Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Time: May 11 04:04:03 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	322459	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1197592	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	495038	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	940329	20.00	ng		0.00
76) Chrysene-d12	14.01	240	617832	20.00	ng		-0.01
87) Perylene-d12	15.47	264	505356	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	169246	8.45	ng		0.00
7) Phenol-d6	6.48	99	570415	24.07	ng		-0.01
23) Nitrobenzene-d5	7.41	82	326612	15.31	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	12274	2.40	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	588395	17.98	ng		0.00
79) Terphenyl-d14	12.95	244	556995	18.58	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.41	82	320200	8.091	ng	#	65
32) Benzoic acid	7.92	122	361	7.047	ng	#	31
50) Dimethylphthalate	9.60	163	86230	2.373	ng		99
51) 2,6-Dinitrotoluene	9.89	165	67209	8.338	ng	#	22
57) 2,4-Dinitrotoluene	9.89	165	67209	6.143	ng	#	25
71) Phenanthrene	11.39	178	321051	7.018	ng		98
75) Fluoranthene	12.58	202	441178	8.955	ng		98
78) Pyrene	12.81	202	413849	8.327	ng		98
81) Benzo(a)anthracene	14.00	228	183053	4.581	ng		93
83) Chrysene	14.03	228	163237	4.167	ng		97
88) Benzo(b)fluoranthene	15.05	252	178131	5.502	ng	#	75
89) Benzo(k)fluoranthene	15.05	252	178131	5.989	ng	#	76
90) Benzo(a)pyrene	15.41	252	98703	3.464	ng	#	81
92) Benzo(g,h,i)perylene	17.39	276	57831	2.437	ng	#	83

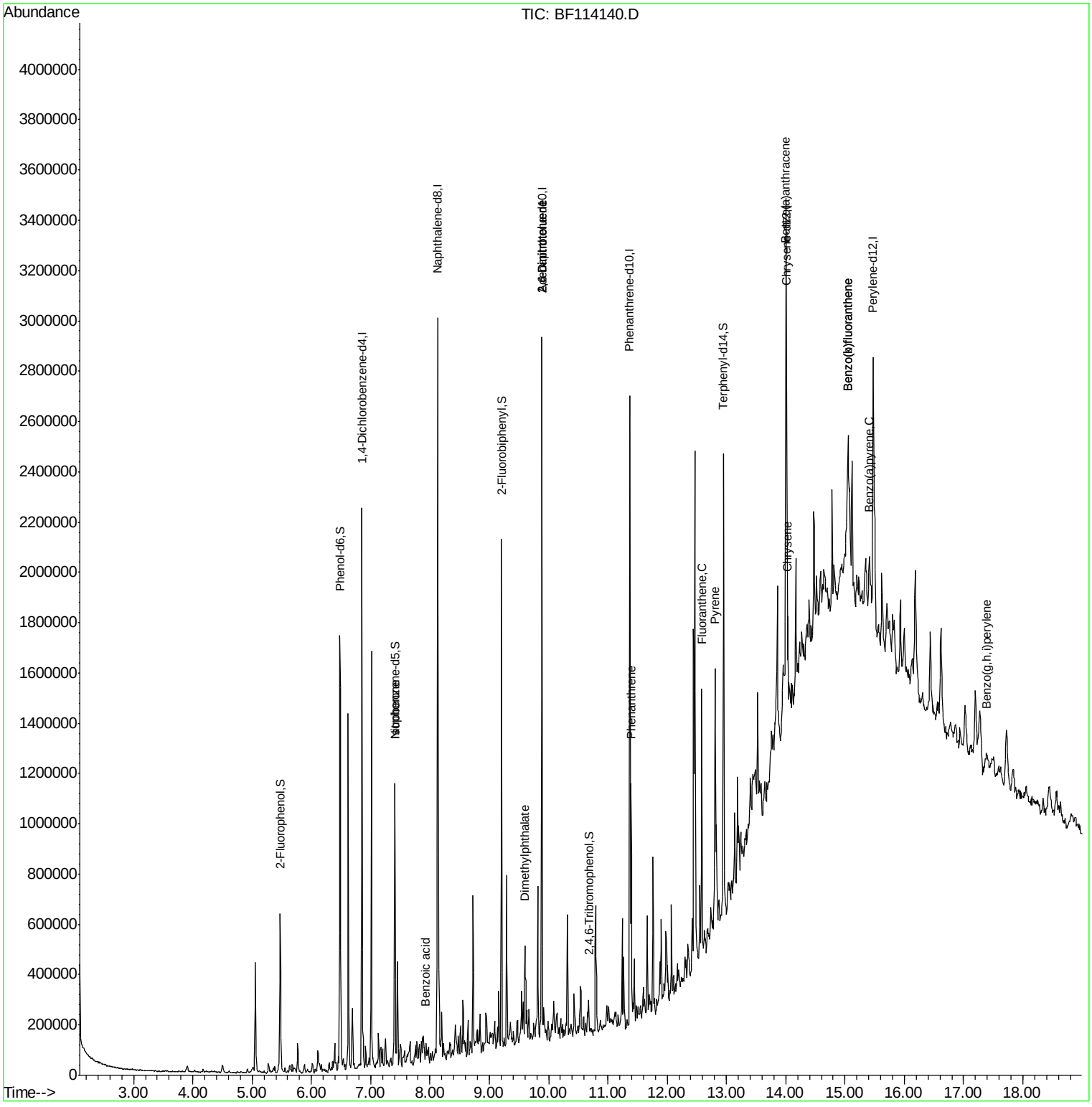
(#) = qualifier out of range (m) = manual integration (+) = signals summed

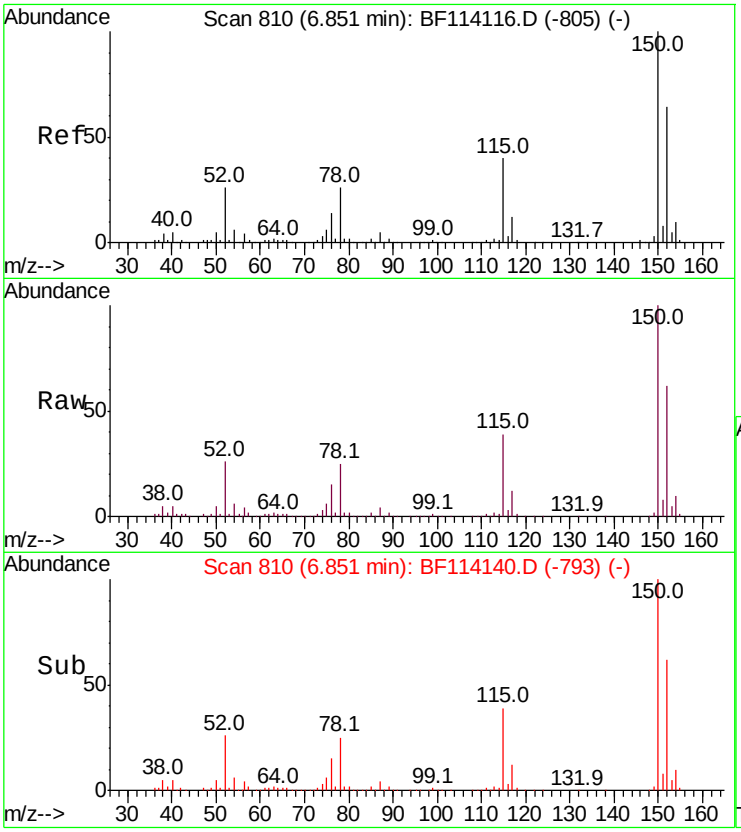
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114140.D
Acq On : 11 May 2019 00:06
Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Quant Time: May 11 04:04:03 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



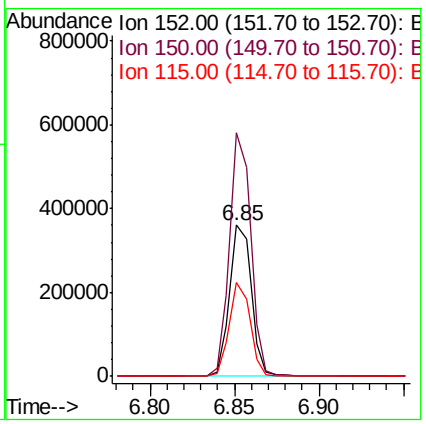


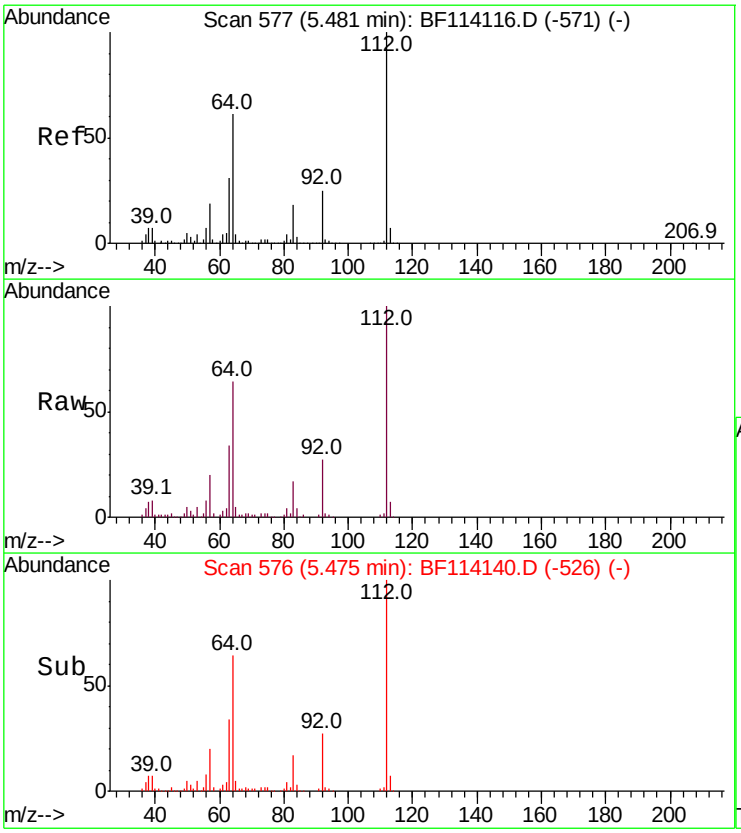
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:152 Resp: 322459

