Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
Data File : BF114374.D
Acq On : 18 May 2019 2:55
Operator : JU/SJ
Sample : K2894-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 18 05:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	215491	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	841986	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	382954	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	702244	20.00	ng		0.00
76) Chrysene-d12	14.02	240	483317	20.00	ng		0.00
87) Perylene-d12	15.49	264	391779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	805232	60.13	ng		0.00
7) Phenol-d6	6.49	99	1053469	66.52	ng		0.00
23) Nitrobenzene-d5	7.40	82	329310	21.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	125072	31.59	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1217032	48.07	ng		0.00
79) Terphenyl-d14	12.96	244	1107586	47.24	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	44568	4.440	ng	#	74
32) Benzoic acid	8.13	122	132	7.034	ng	#	1
50) Dimethylphthalate	9.59	163	148077	5.267	ng		99
57) 2,4-Dinitrotoluene	9.89	165	50146	5.925	ng	#	25
71) Phenanthrene	11.40	178	304321	8.907	ng		97
72) Anthracene	11.45	178	109235	3.183	ng		96
75) Fluoranthene	12.59	202	683153	18.568	ng		98
78) Pyrene	12.82	202	601790	15.478	ng		97
81) Benzo(a)anthracene	14.00	228	346505	11.084	ng		99
83) Chrysene	14.05	228	297093	9.695	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	106417	3.929	ng		98
88) Benzo(b)fluoranthene	15.06	252	425512	16.953	ng	#	95
89) Benzo(k)fluoranthene	15.06	252	425512	18.455	ng	#	96
90) Benzo(a)pyrene	15.43	252	225471	10.207	ng	#	93
92) Benzo(g,h,i)perylene	17.43	276	93667	5.092	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
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Acq On : 18 May 2019 2:55
Operator : JU/SJ
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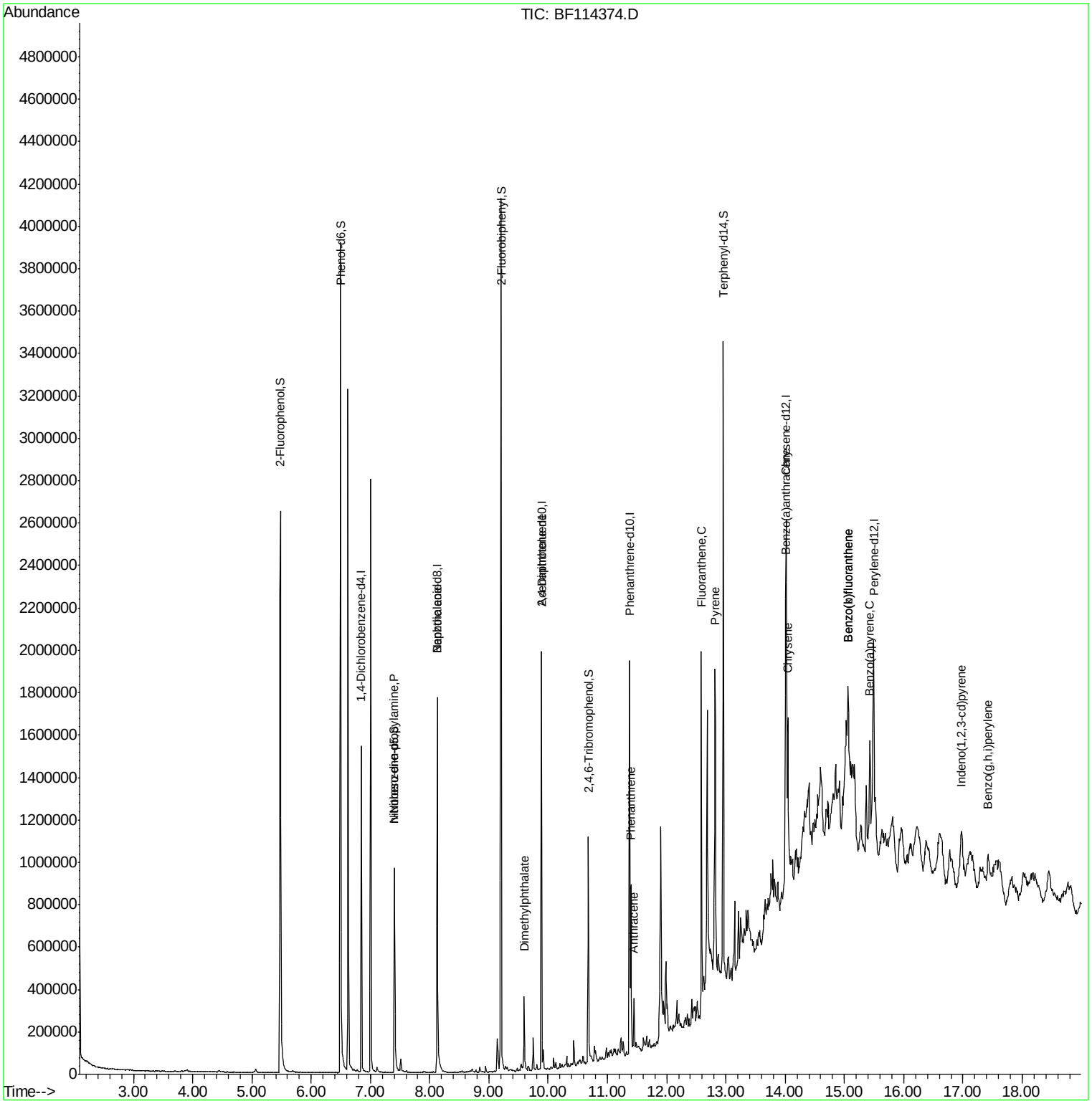
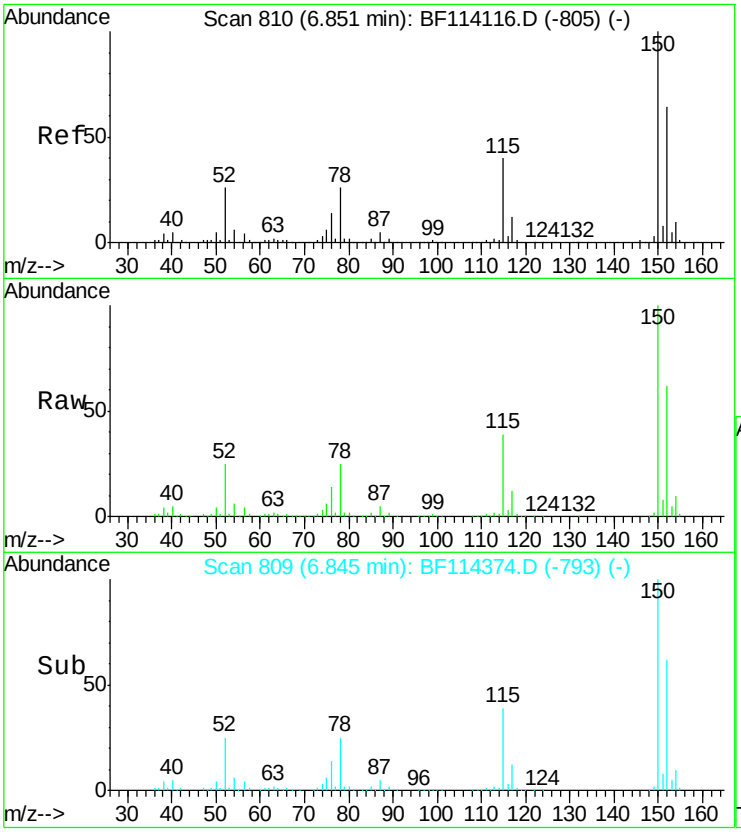
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 05:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



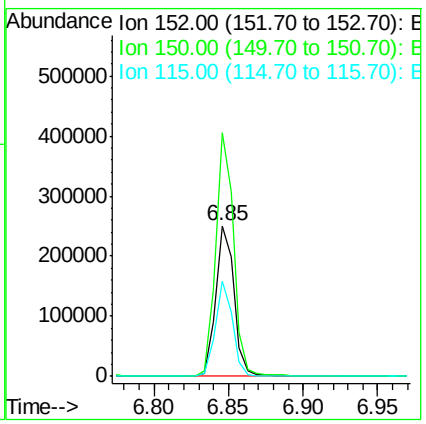


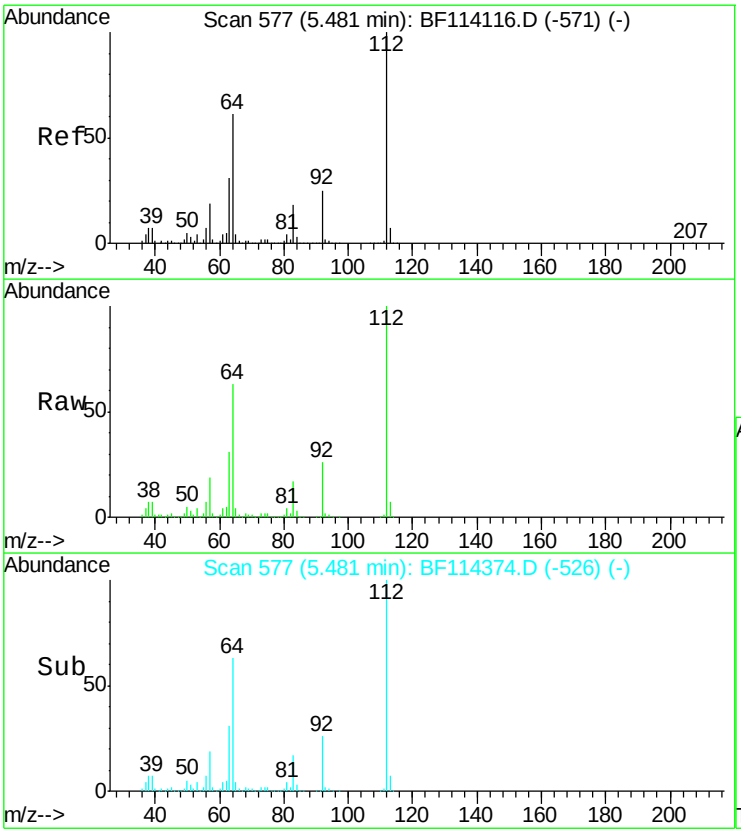
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 215491

Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.3	186.5
115	63.3	49.1	73.7

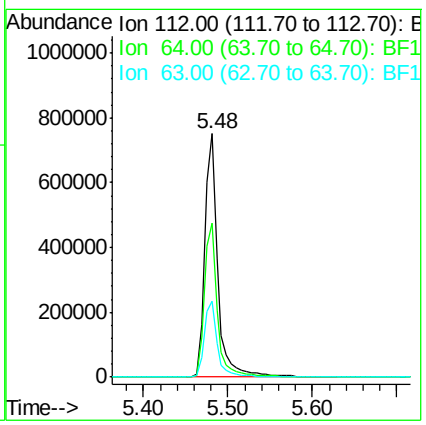


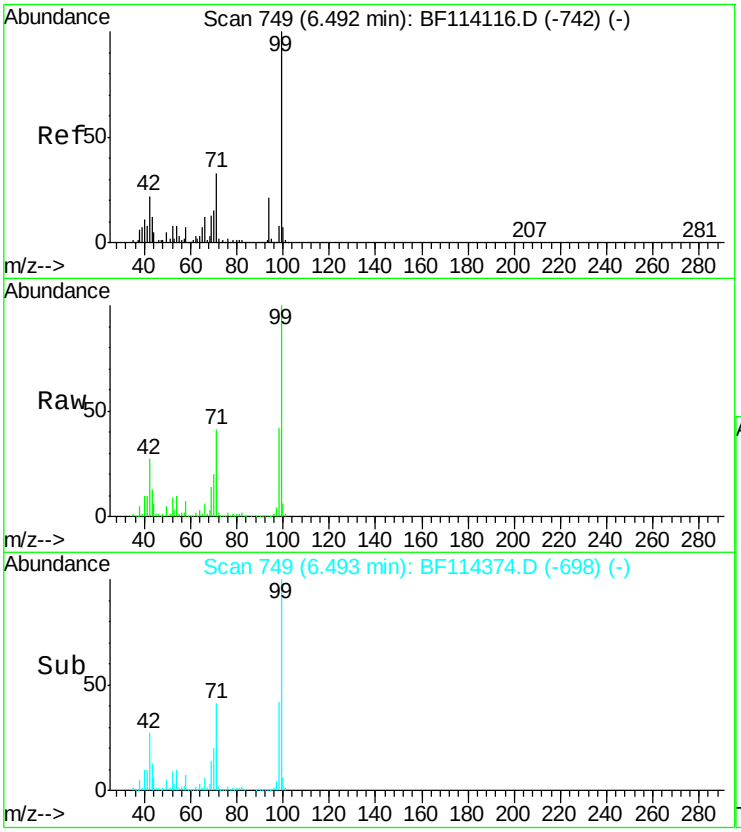


#5
2-Fluorophenol
Concen: 60.134 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:112 Resp: 805232

Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.0	73.6
63	31.0	24.6	37.0



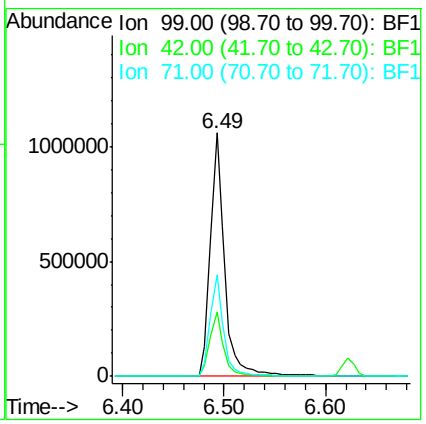


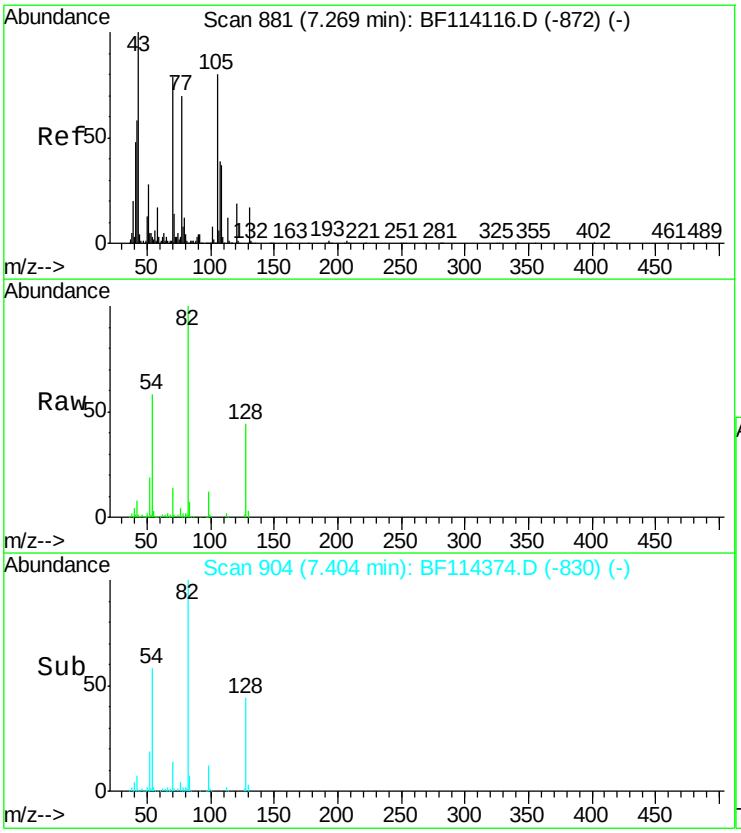
#7
Phenol-d6
Concen: 66.517 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1053469

Ion	Ratio	Lower	Upper
99	100		
42	26.6	17.9	26.9
71	41.5	26.2	39.2#

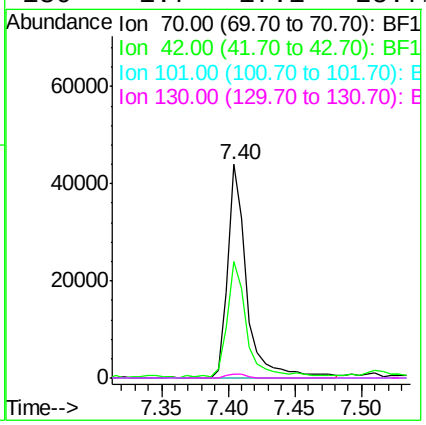


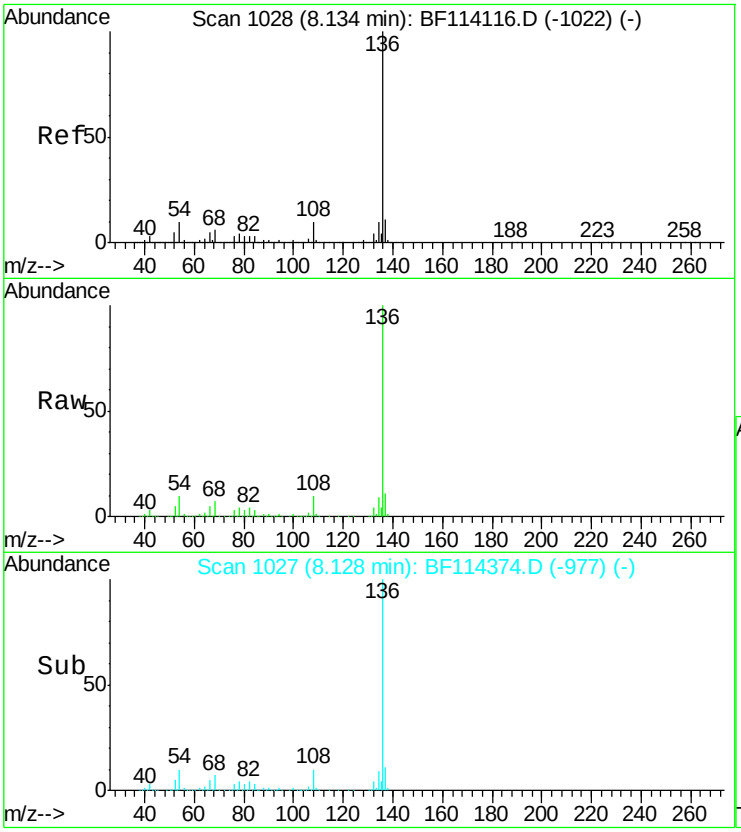


#19
n-Nitroso-di-n-propylamine
Concen: 4.440 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion: 70 Resp: 44568

Ion	Ratio	Lower	Upper
70	100		
42	54.7	58.6	87.8#
101	0.0	7.8	11.8#
130	1.7	17.1	25.7#



