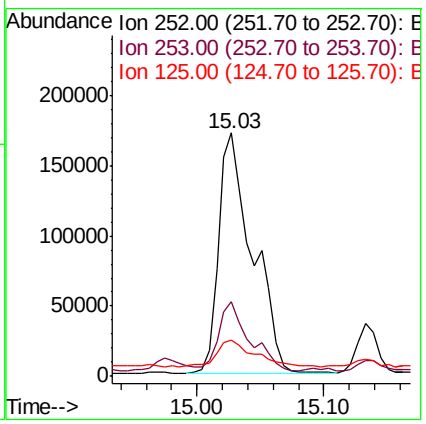


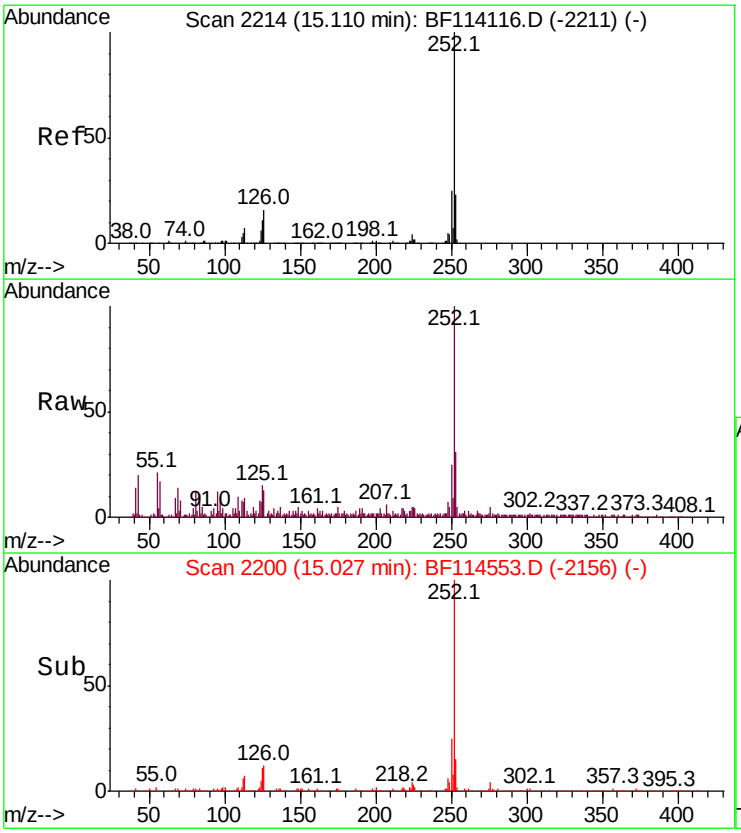
#88
Benzo(b)fluoranthene
Concen: 15.850 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 319492