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.3	186.5
115	62.5	49.1	73.7

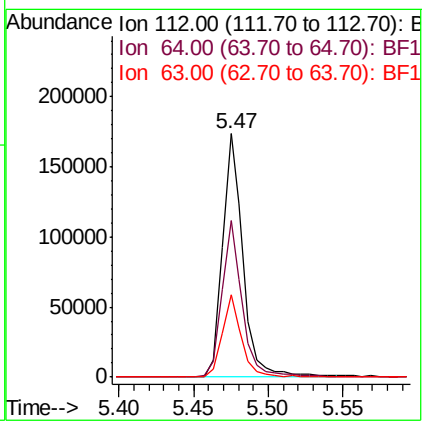


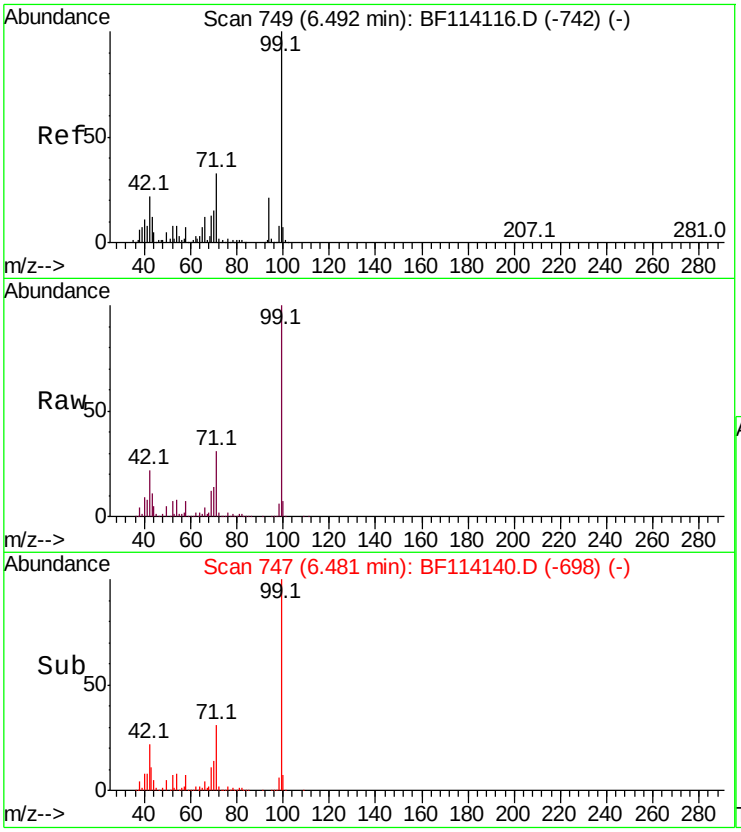


#5
2-Fluorophenol
Concen: 8.446 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:112 Resp: 169246

Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.0	73.6
63	33.6	24.6	37.0



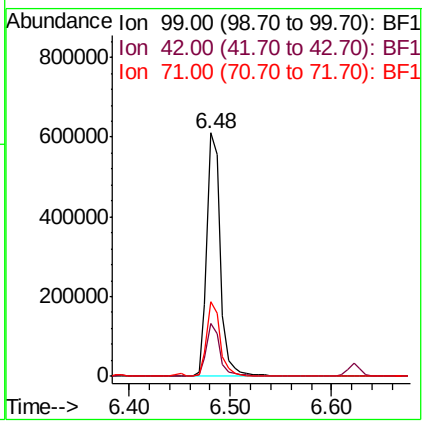


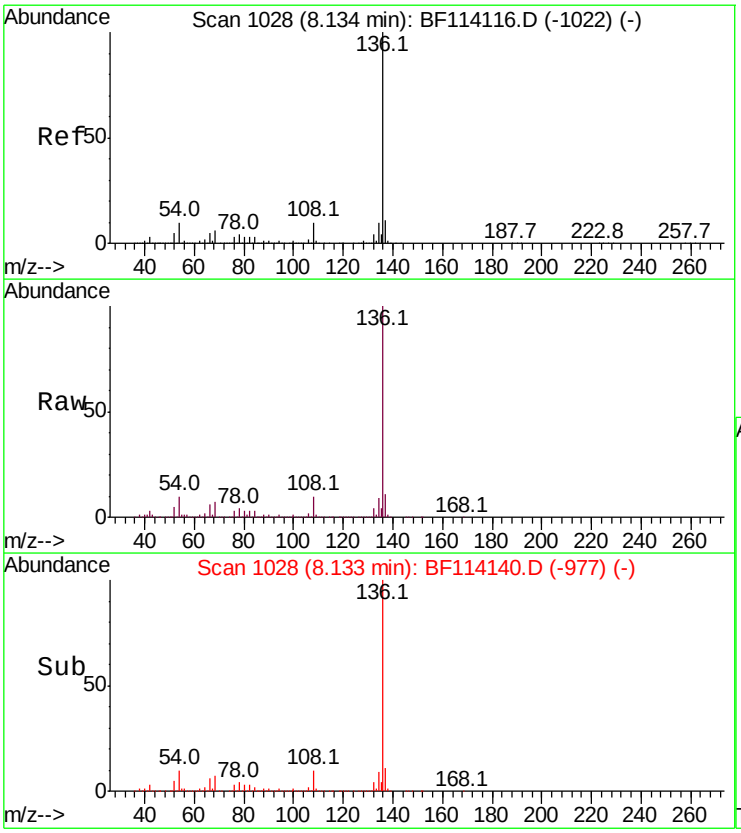
#7
Phenol-d6
Concen: 24.069 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion: 99 Resp: 570415