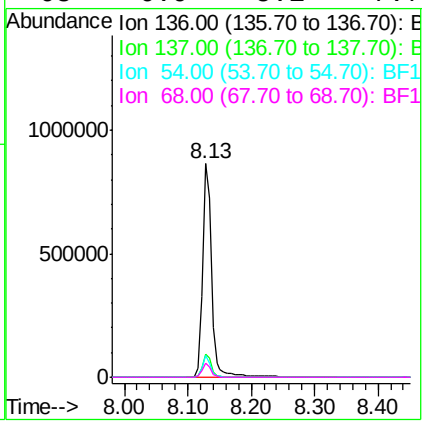


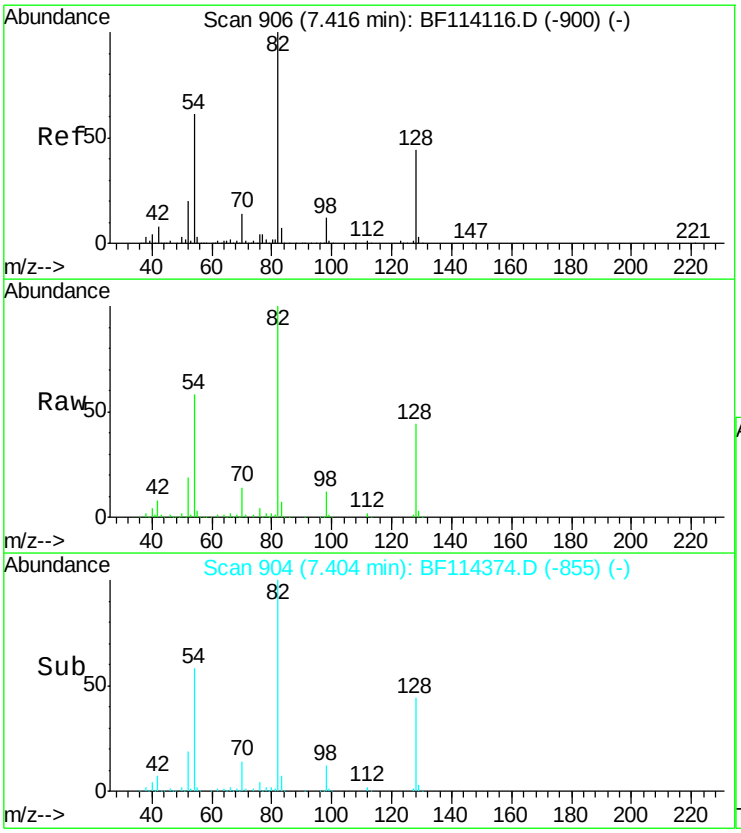
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 841986

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.9	7.8	11.8
68	6.9	5.1	7.7

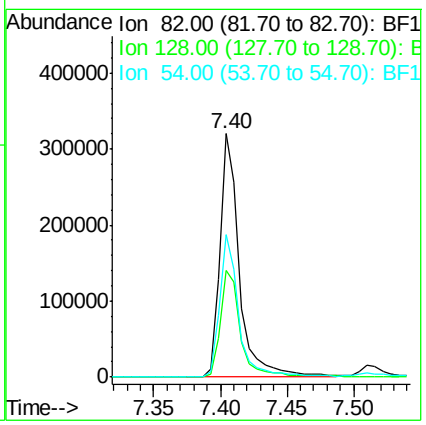


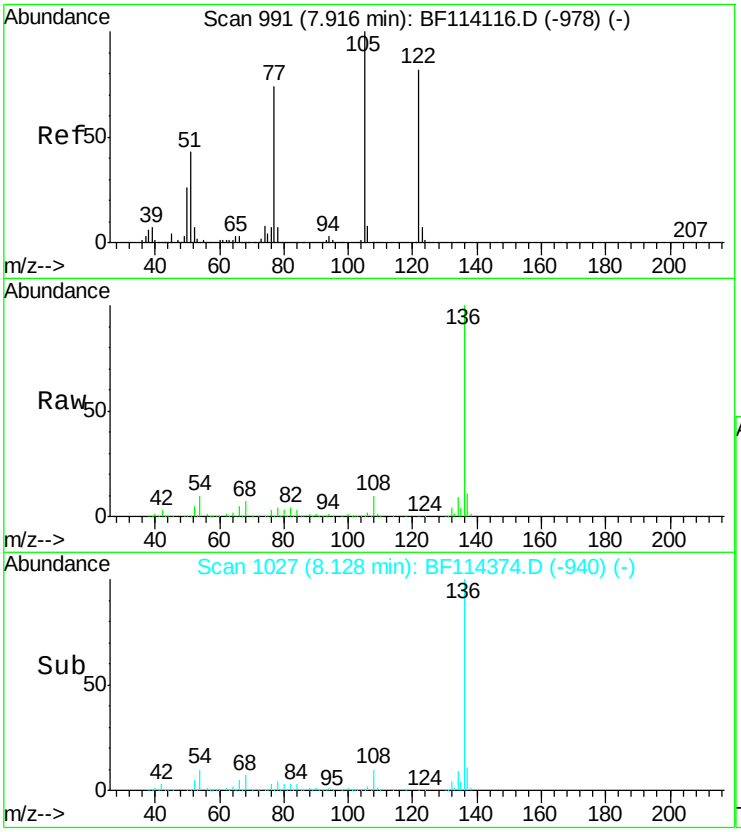


#23
Nitrobenzene-d5
Concen: 21.949 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion: 82 Resp: 329310

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	58.4	48.5	72.7



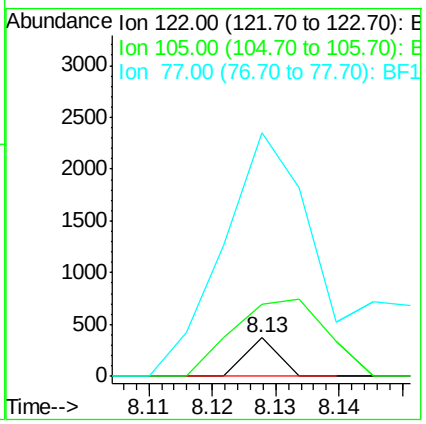


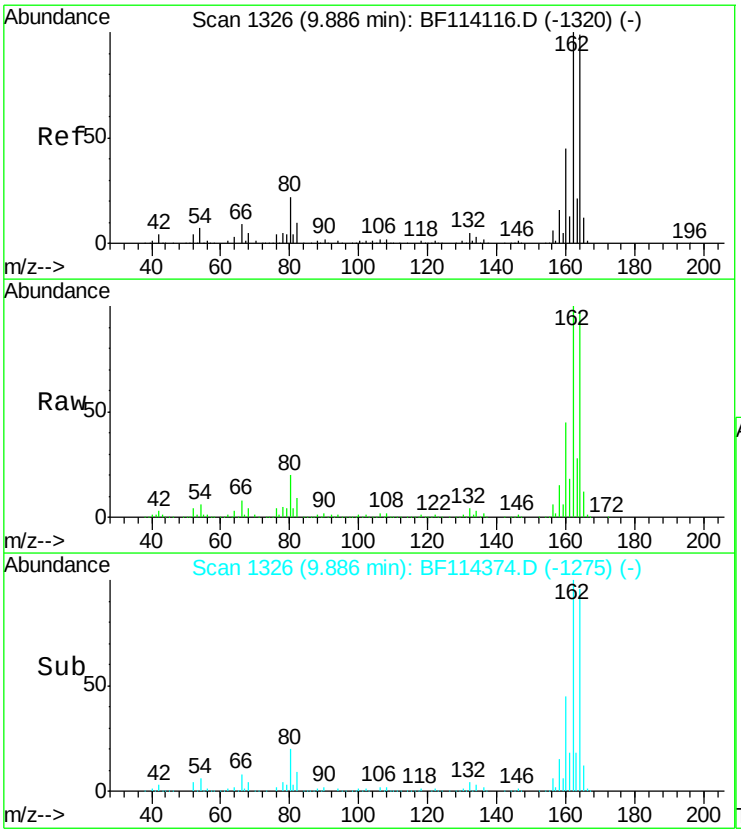
#32
Benzoic acid
Concen: 7.034 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.21 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	186.3	99.9	139.9#
77	630.0	69.4	109.4#