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.8	26.8#
125	14.8	8.3	12.5#

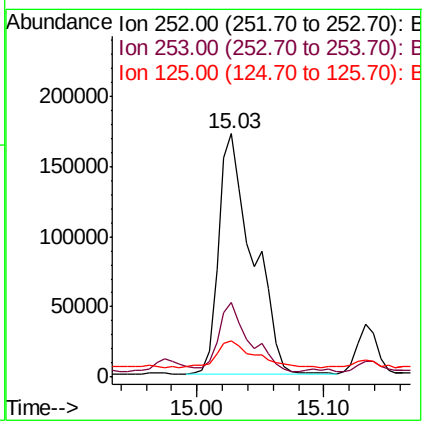


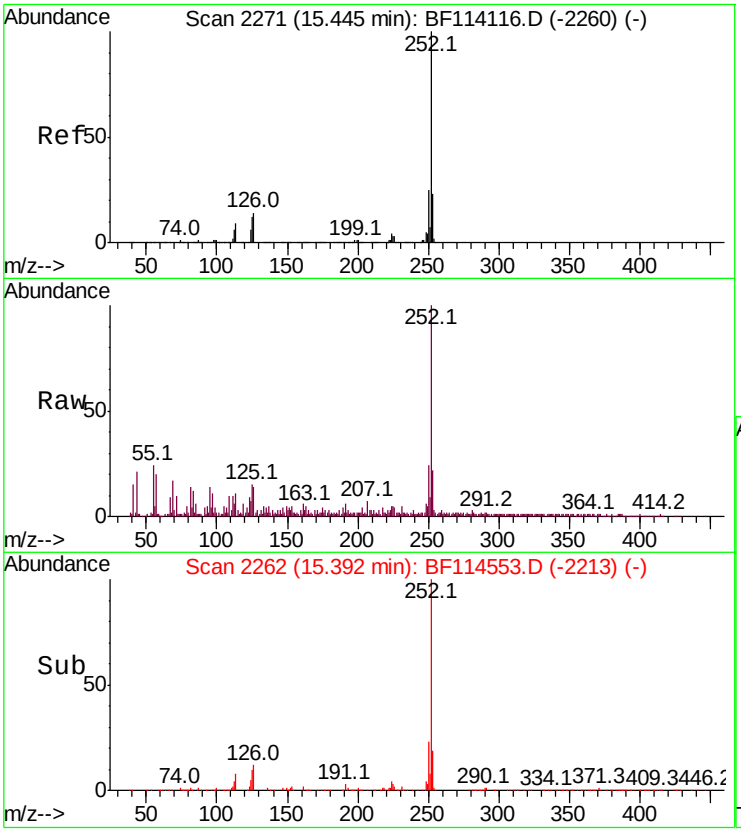


#89
Benzo(k)fluoranthene
Concen: 17.239 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:252 Resp: 319189

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.2	27.2#
125	14.8	8.6	13.0#



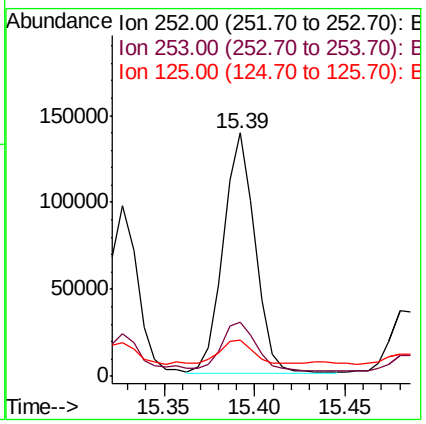


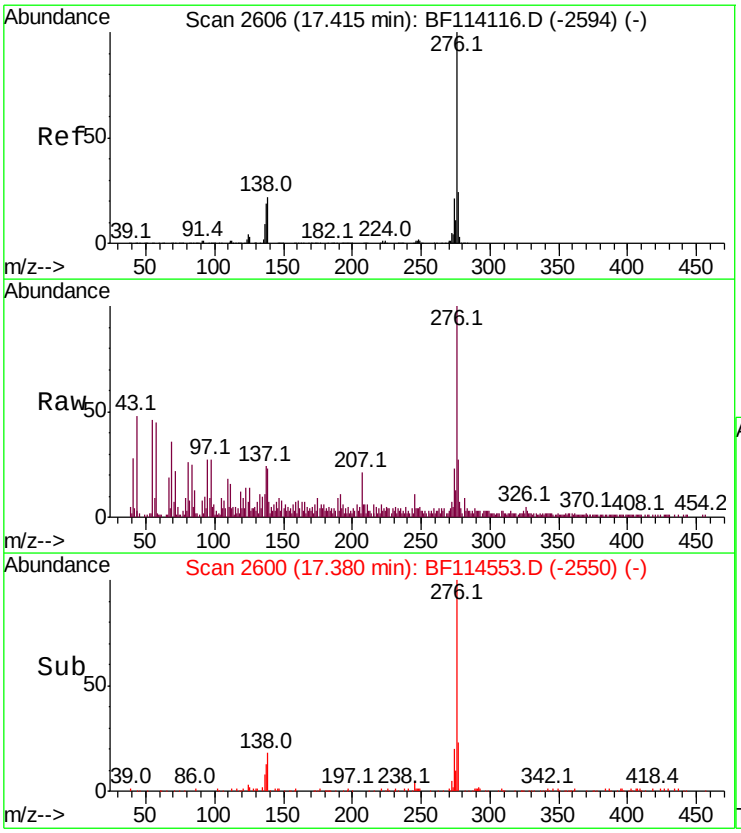
#90
Benzo(a)pyrene
Concen: 9.480 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 168179

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.9	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 5.848 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF114553.D
Acq: 24 May 2019 4:38

Tgt Ion:276 Resp: 86393

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.0	28.4
138	23.5	17.8	26.6