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	30.7	26.2	39.2

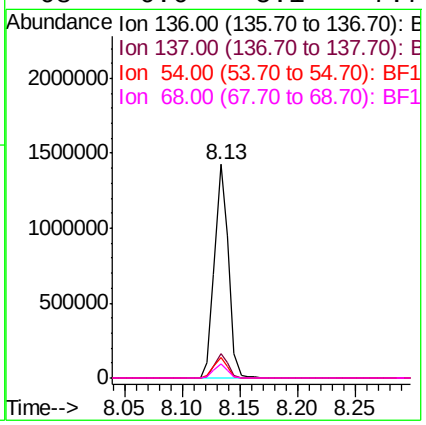


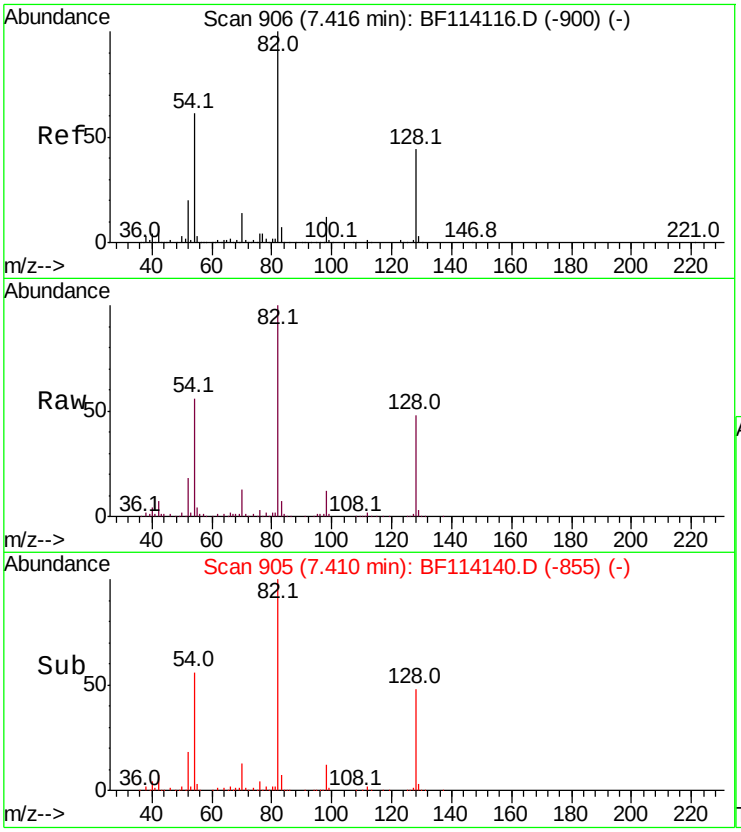


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:136 Resp: 1197592

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.9	7.8	11.8
68	6.6	5.1	7.7



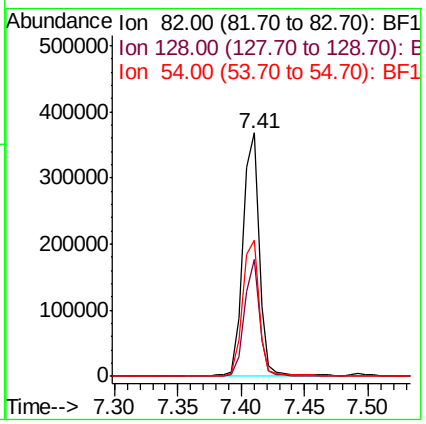


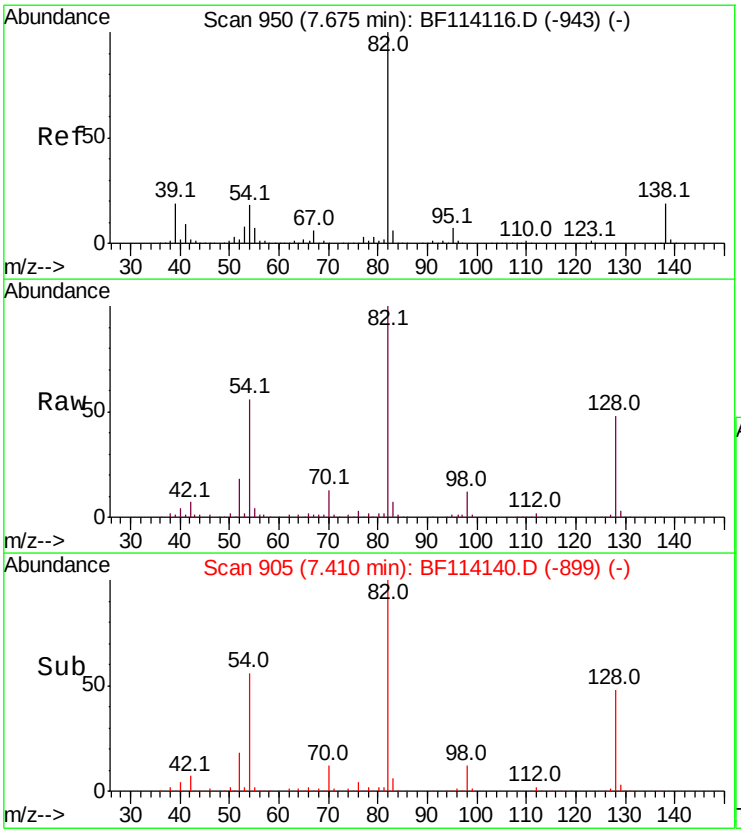
#23
Nitrobenzene-d5
Concen: 15.305 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion: 82 Resp: 326612

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.5	53.3
54	55.9	48.5	72.7

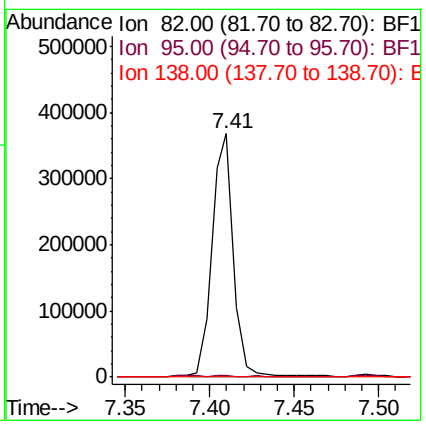


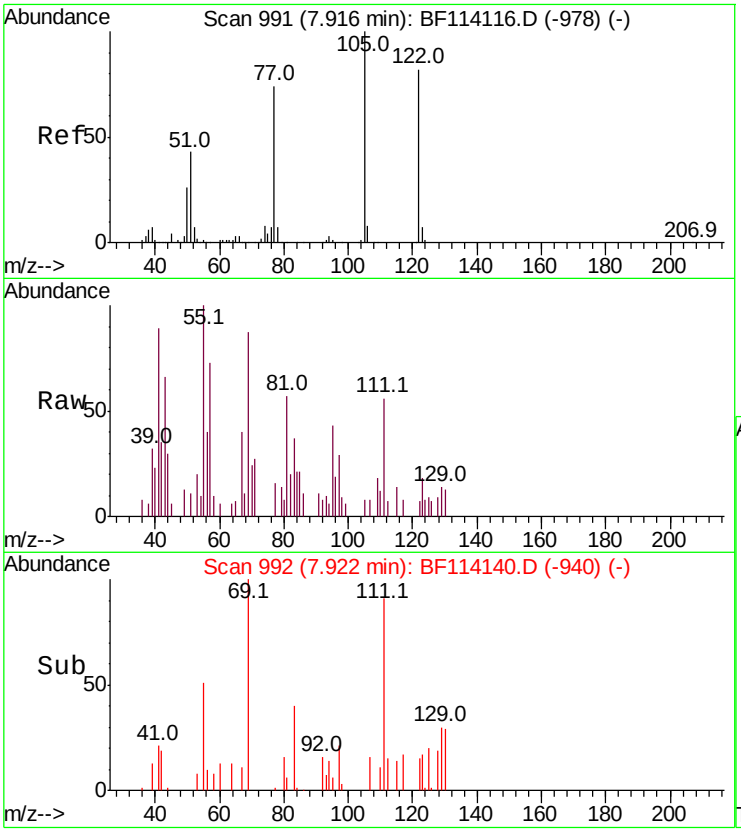


#25
Isophorone
Concen: 8.091 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion: 82 Resp: 320200

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.6	8.4#
138	0.0	14.8	22.2#



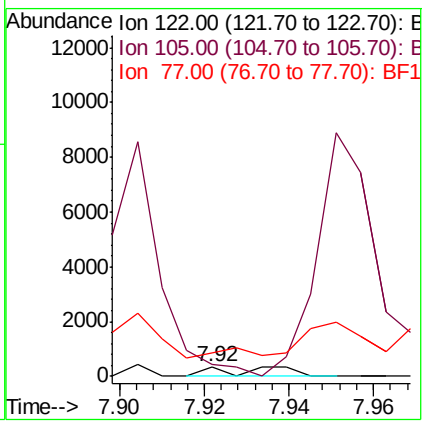


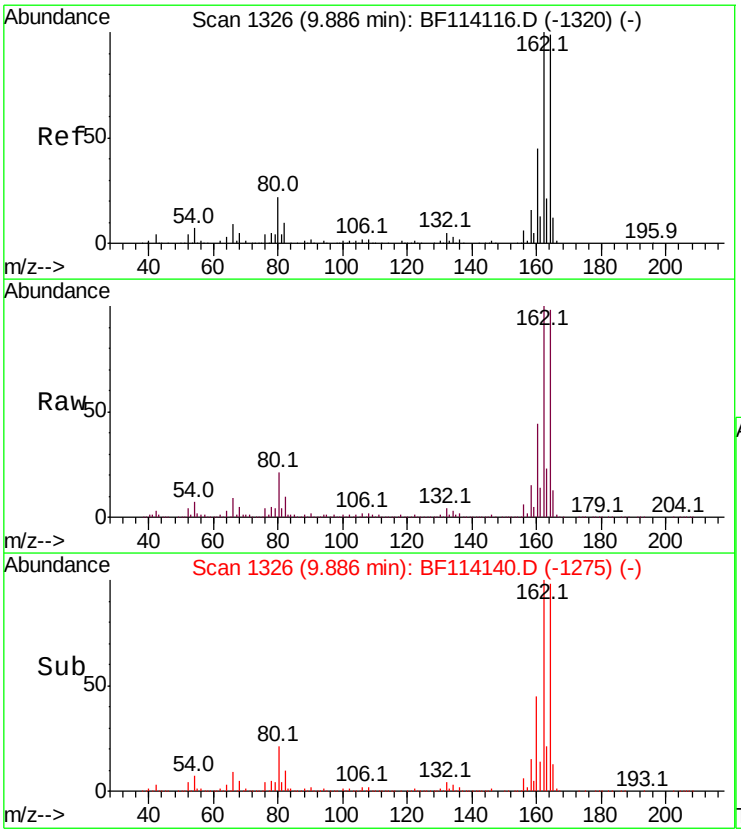
#32
Benzoic acid
Concen: 7.047 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:122 Resp: 361