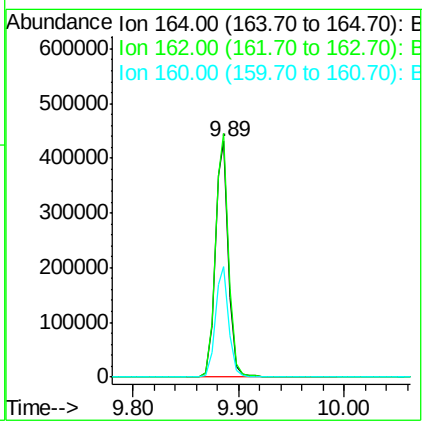


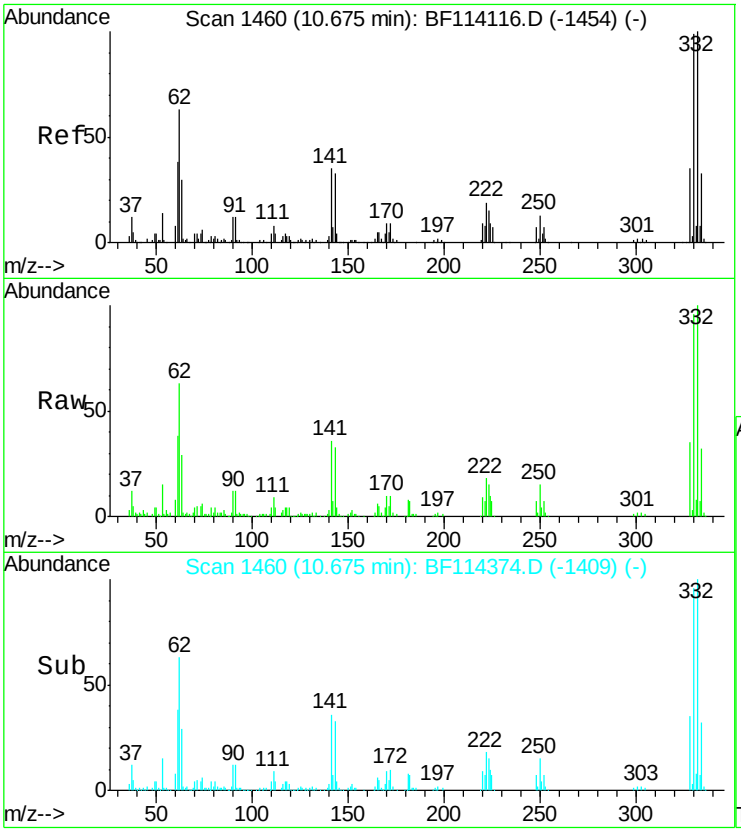


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:164 Resp: 382954

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	46.8	36.5	54.7



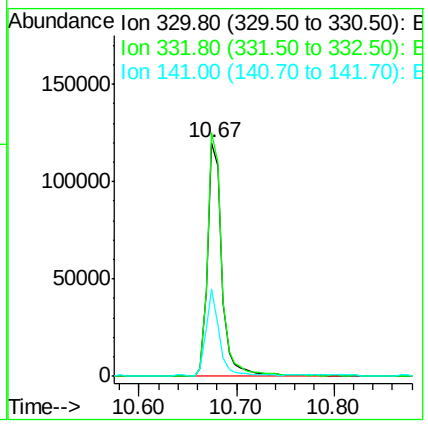


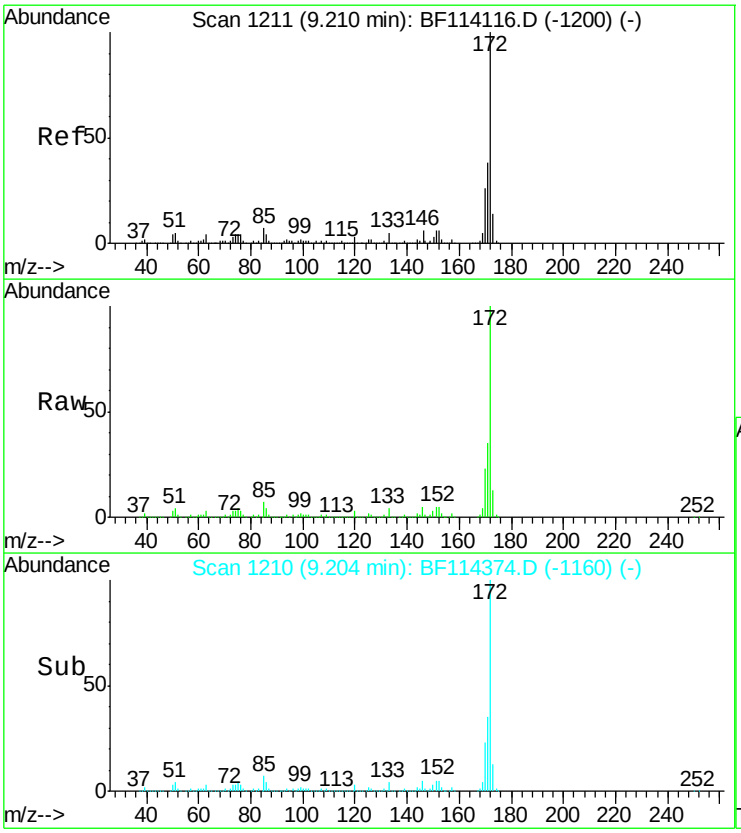
#42
2,4,6-Tribromophenol
Concen: 31.591 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125072

Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	33.4	26.6	40.0

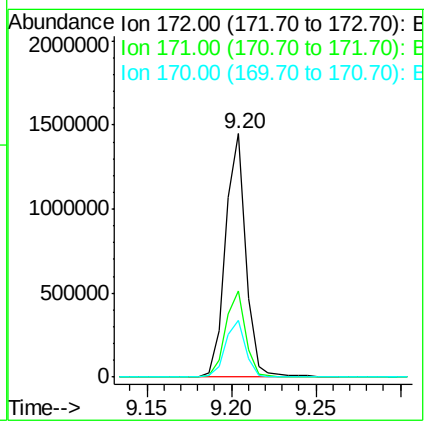


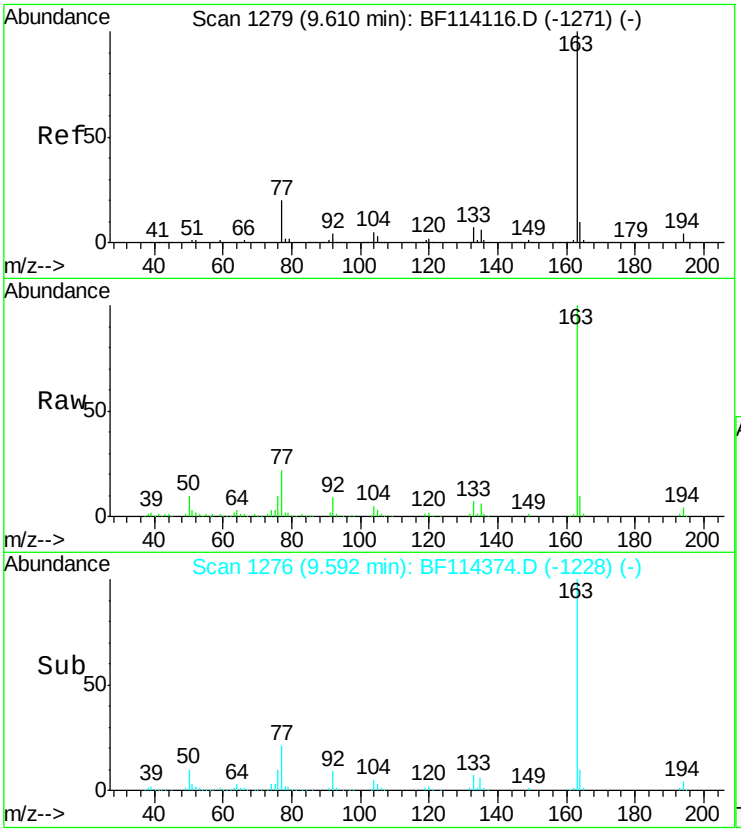


#45
2-Fluorobiphenyl
Concen: 48.073 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:172 Resp: 1217032

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	23.3	20.5	30.7



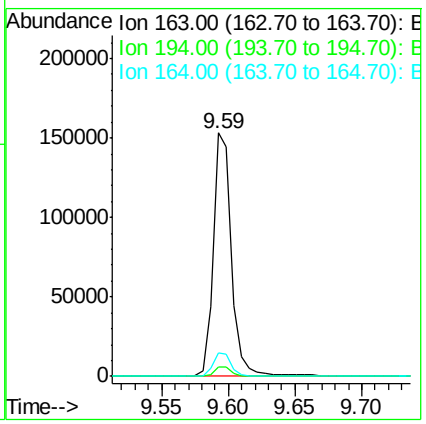


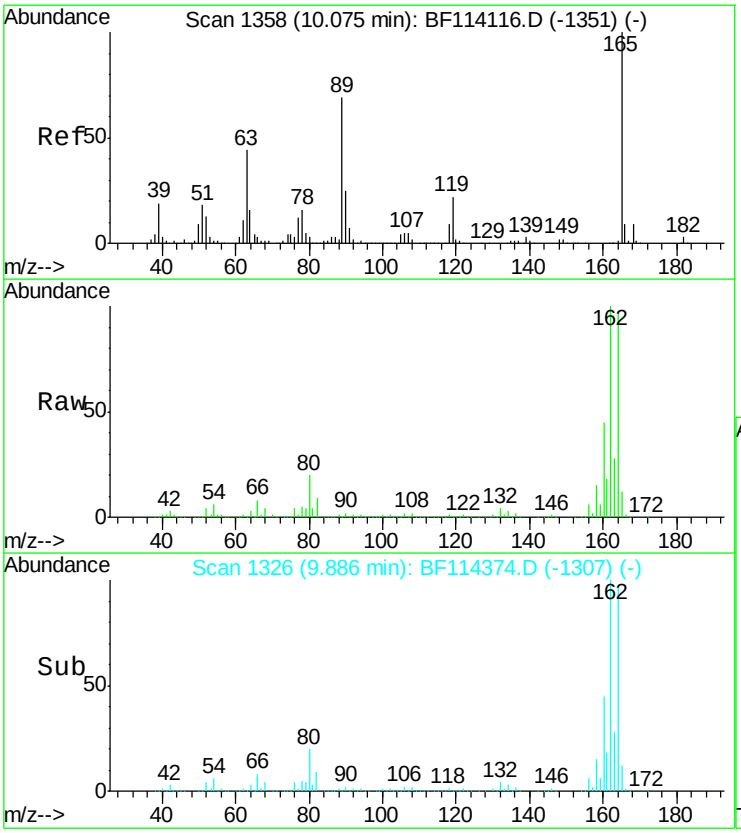
#50
Dimethylphthalate
Concen: 5.267 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 148077

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.7	8.2	12.2

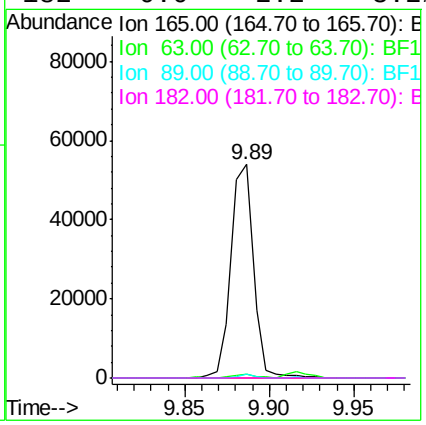


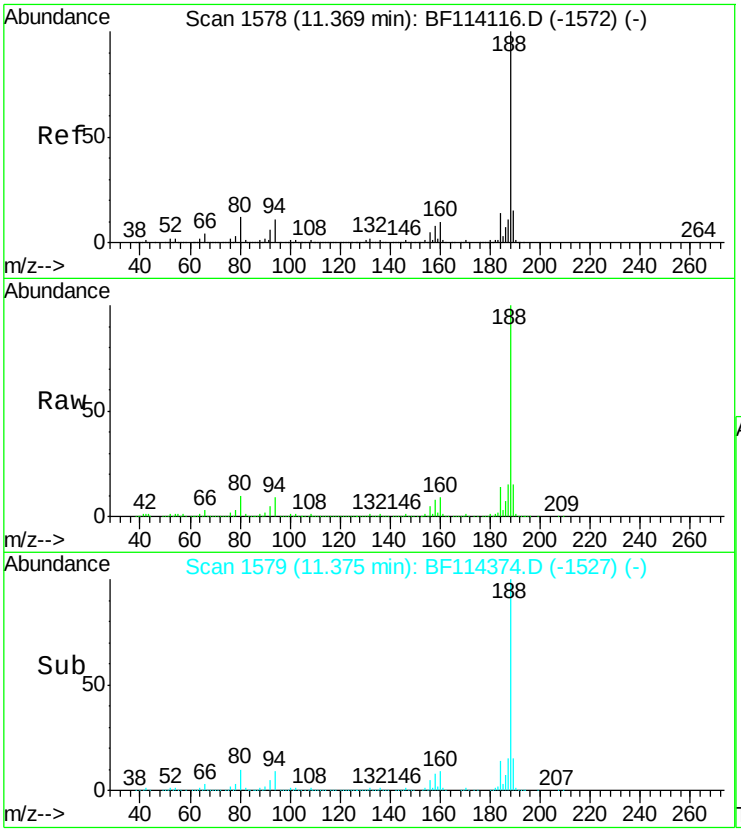


#57
2,4-Dinitrotoluene
Concen: 5.925 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:165 Resp: 50146

Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#



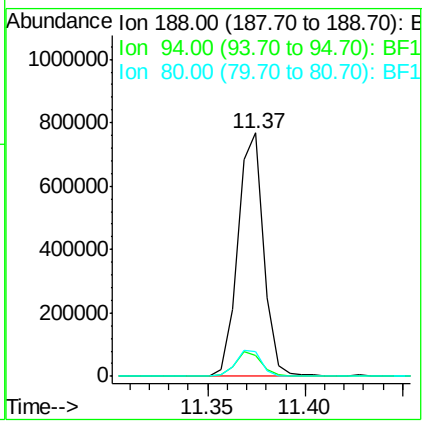


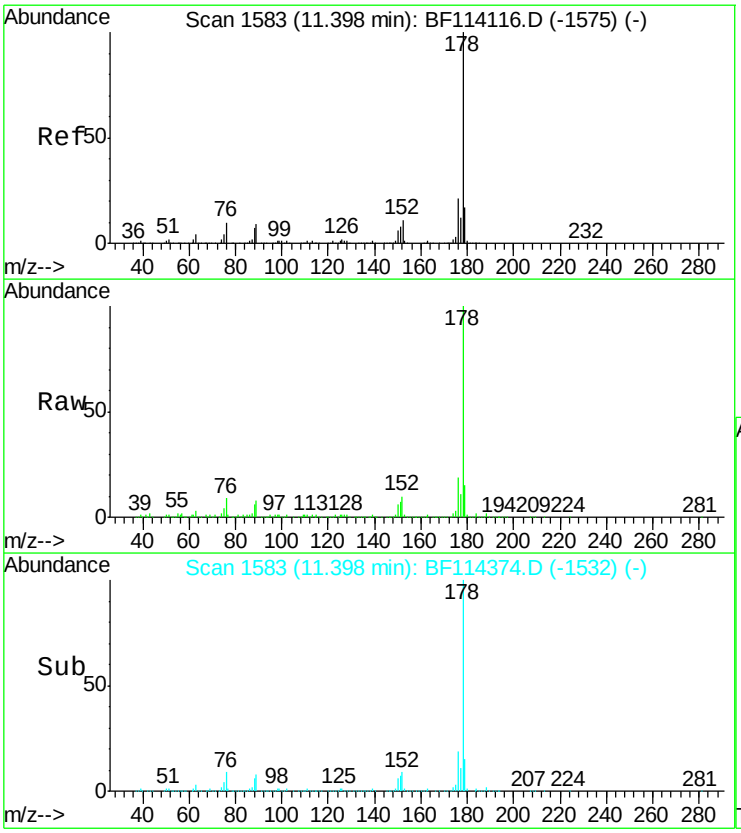
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 702244

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.4	12.6
80	10.0	9.2	13.8

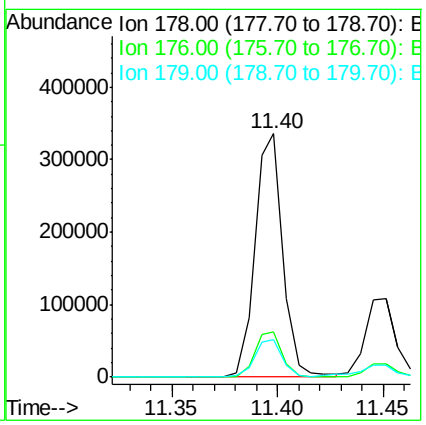


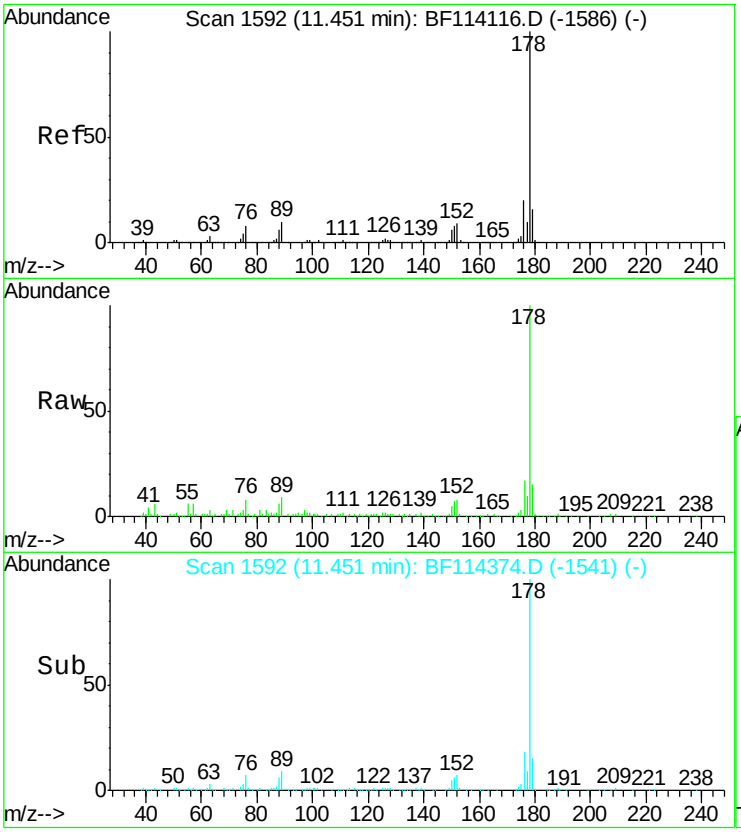


#71
Phenanthrene
Concen: 8.907 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:178 Resp: 304321

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.4	13.2	19.8



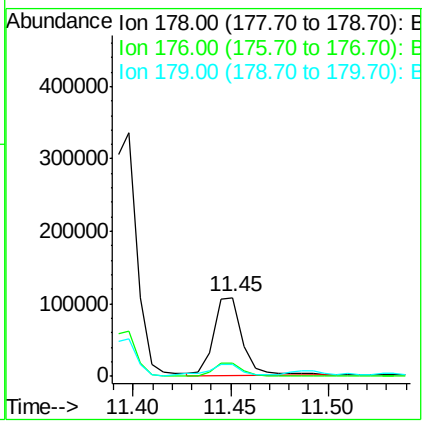


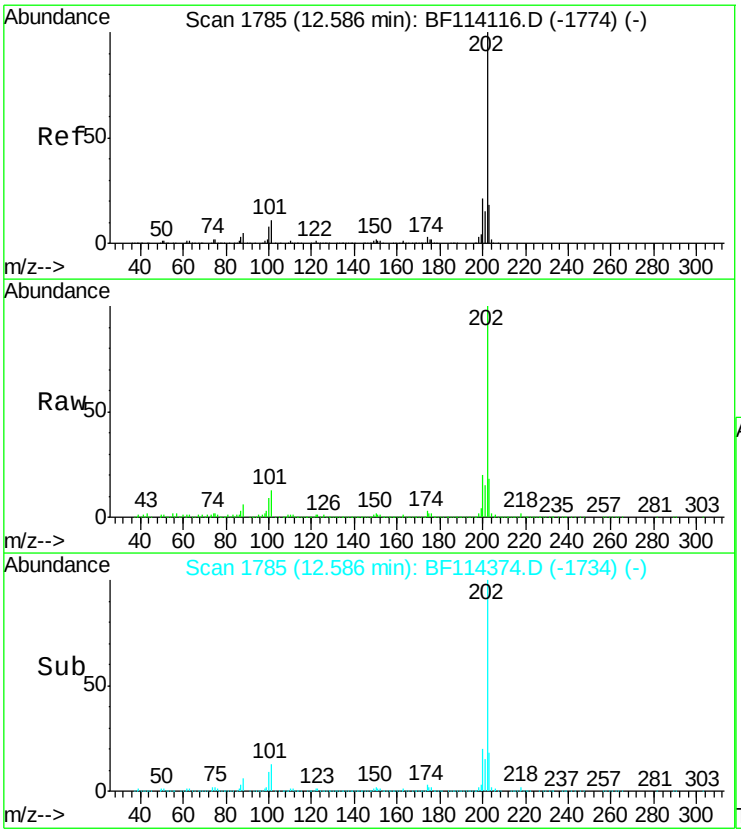
#72
Anthracene
Concen: 3.183 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109235

