Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114323.D
Acq On : 16 May 2019 21:32
Operator : JU/SJ
Sample : K2637-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-051519-A

Quant Time: May 17 08:06:58 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	209084	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	787783	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	351483	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	631196	20.00	ng		0.00
76) Chrysene-d12	14.02	240	438070	20.00	ng		0.00
87) Perylene-d12	15.49	264	519515	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1136092	87.44	ng		0.00
7) Phenol-d6	6.50	99	1495482	97.32	ng		0.00
23) Nitrobenzene-d5	7.41	82	908796	64.74	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	301959	83.10	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1447713	62.30	ng		0.00
79) Terphenyl-d14	12.95	244	1087648	51.18	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	116405	11.951	ng	#	76
25) Isophorone	7.41	82	908871	34.911	ng	#	64
32) Benzoic acid	8.13	122	114	7.033	ng	#	1
50) Dimethylphthalate	9.60	163	257545	9.982	ng		99
57) 2,4-Dinitrotoluene	9.88	165	46375	5.970	ng	#	25
67) 4-Bromophenyl-phenylether	10.67	248	19406	2.792	ng	#	1
71) Phenanthrene	11.39	178	132538	4.316	ng		97
75) Fluoranthene	12.59	202	158291	4.787	ng		99
78) Pyrene	12.82	202	130963	3.716	ng		98
81) Benzo(a)anthracene	14.00	228	71038	2.507	ng		99
83) Chrysene	14.04	228	62815	2.262	ng		98
88) Benzo(b)fluoranthene	15.06	252	112168	3.370	ng	#	90
89) Benzo(k)fluoranthene	15.06	252	112168	3.669	ng	#	91

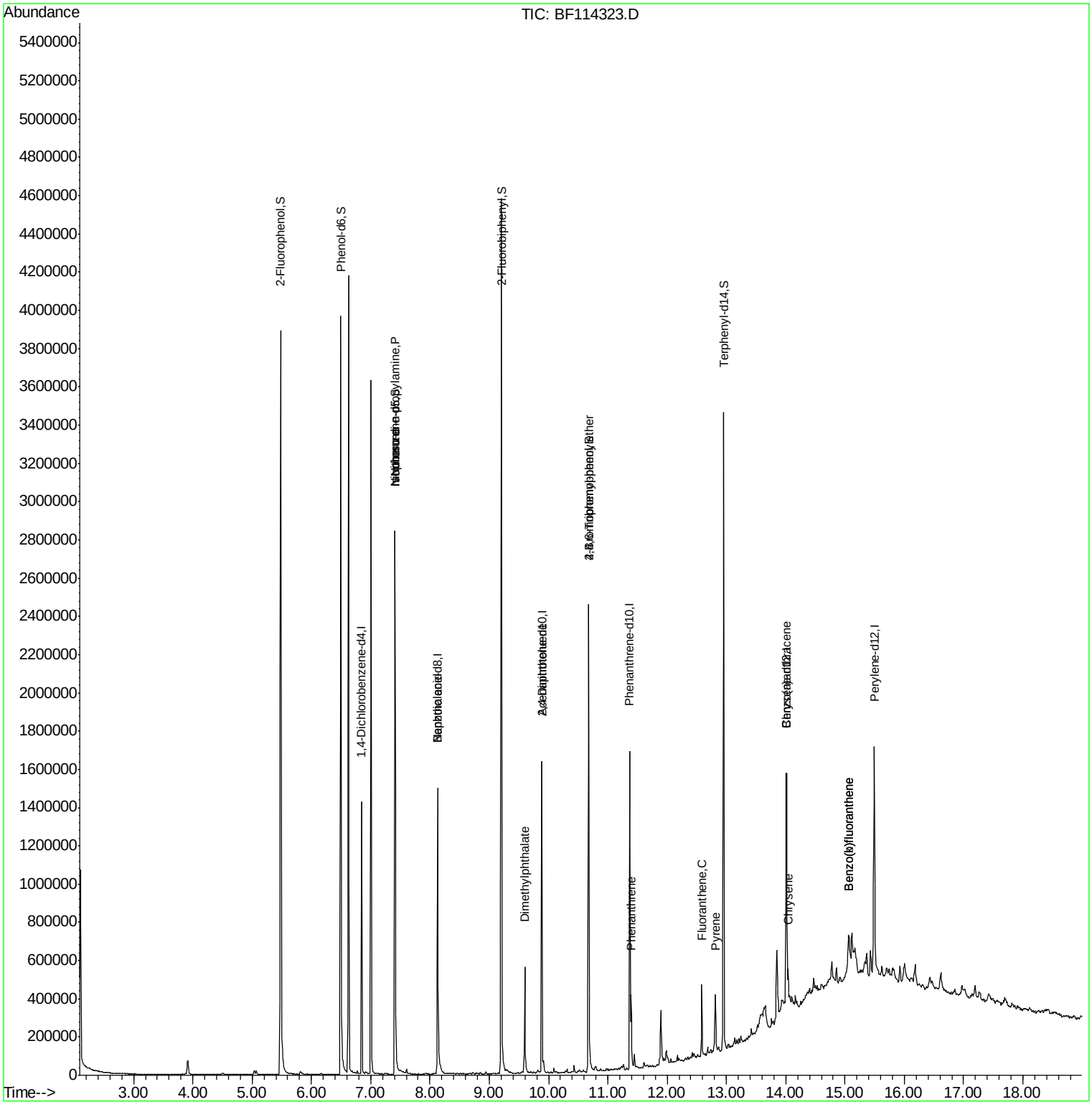
(#) = qualifier out of range (m) = manual integration (+) = signals summed