Ion	Ratio	Lower	Upper
122	100		
105	120.1	99.9	139.9
77	240.2	69.4	109.4#

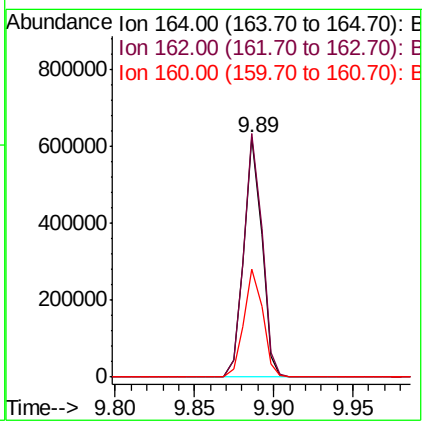


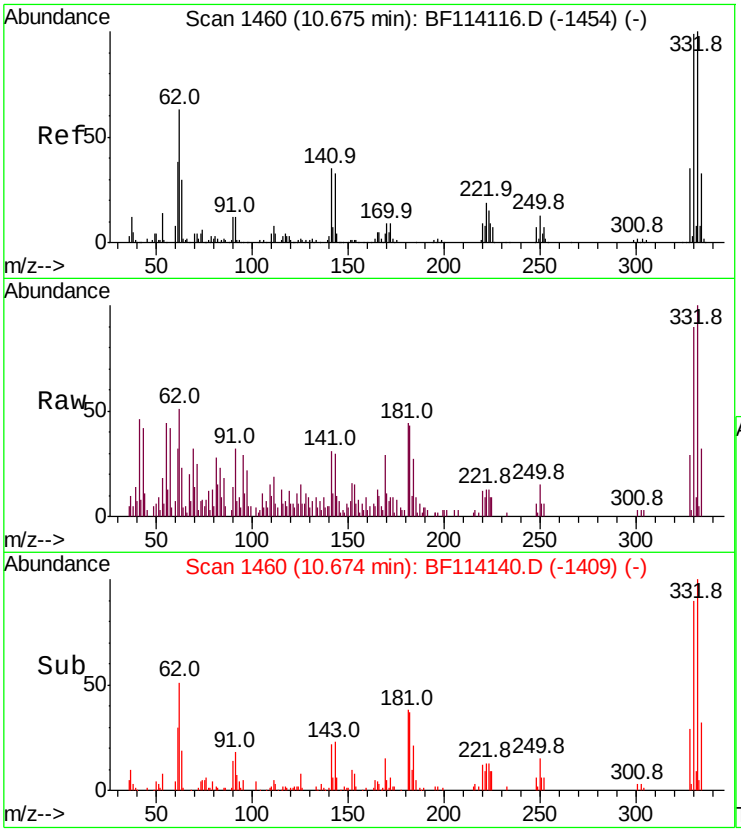


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:164 Resp: 495038

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.2	36.5	54.7



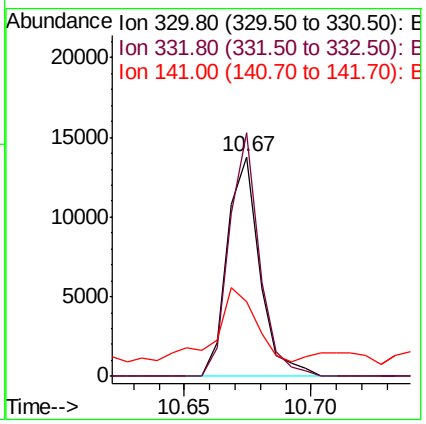


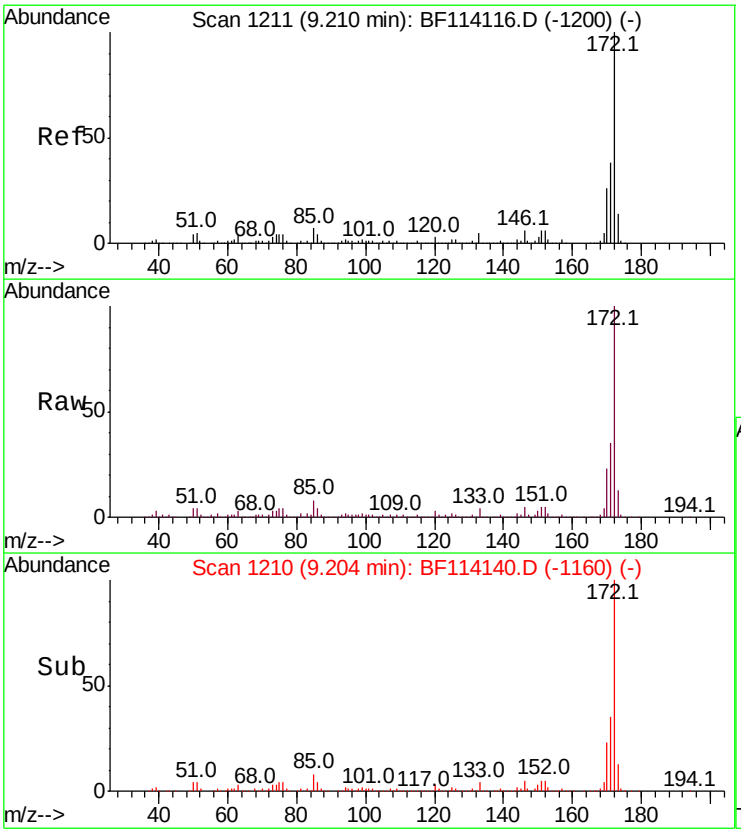
#42
2,4,6-Tribromophenol
Concen: 2.398 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:330 Resp: 12274

Ion	Ratio	Lower	Upper
330	100		
332	102.6	81.4	122.2
141	41.8	26.6	40.0#

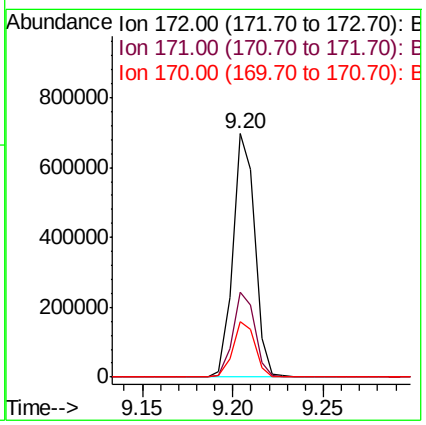


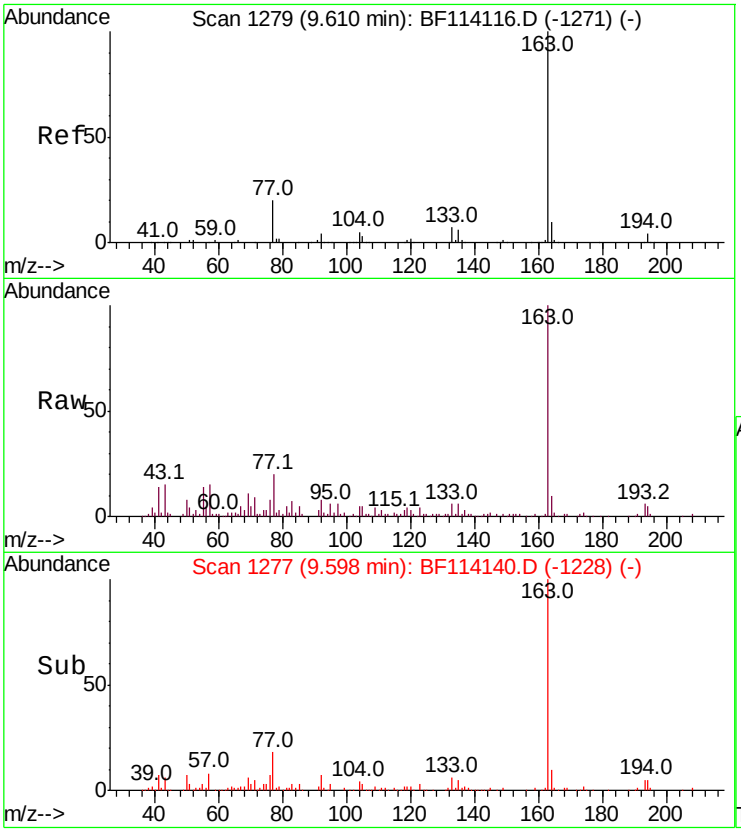


#45
2-Fluorobiphenyl
Concen: 17.979 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:172 Resp: 588395

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.7	46.1
170	23.0	20.5	30.7



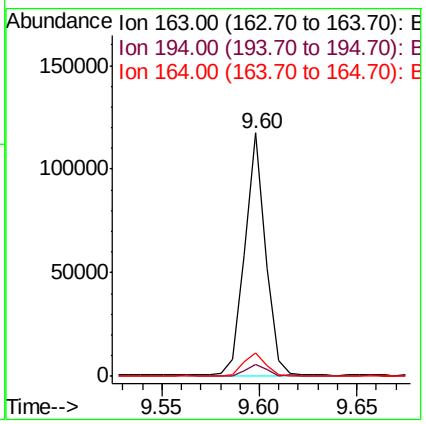


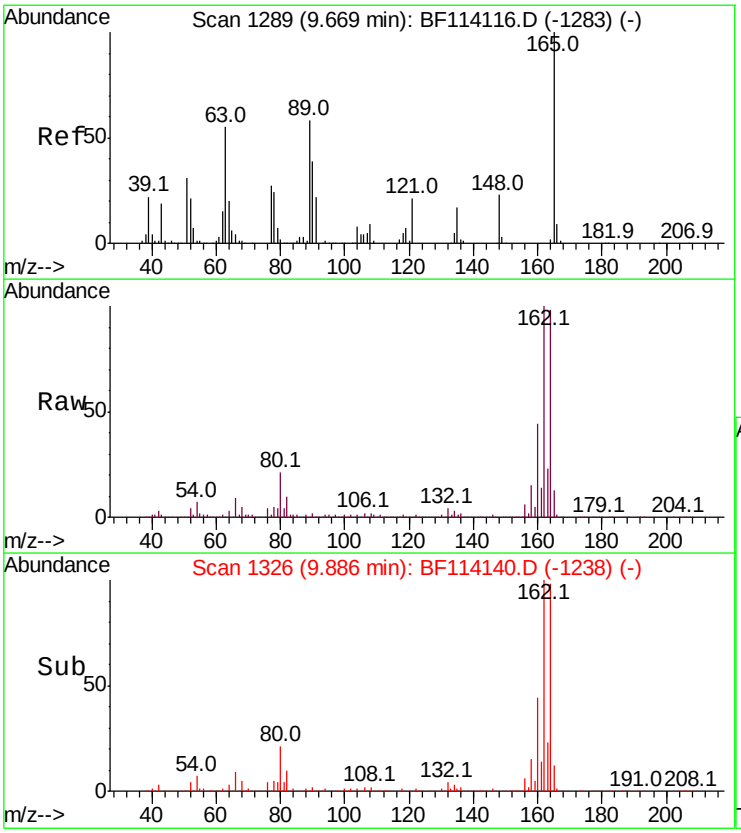
#50
Dimethylphthalate
Concen: 2.373 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:163 Resp: 86230