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	15.3	13.0	19.4

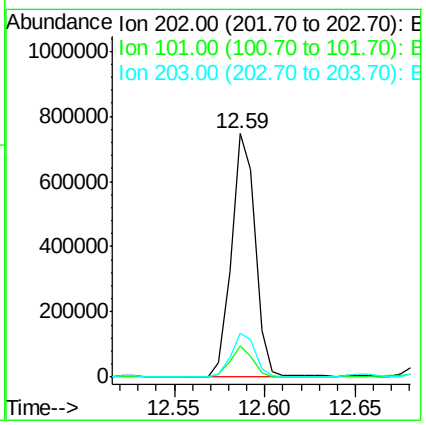


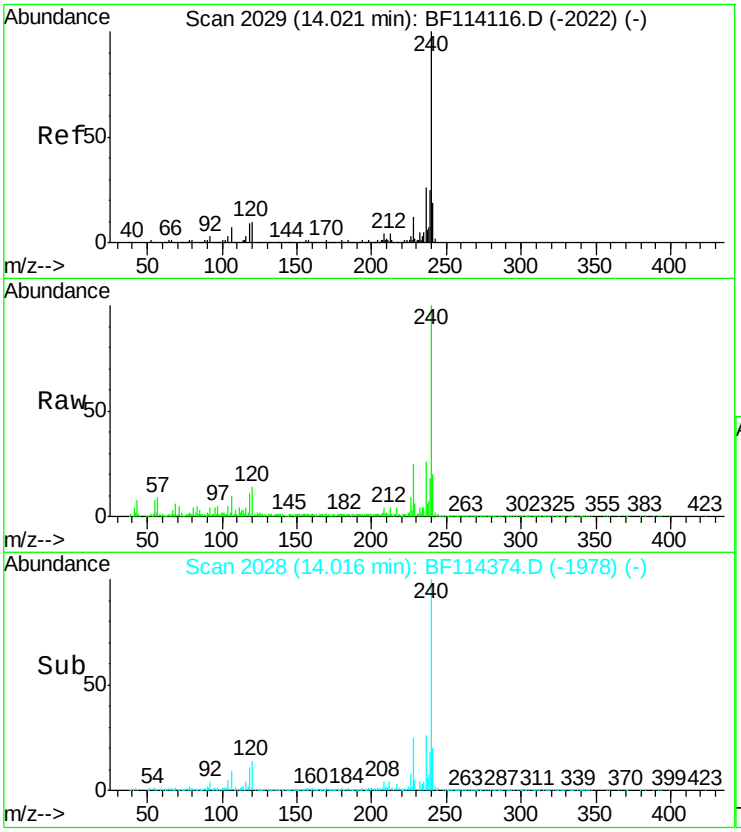


#75
Fluoranthene
Concen: 18.568 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:202 Resp: 683153

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.0
203	17.9	0.0	38.4



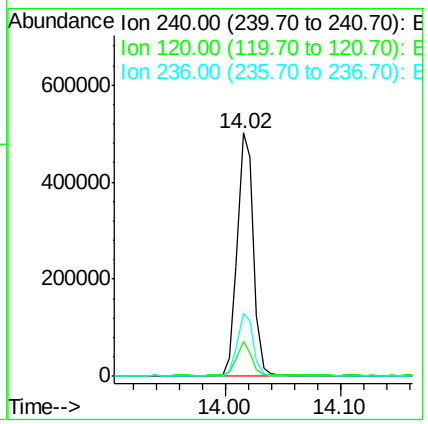


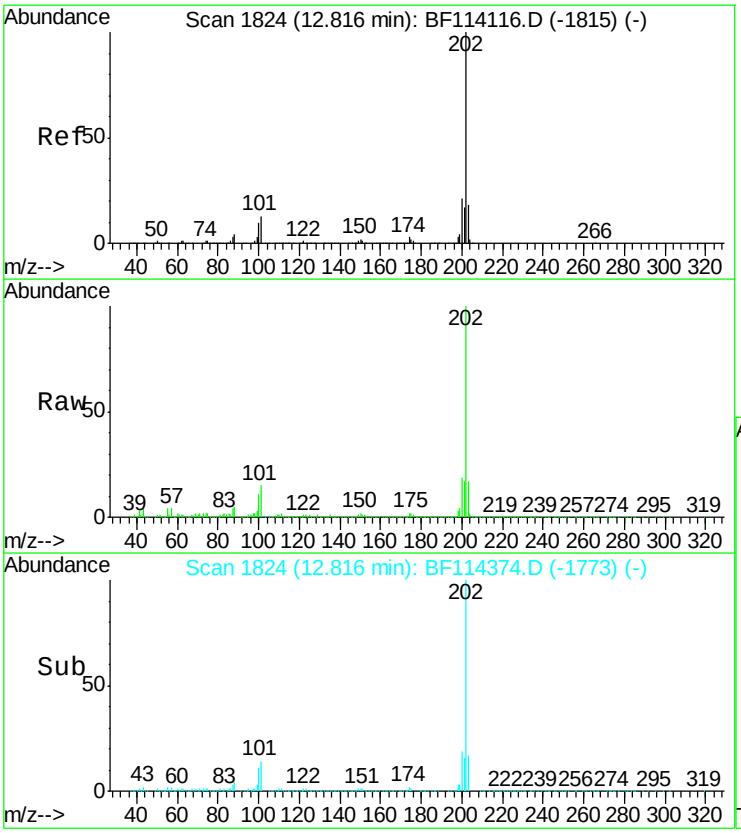
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 483317

Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	25.8	20.8	31.2

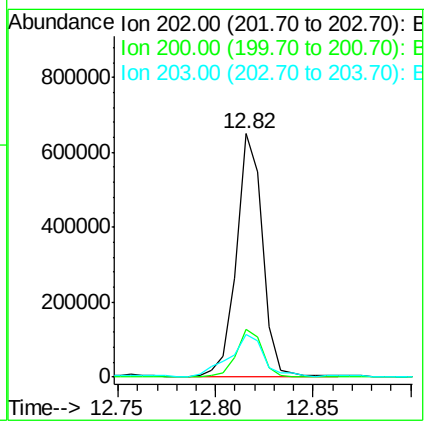


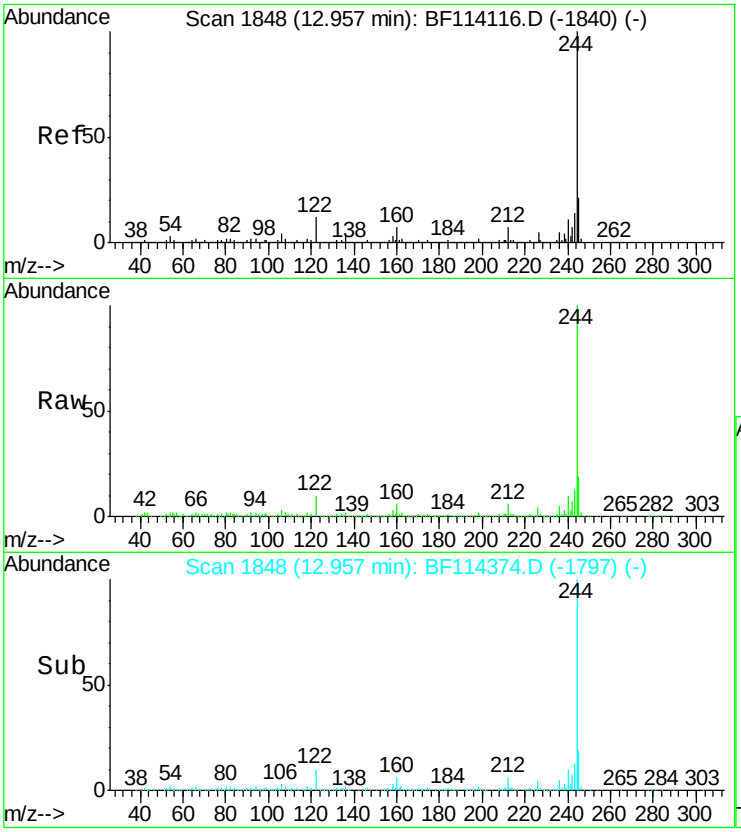


#78
Pyrene
Concen: 15.478 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:202 Resp: 601790

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.3	14.5	21.7



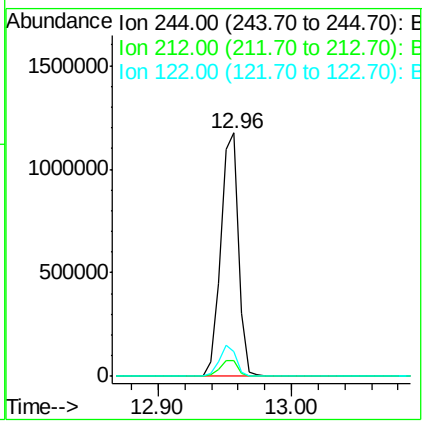


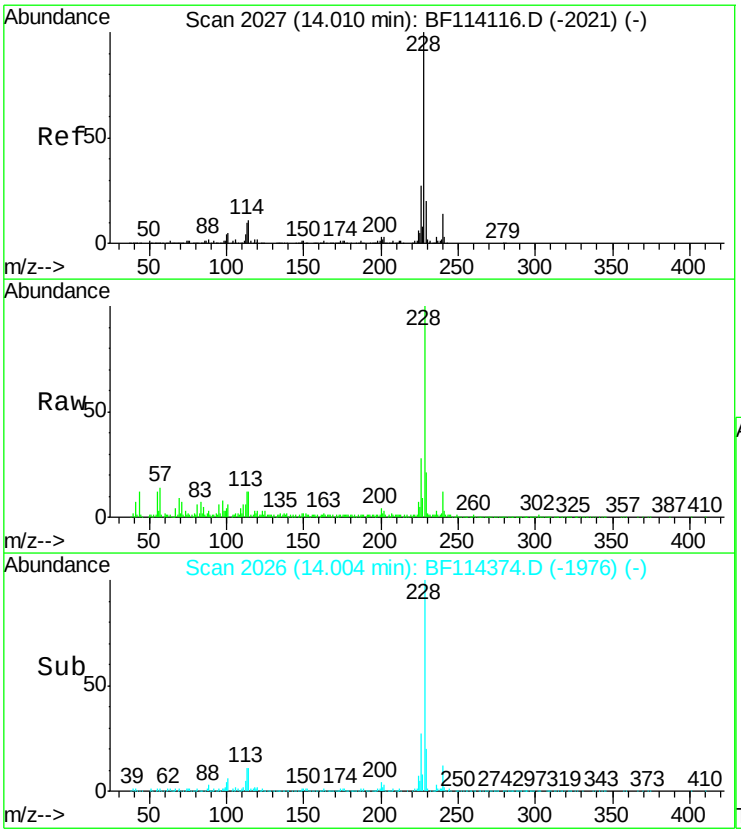
#79
Terphenyl-d14
Concen: 47.240 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1107586