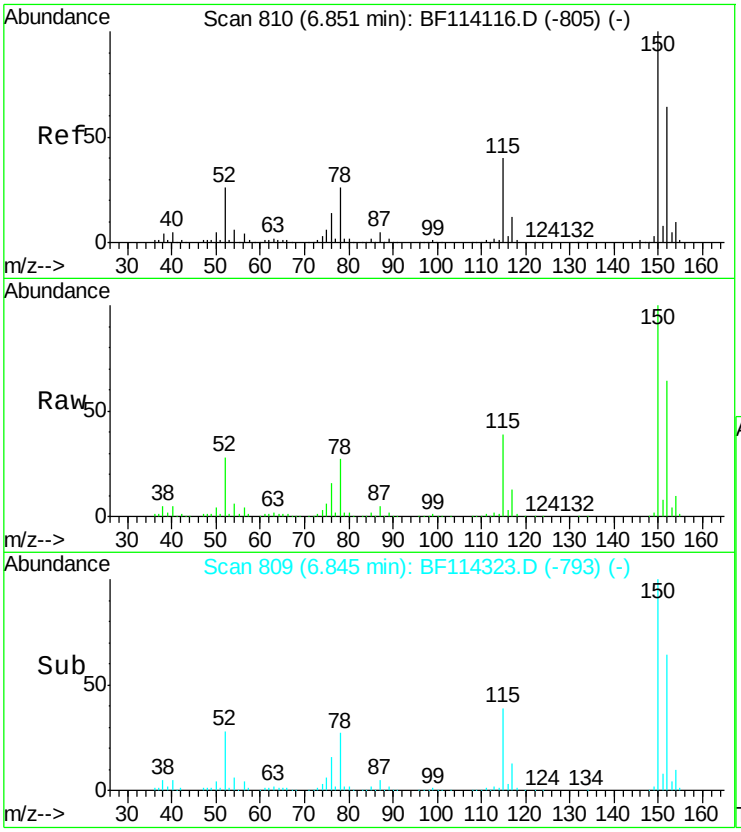
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114323.D
Acq On : 16 May 2019 21:32
Operator : JU/SJ
Sample : K2637-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-051519-A

Quant Time: May 17 08:06:58 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



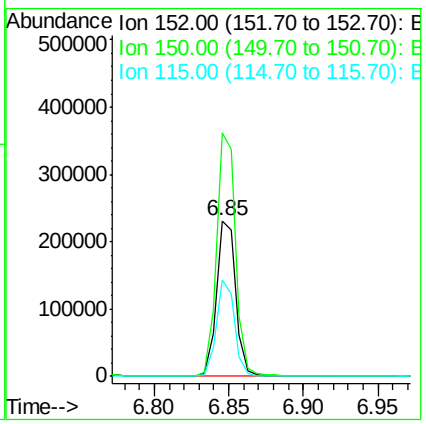


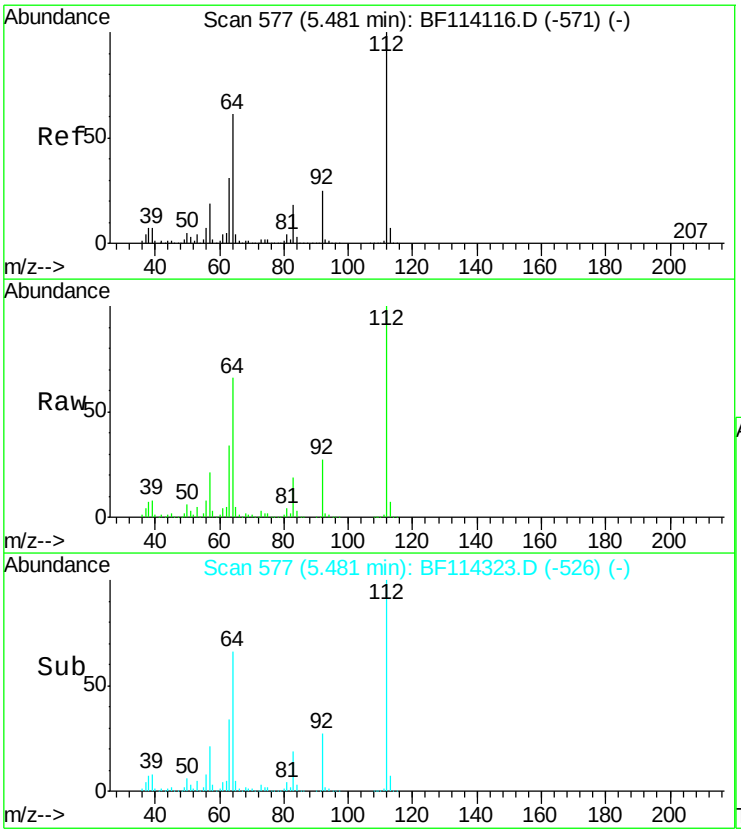
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:152 Resp: 209084