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.9	8.2	12.2

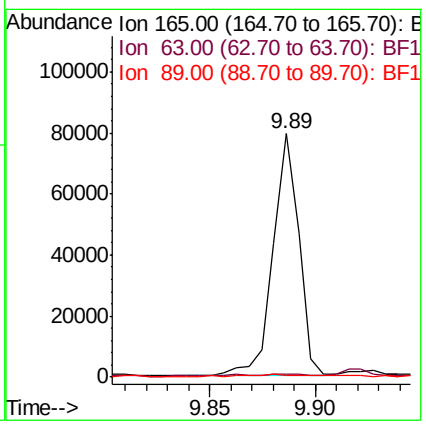


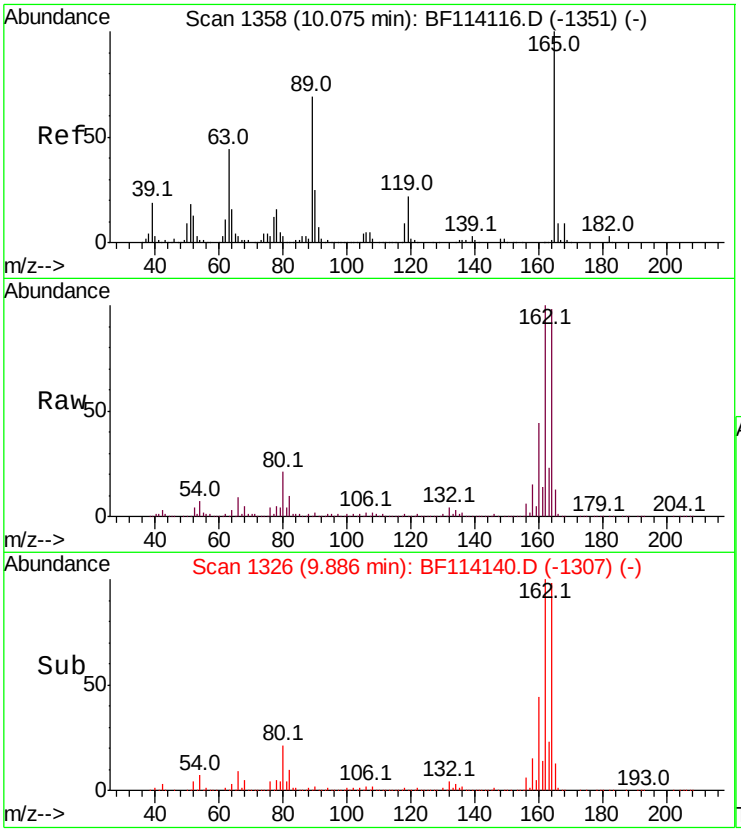


#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:165 Resp: 67209

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	0.9	46.6	69.8#



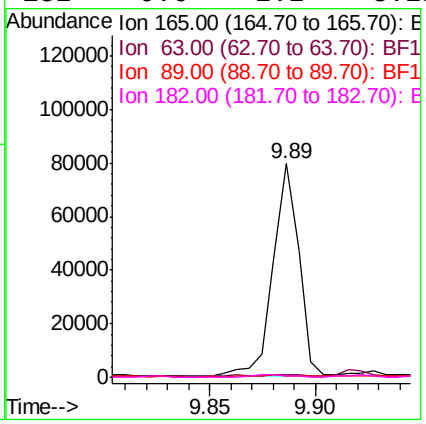


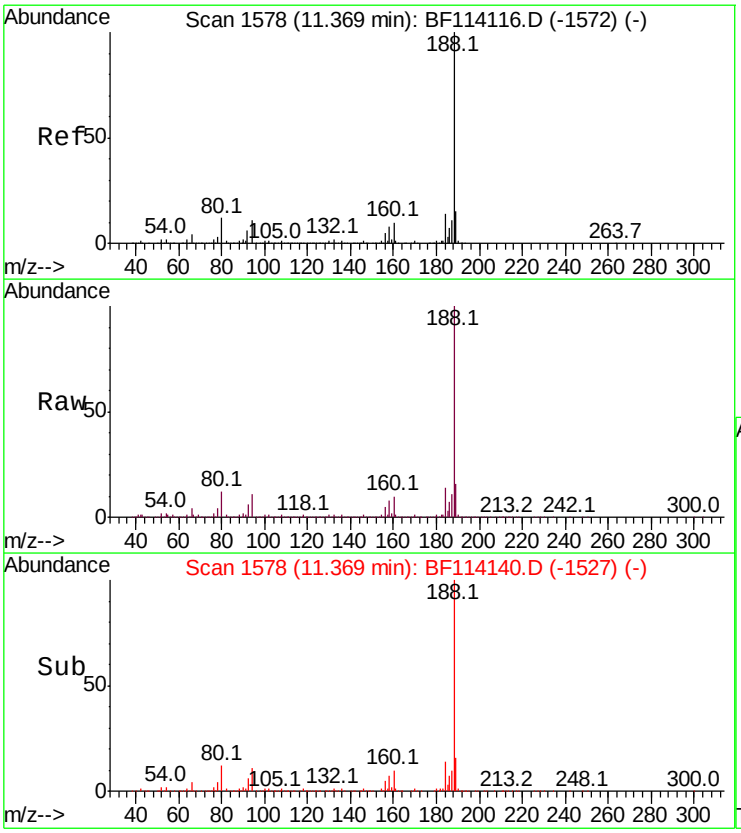
#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:165 Resp: 67209

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	0.9	55.2	82.8#
182	0.6	2.2	3.2#

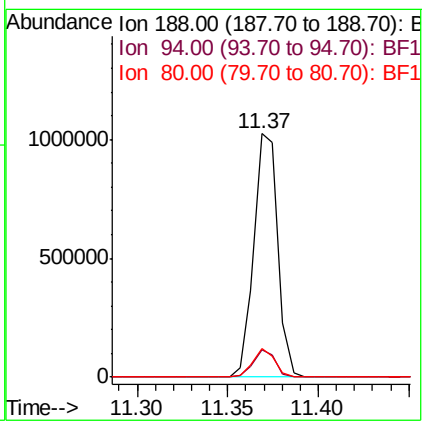


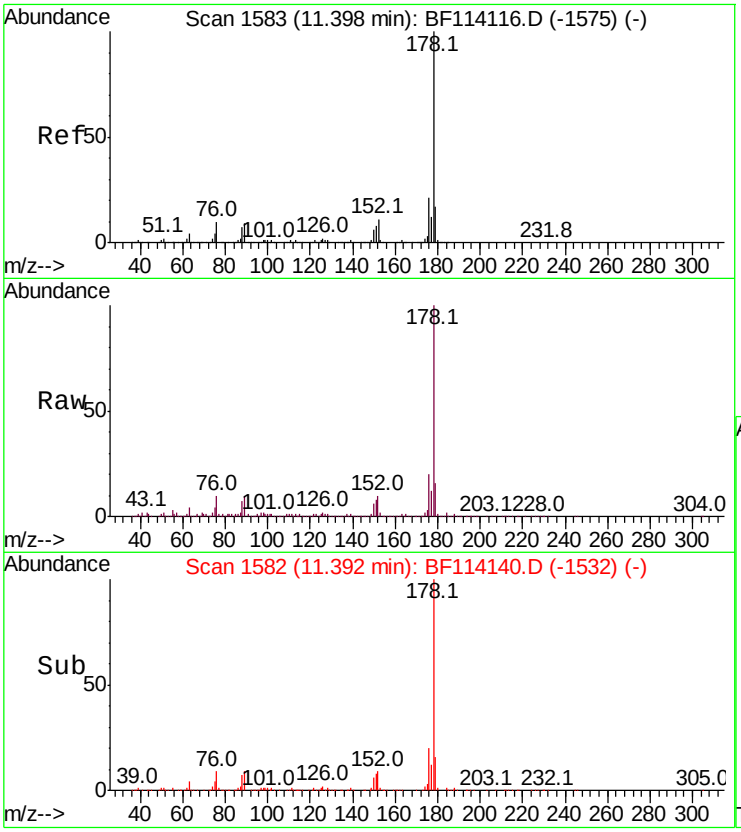


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:188 Resp: 940329

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	11.9	9.2	13.8



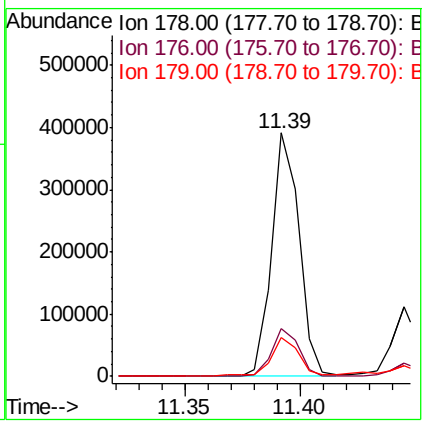


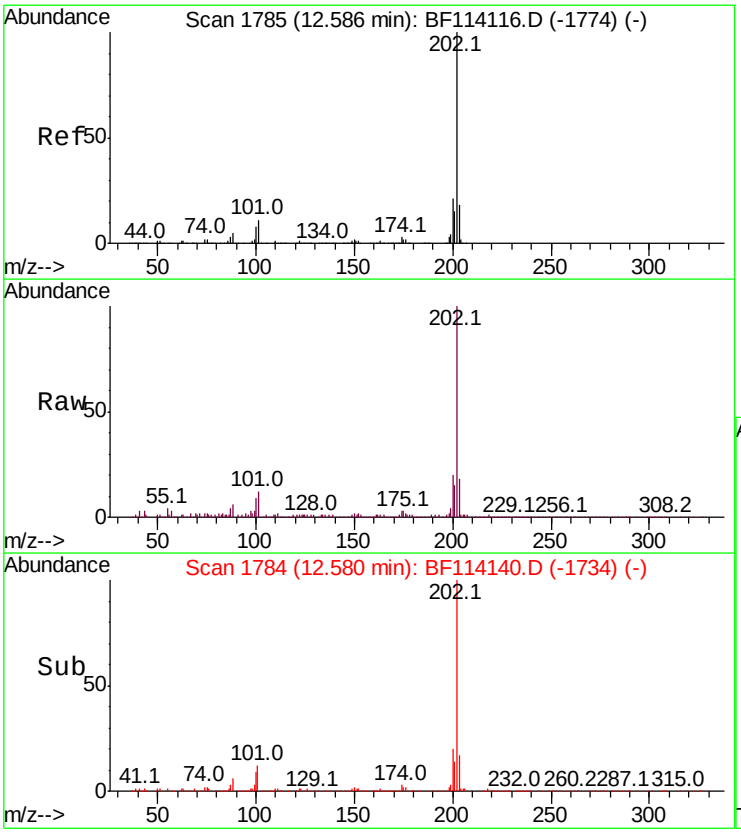
#71
Phenanthrene
Concen: 7.018 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:178 Resp: 321051