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.6
122	10.0	9.4	14.2

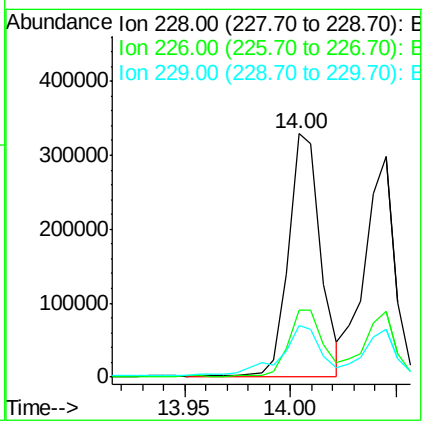


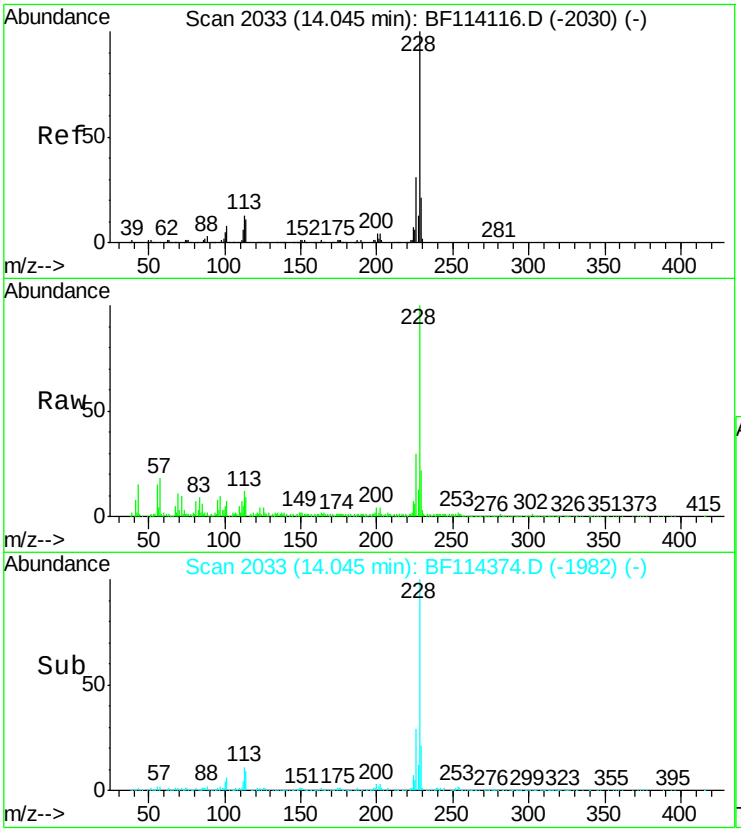


#81
Benzo(a)anthracene
Concen: 11.084 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:228 Resp: 346505

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	21.0	16.4	24.6



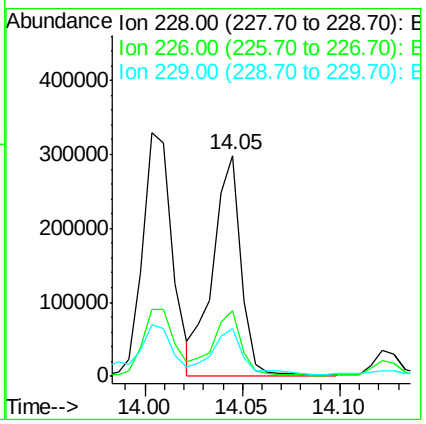


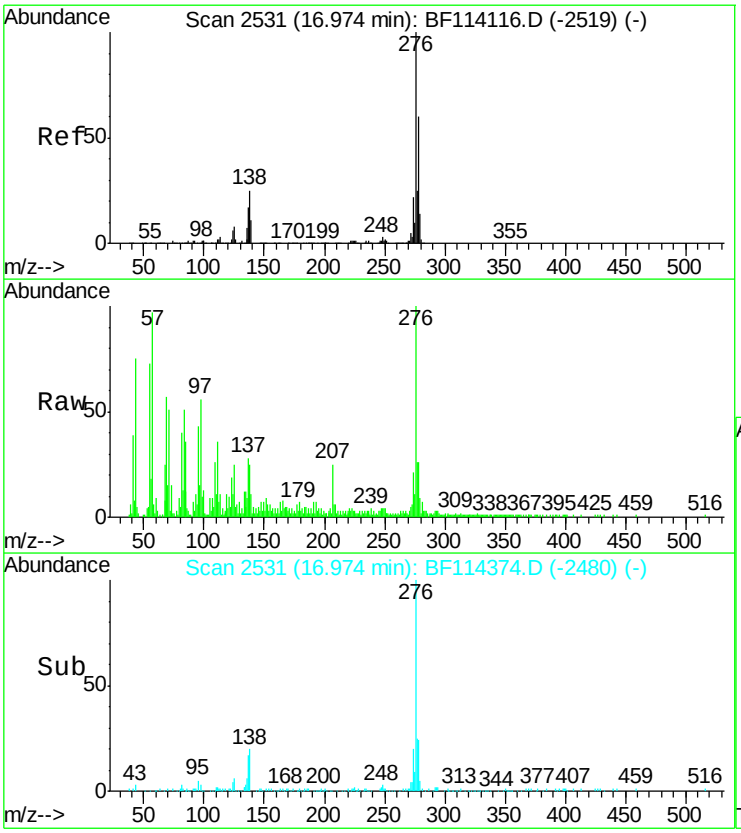
#83
Chrysene
Concen: 9.695 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 297093

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.5	17.0	25.6

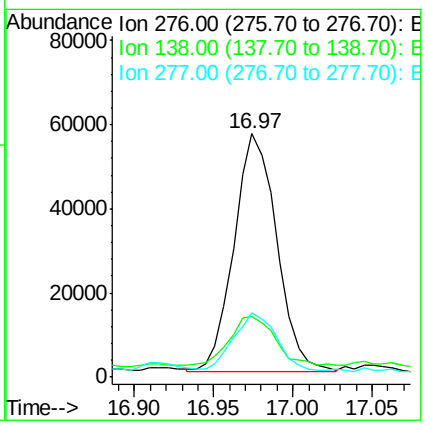


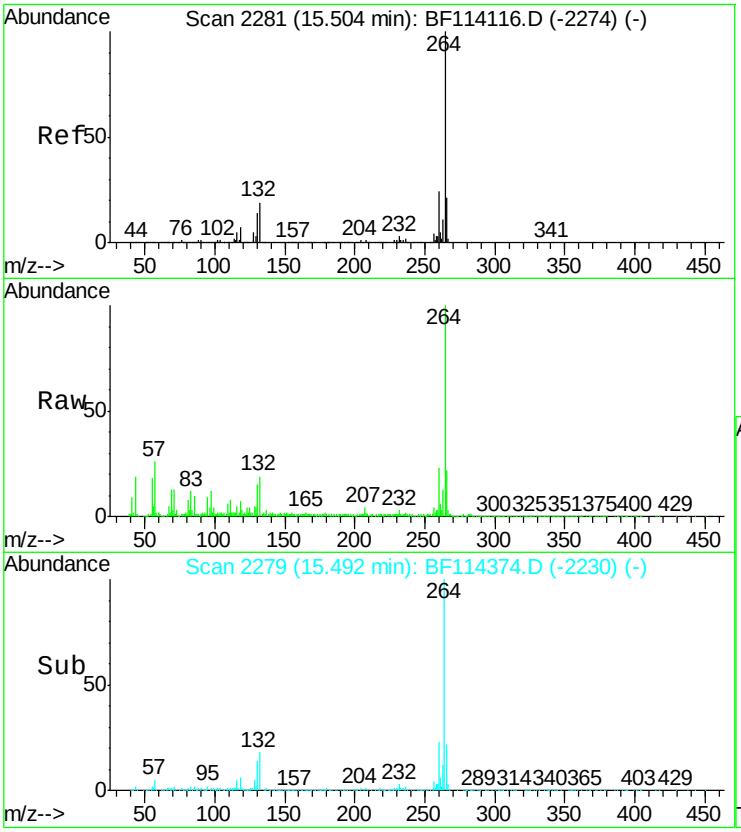


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.929 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:276 Resp: 106417