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	61.5	49.1	73.7

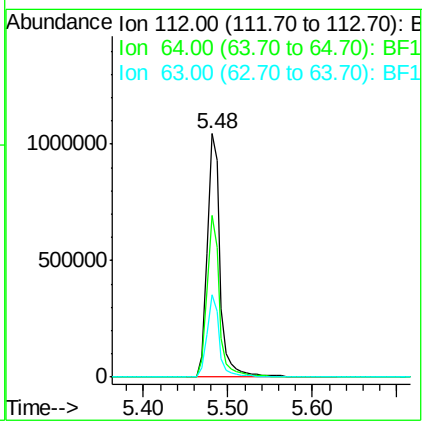


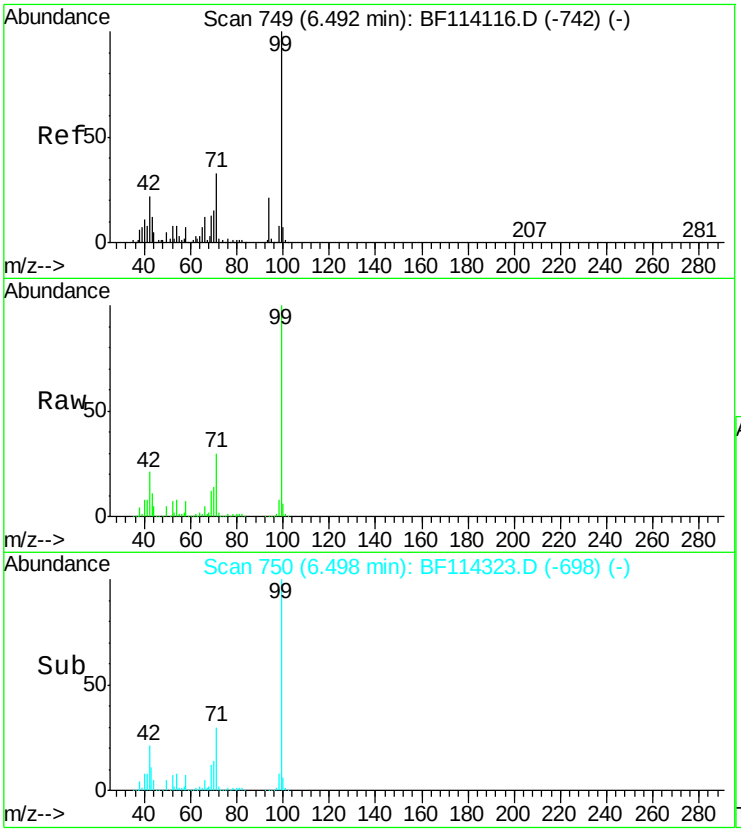


#5
2-Fluorophenol
Concen: 87.442 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:112 Resp: 1136092