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.9	13.2	19.8

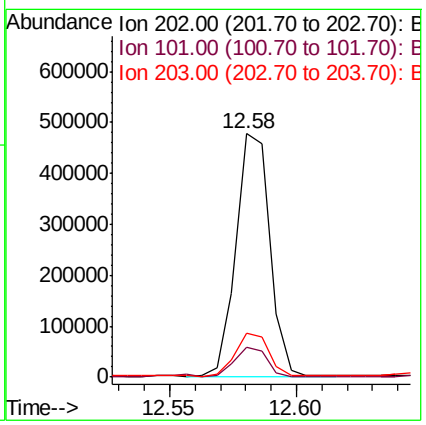


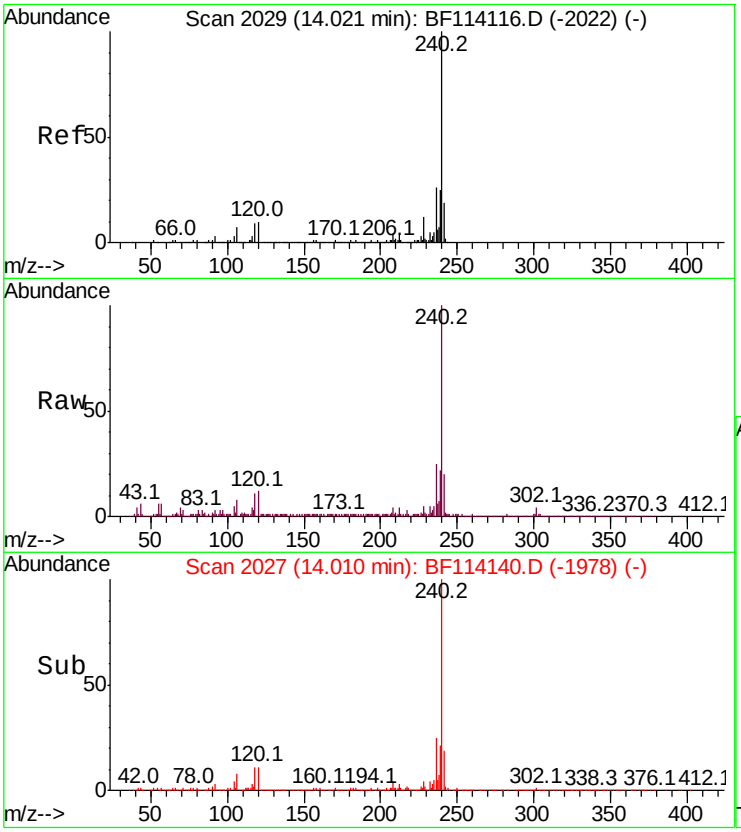


#75
Fluoranthene
Concen: 8.955 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:202 Resp: 441178

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	17.9	0.0	38.4



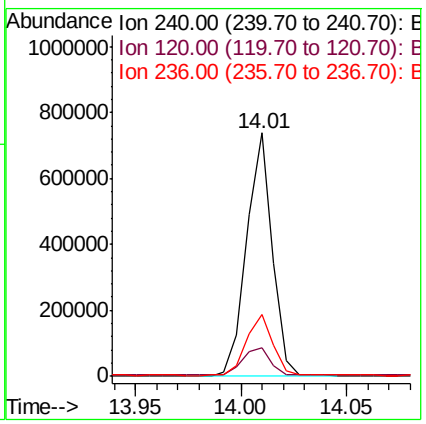


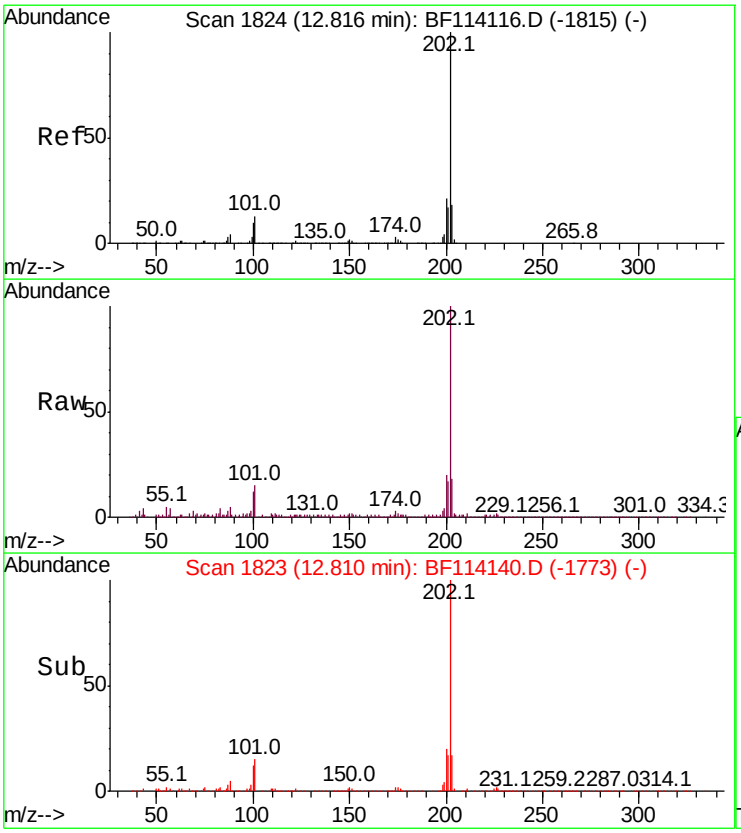
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:240 Resp: 617832

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.4	20.8	31.2

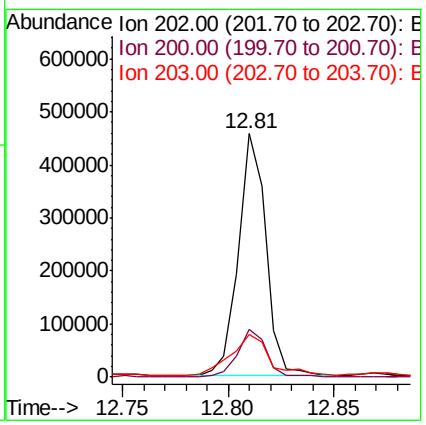


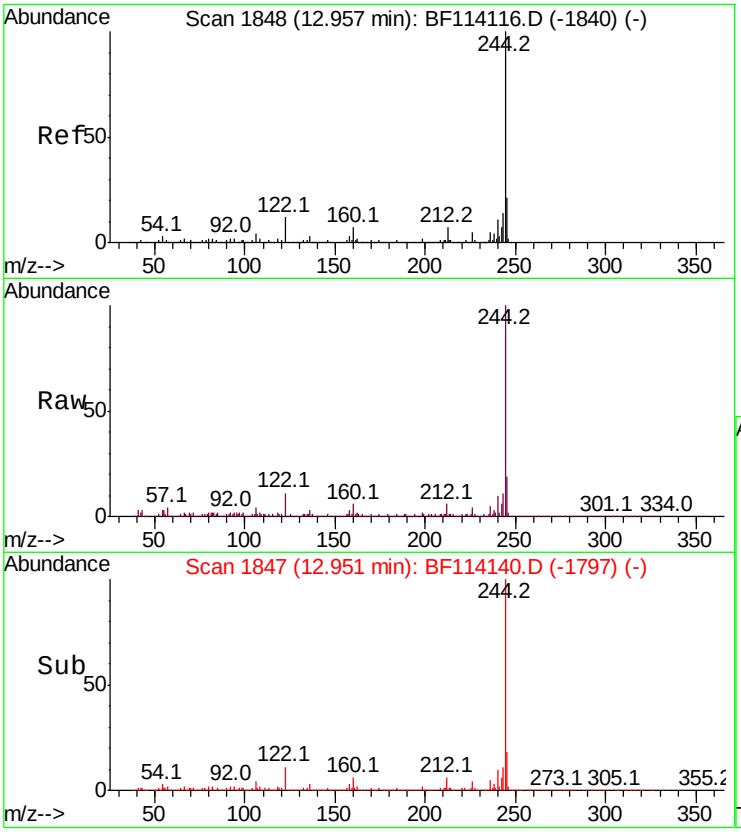


#78
Pyrene
Concen: 8.327 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:202 Resp: 413849