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.2	30.2
277	23.6	20.0	30.0



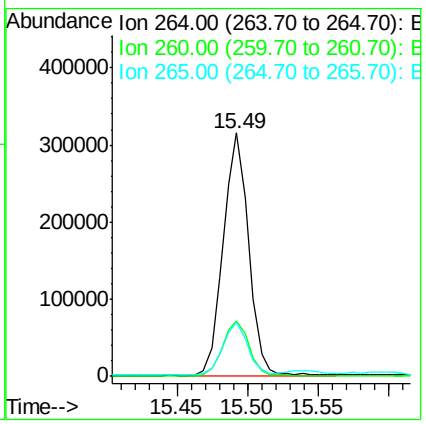


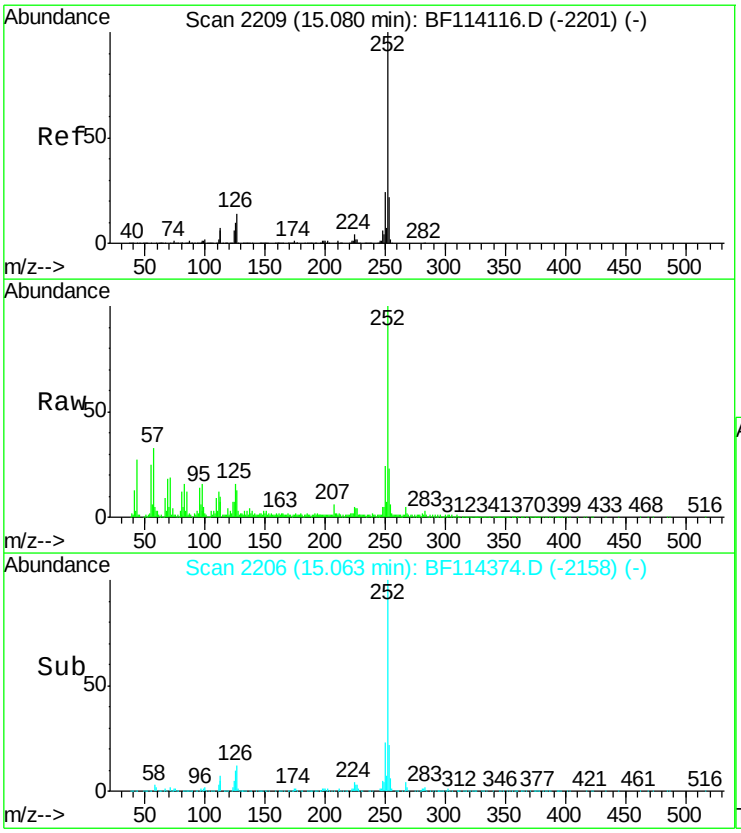
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 391779

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.0	16.9	25.3

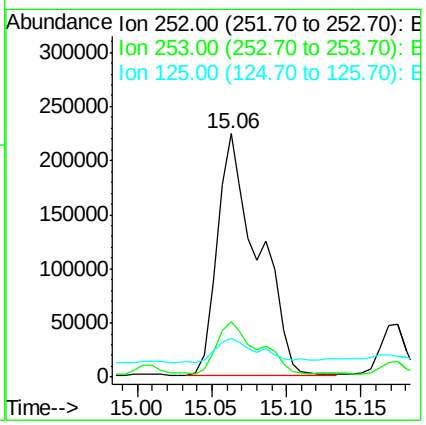


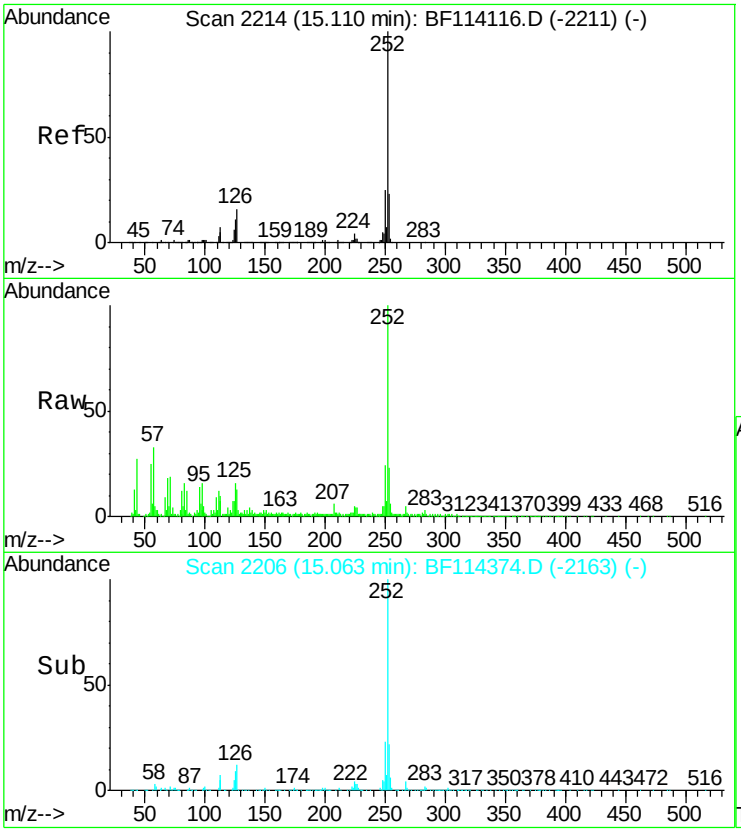


#88
Benzo(b)fluoranthene
Concen: 16.953 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:252 Resp: 425512

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.9	8.3	12.5#



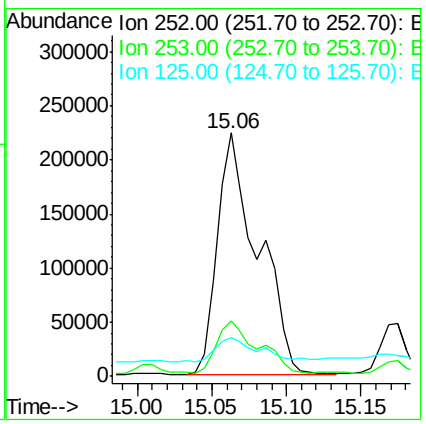


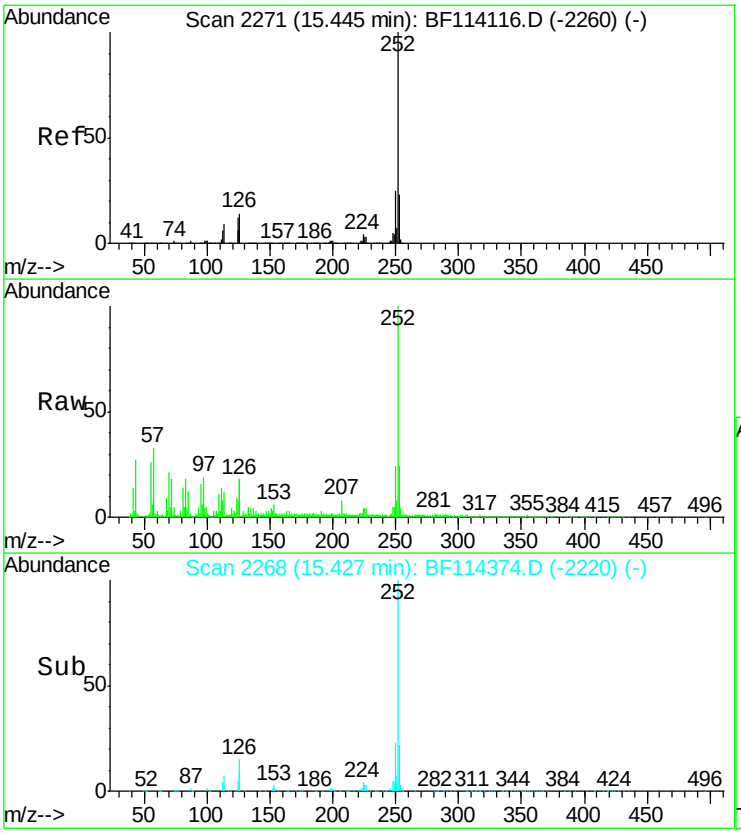
#89
Benzo(k)fluoranthene
Concen: 18.455 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 425512

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	15.9	8.6	13.0#

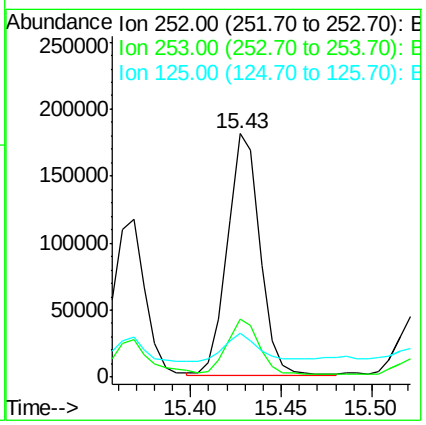


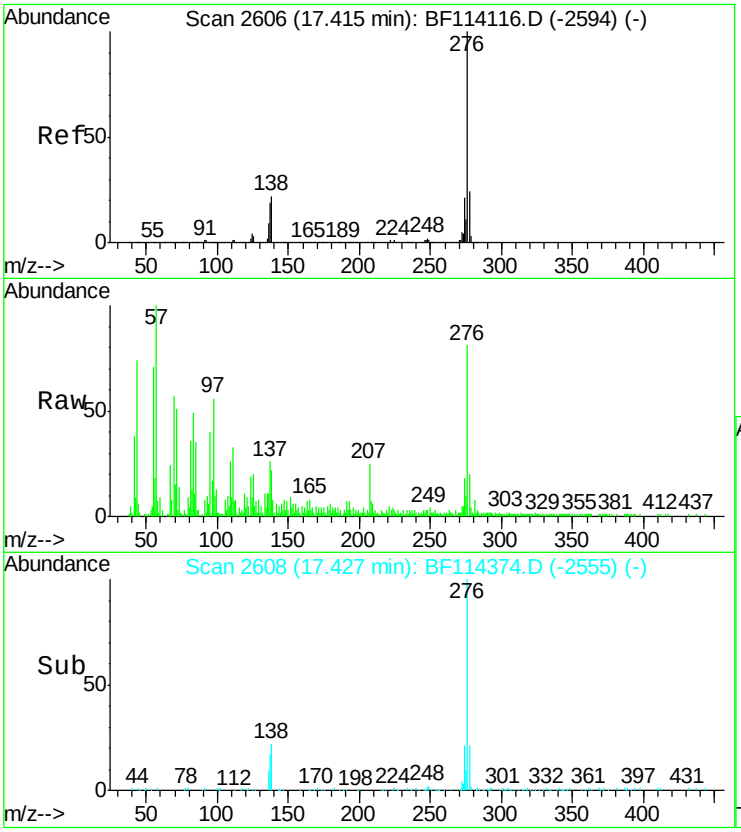


#90
Benzo(a)pyrene
Concen: 10.207 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion:252 Resp: 225471

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.1	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 5.092 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 93667

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	27.3	17.8	26.6#