Ion	Ratio	Lower	Upper
112	100		
64	66.3	49.0	73.6
63	33.9	24.6	37.0



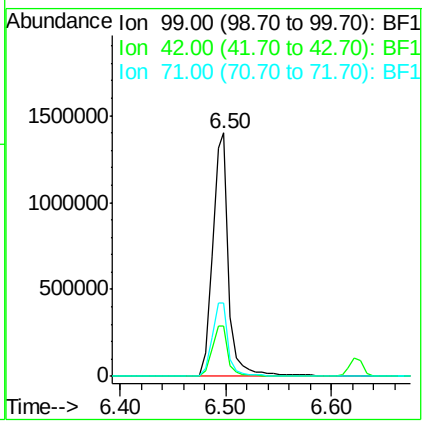


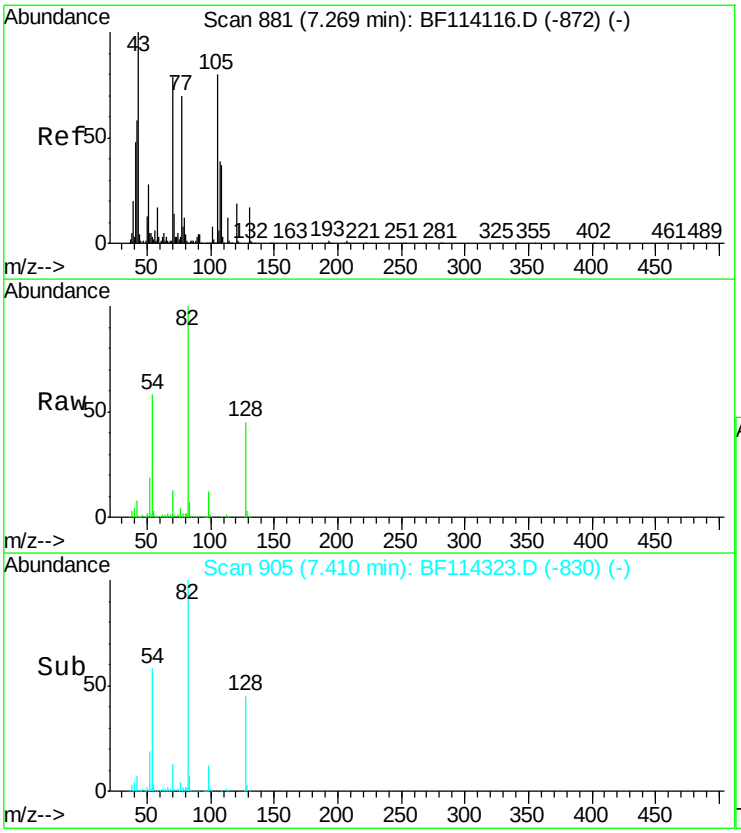
#7
Phenol-d6
Concen: 97.320 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion: 99 Resp: 1495482

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	30.4	26.2	39.2

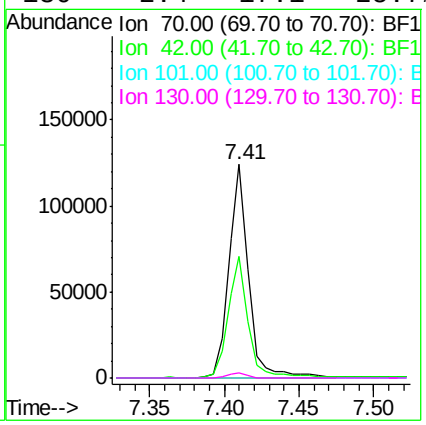


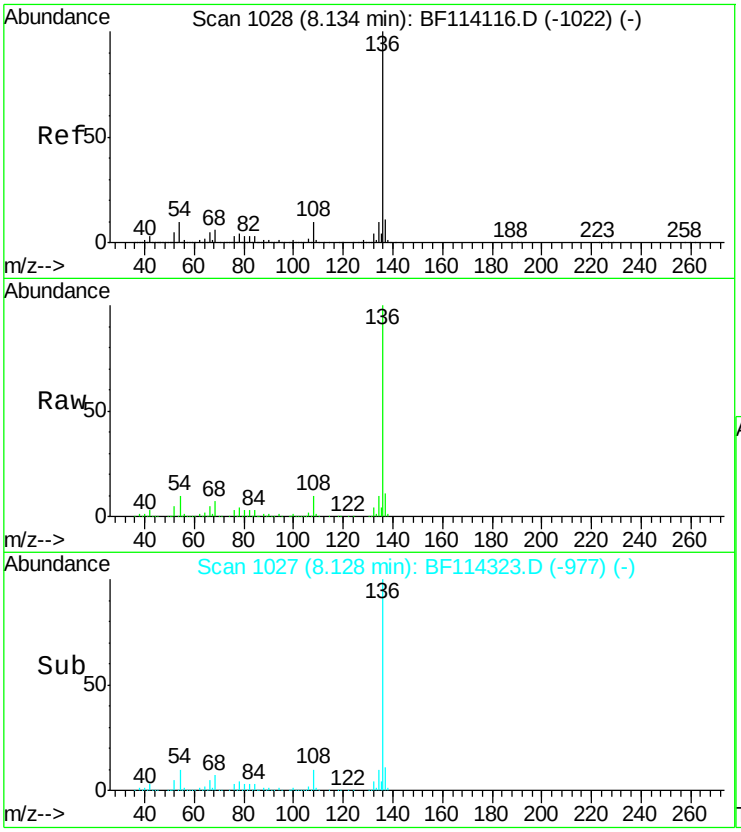


#19
n-Nitroso-di-n-propylamine
Concen: 11.951 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion: 70 Resp: 116405

Ion	Ratio	Lower	Upper
70	100		
42	57.0	58.6	87.8#
101	0.0	7.8	11.8#
130	2.4	17.1	25.7#