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.9	25.3
203	17.5	14.5	21.7



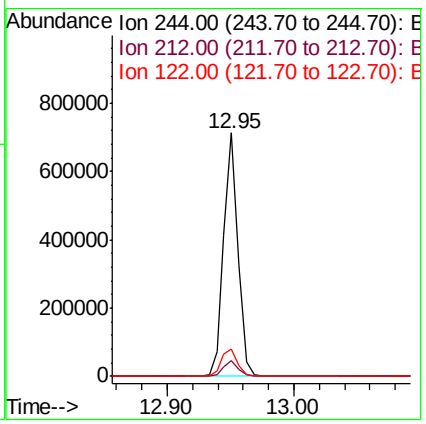


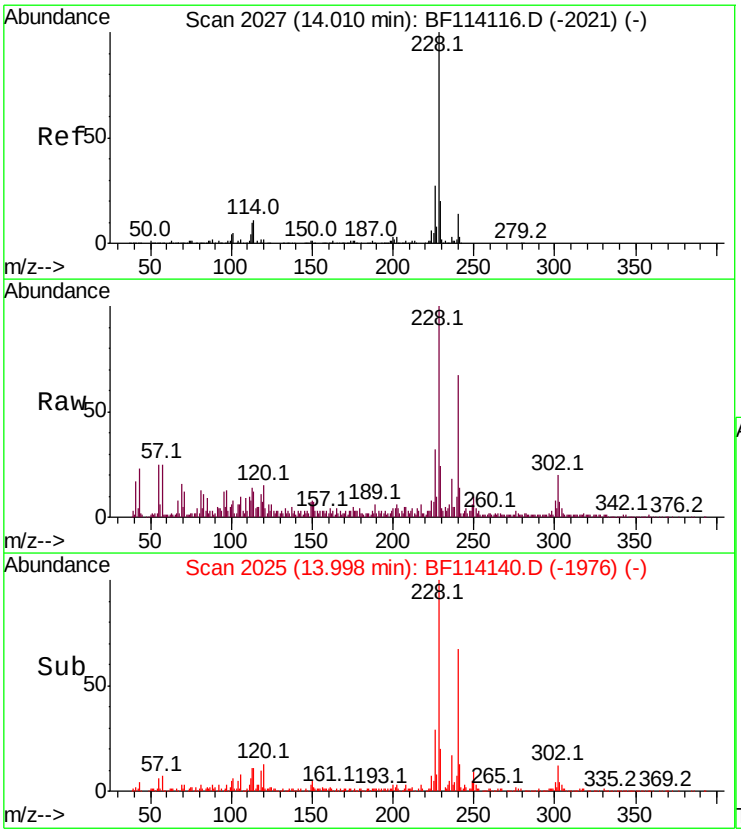
#79
Terphenyl-d14
Concen: 18.584 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:244 Resp: 556995

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.4	9.4	14.2

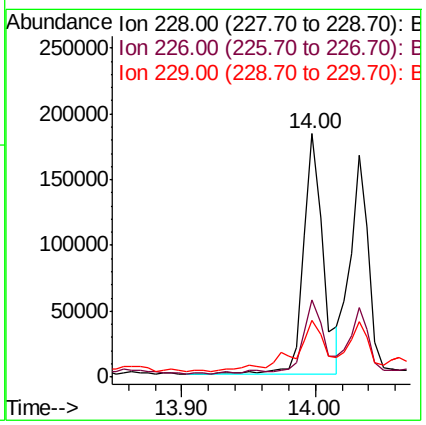


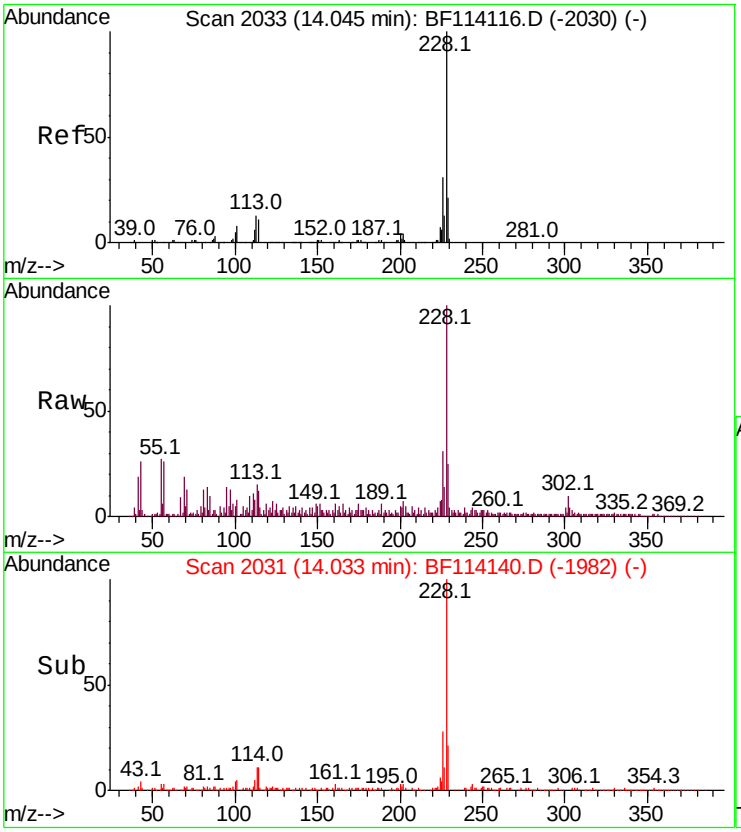


#81
Benzo(a)anthracene
Concen: 4.581 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:228 Resp: 183053

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.2
229	23.6	16.4	24.6



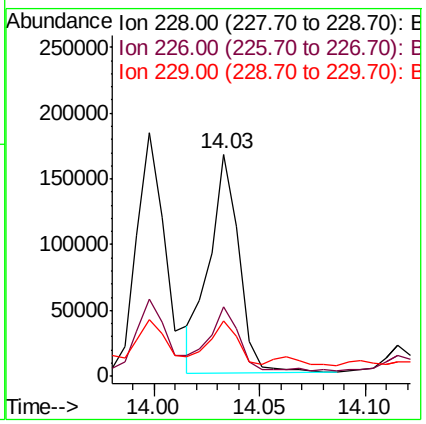


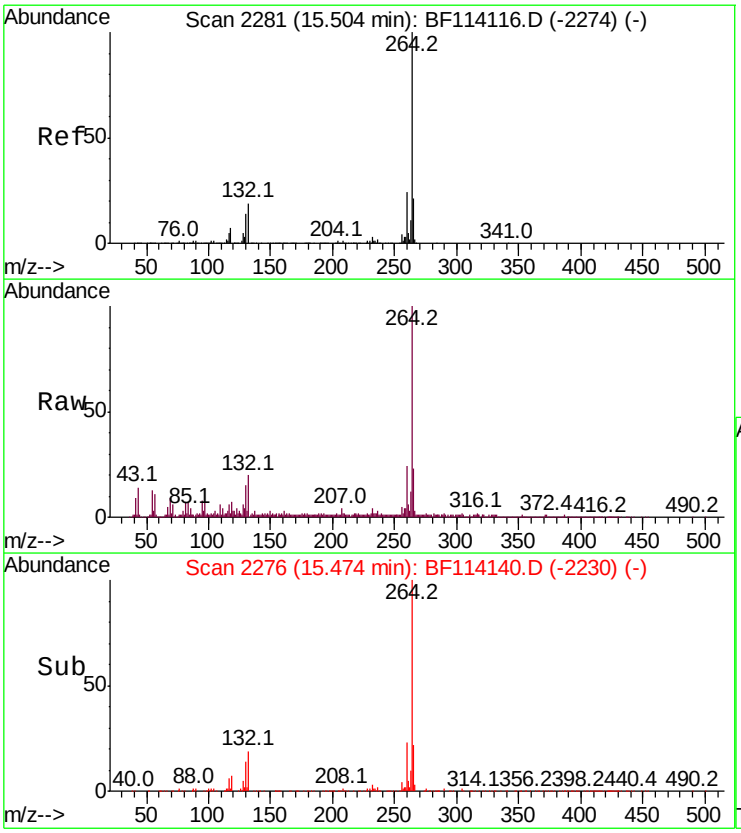
#83
Chrysene
Concen: 4.167 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:228 Resp: 163237