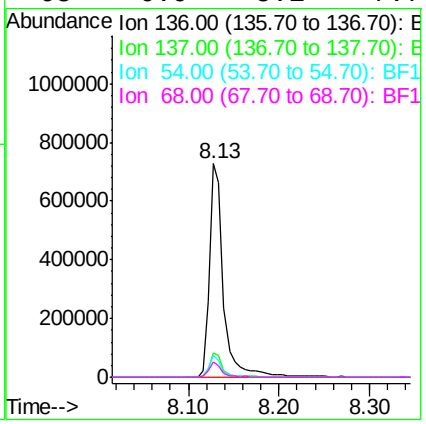


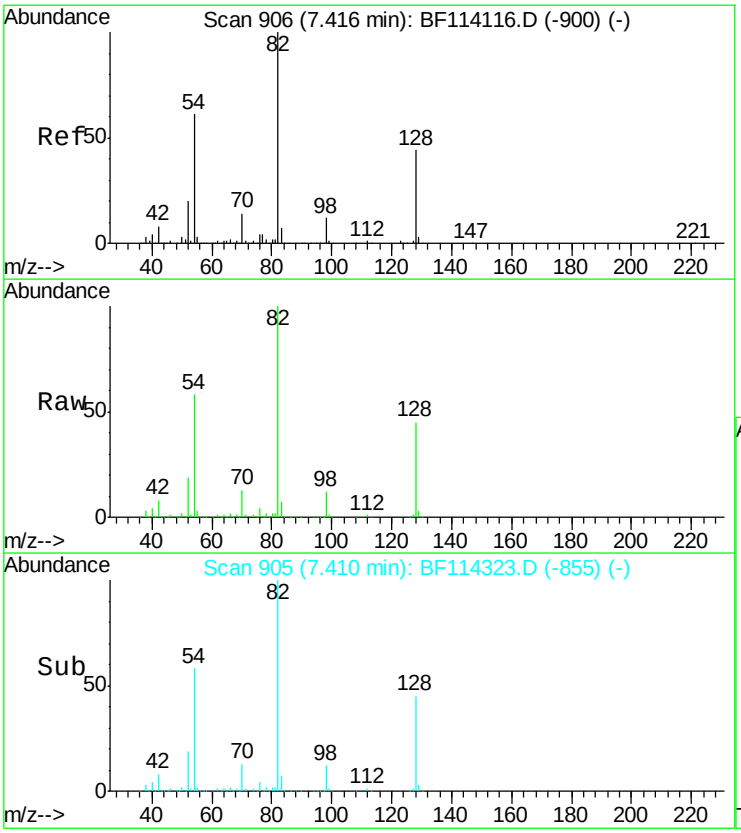
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:136 Resp: 787783

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.1	7.8	11.8
68	6.9	5.1	7.7

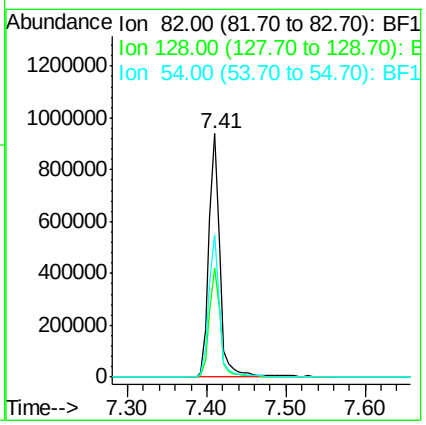


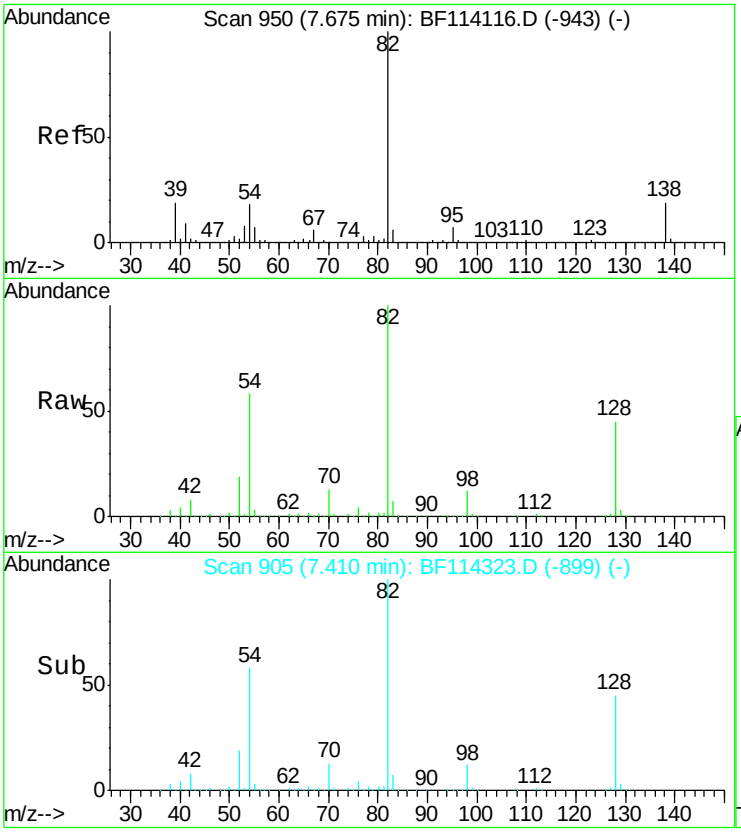


#23
Nitrobenzene-d5
Concen: 64.741 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion: 82 Resp: 908796

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	58.4	48.5	72.7



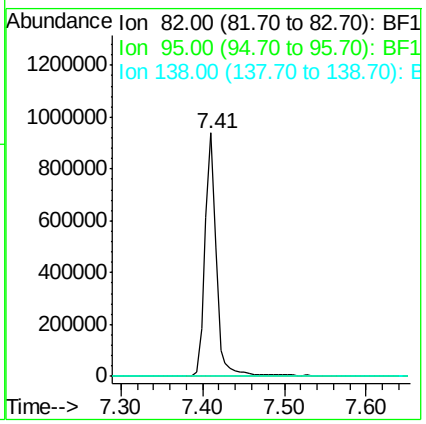


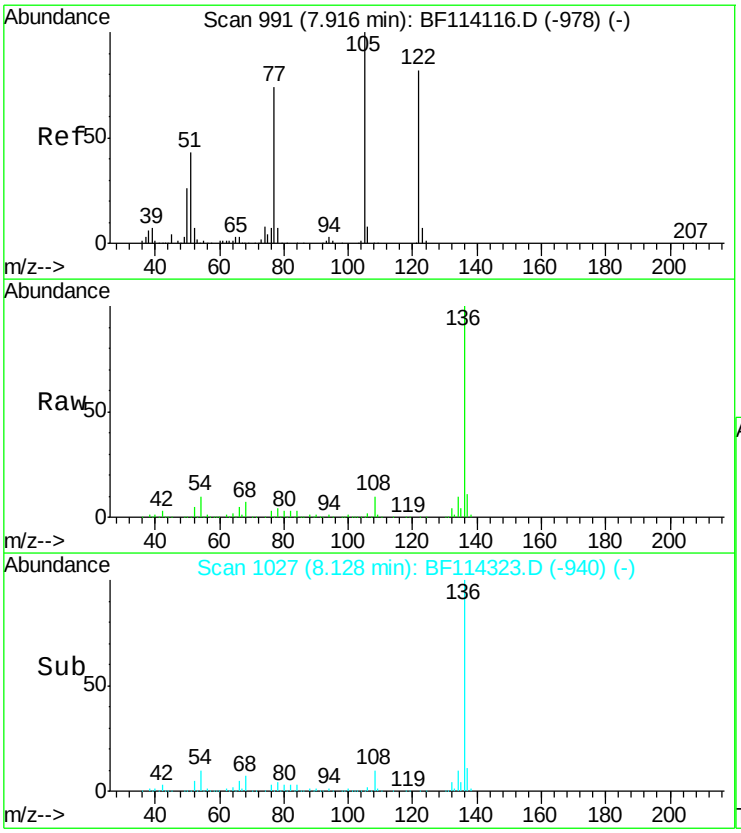
#25
Isophorone
Concen: 34.911 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion: 82 Resp: 908871