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	25.1	17.0	25.6

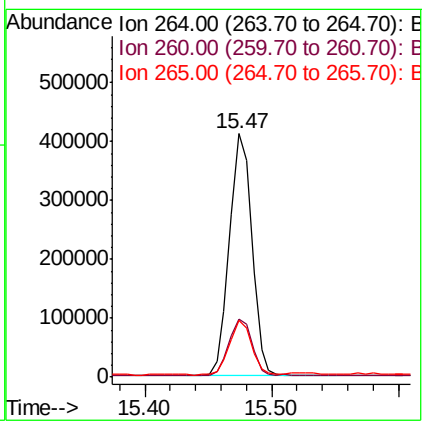


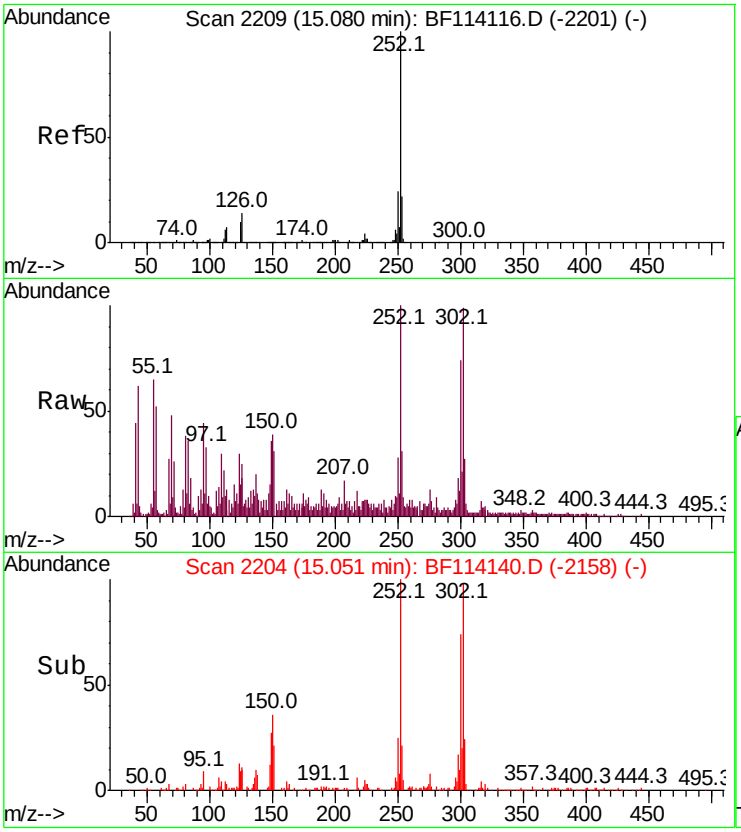


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:264 Resp: 505356

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	23.1	16.9	25.3



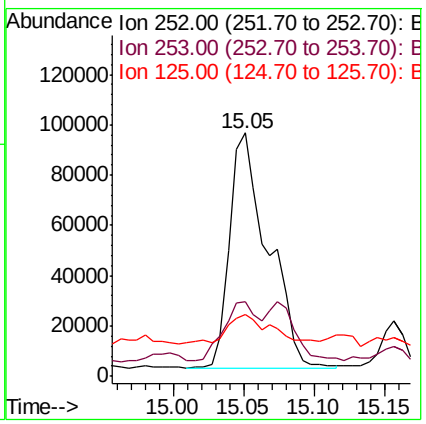


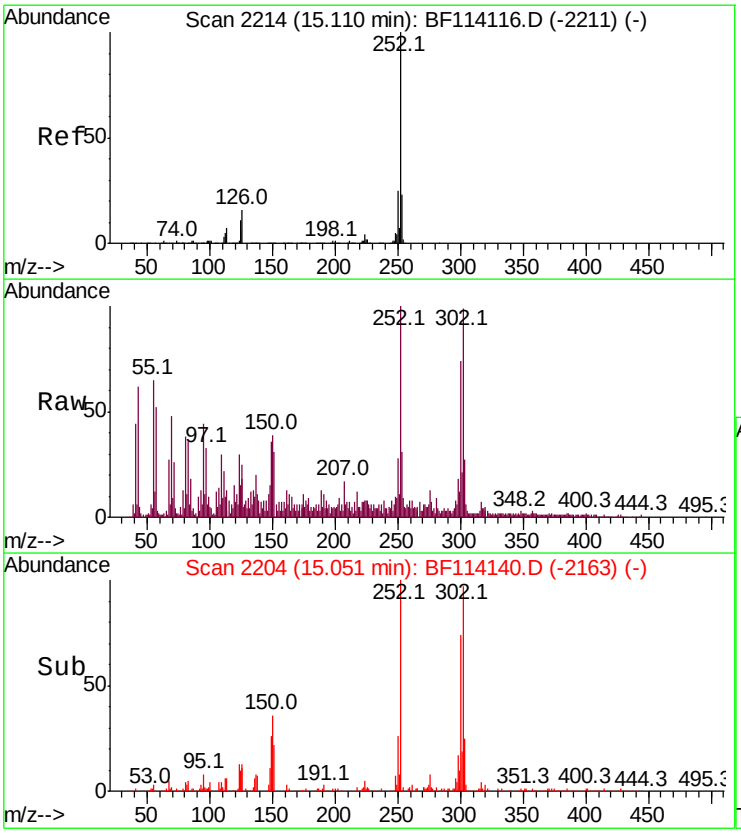
#88
Benzo(b)fluoranthene
Concen: 5.502 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:252 Resp: 178131

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.8	26.8#
125	25.3	8.3	12.5#

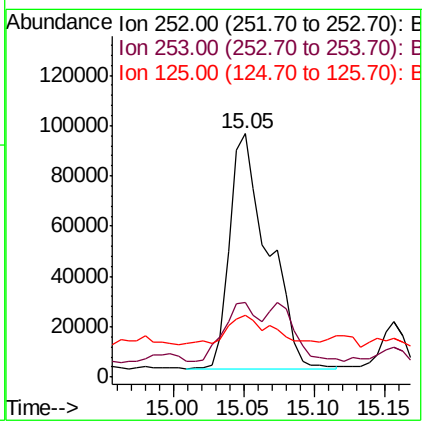


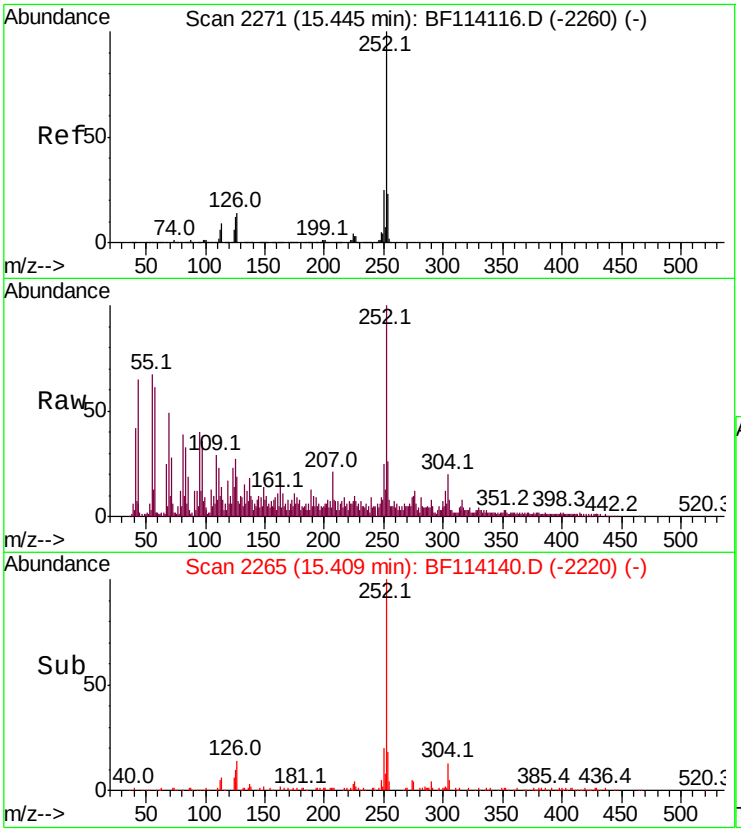


#89
Benzo(k)fluoranthene
Concen: 5.989 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.06 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:252 Resp: 178131

Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.2	27.2#
125	25.3	8.6	13.0#



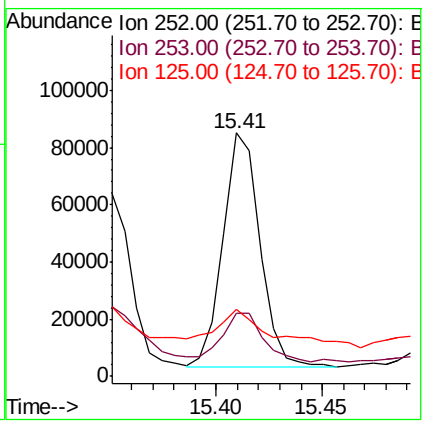


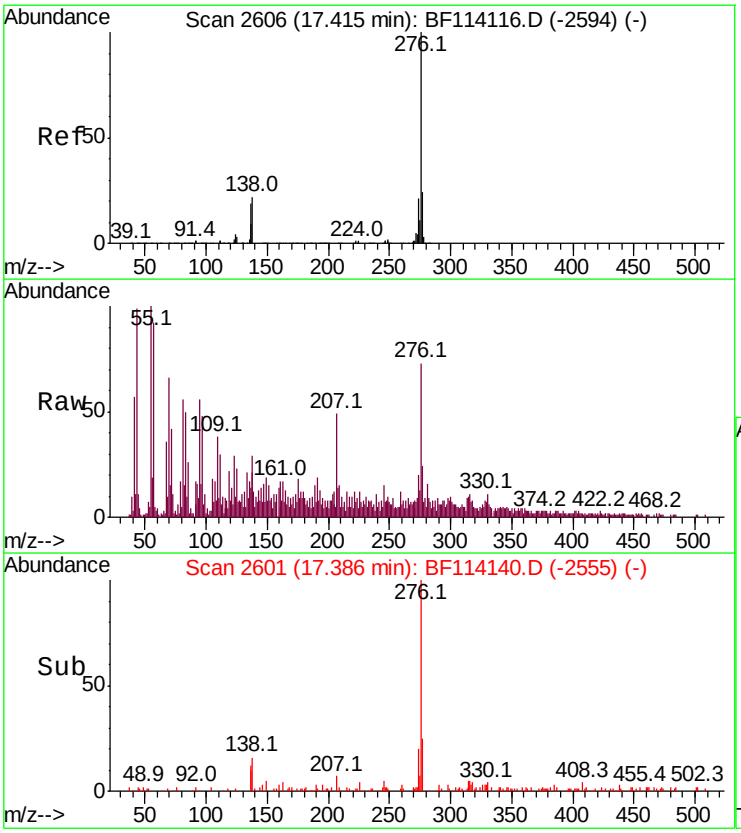
#90
Benzo(a)pyrene
Concen: 3.464 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:252 Resp: 98703

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	27.4	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 2.437 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion:276 Resp: 57831

Ion	Ratio	Lower	Upper
276	100		
277	32.8	19.0	28.4#
138	29.2	17.8	26.6#