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

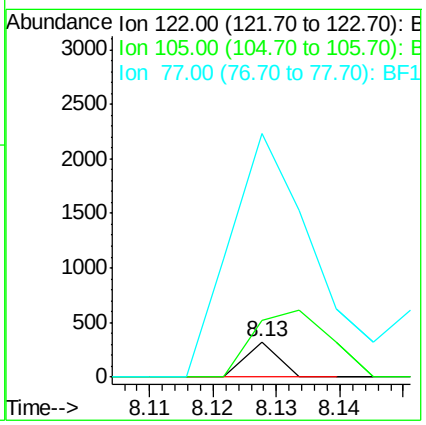


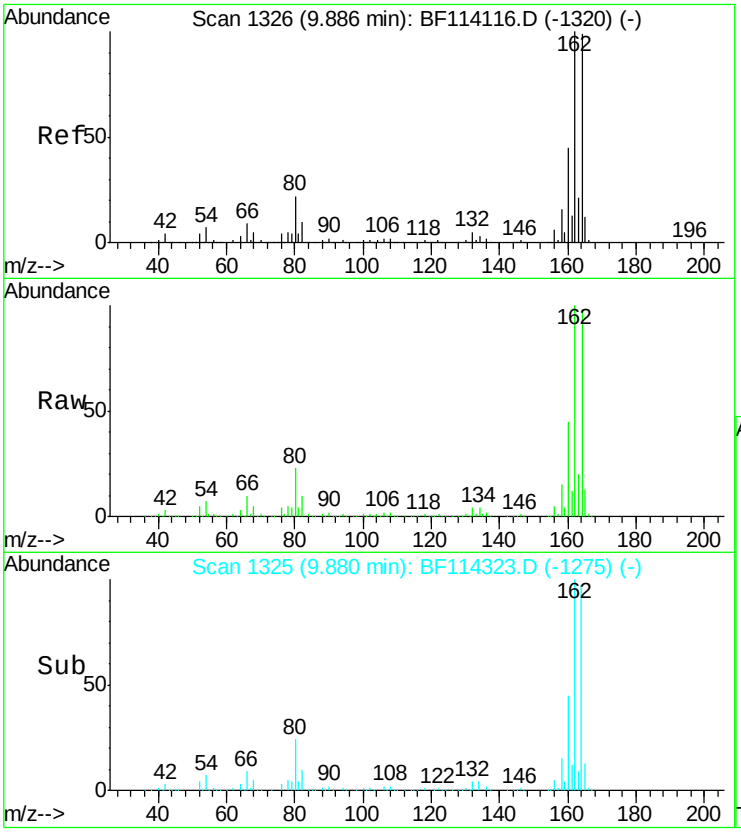


#32
Benzoic acid
Concen: 7.033 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.21 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	160.7	99.9	139.9#
77	690.7	69.4	109.4#



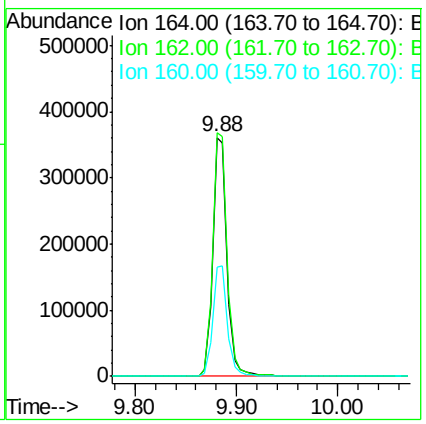


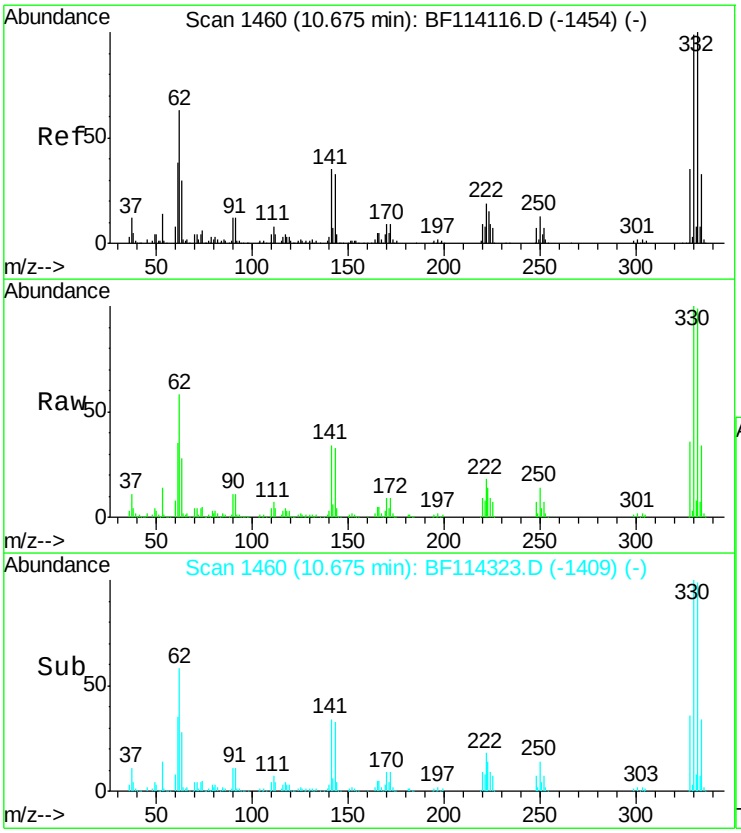
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:164 Resp: 351483

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.9	36.5	54.7

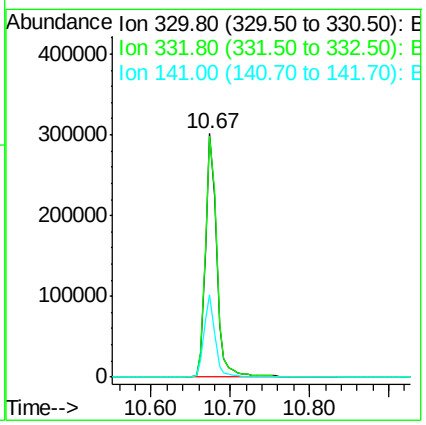


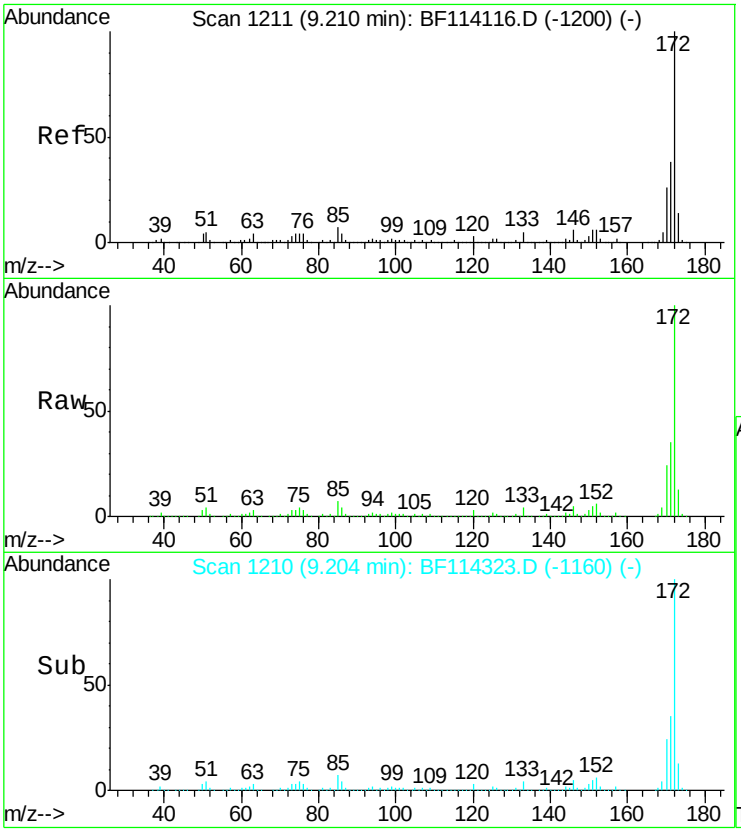


#42
2,4,6-Tribromophenol
Concen: 83.099 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:330 Resp: 301959

Ion	Ratio	Lower	Upper
330	100		
332	100.7	81.4	122.2
141	33.1	26.6	40.0



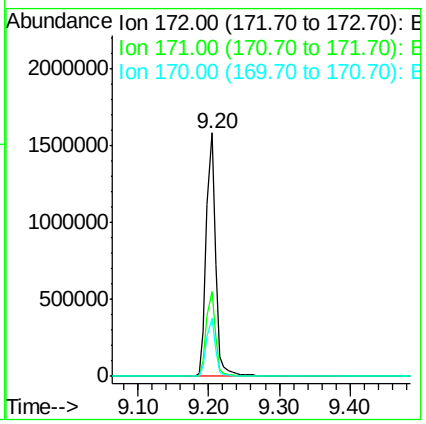


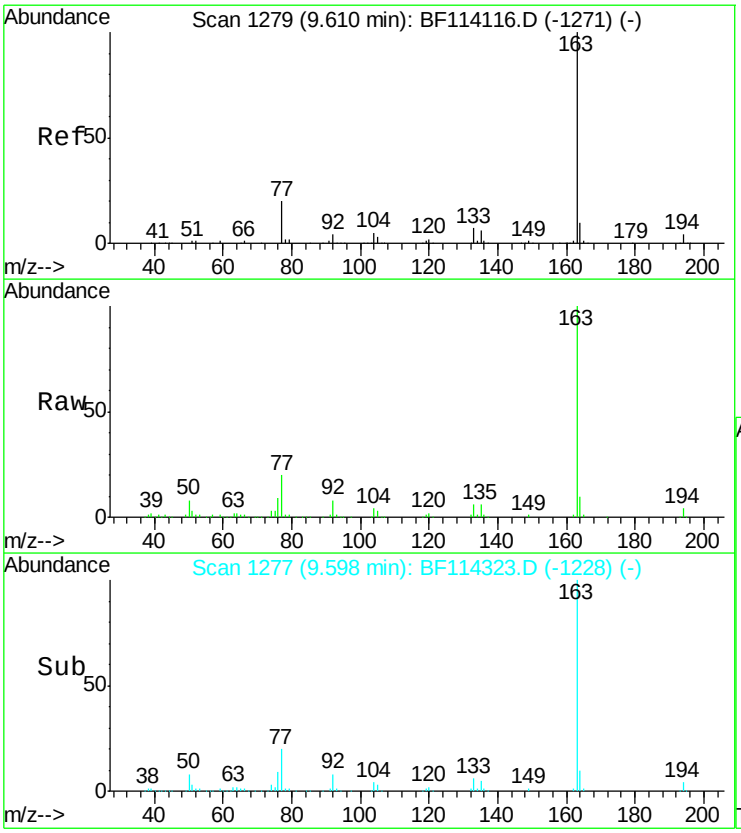
#45
2-Fluorobiphenyl
Concen: 62.305 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:172 Resp: 1447713

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.7	46.1
170	23.8	20.5	30.7

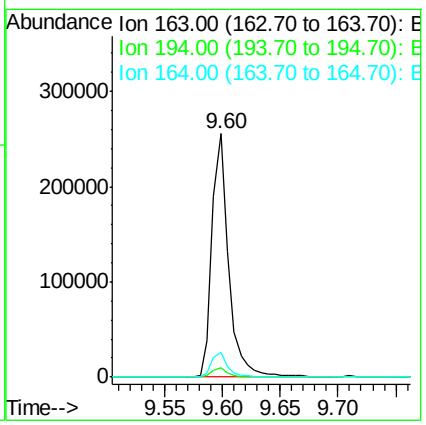


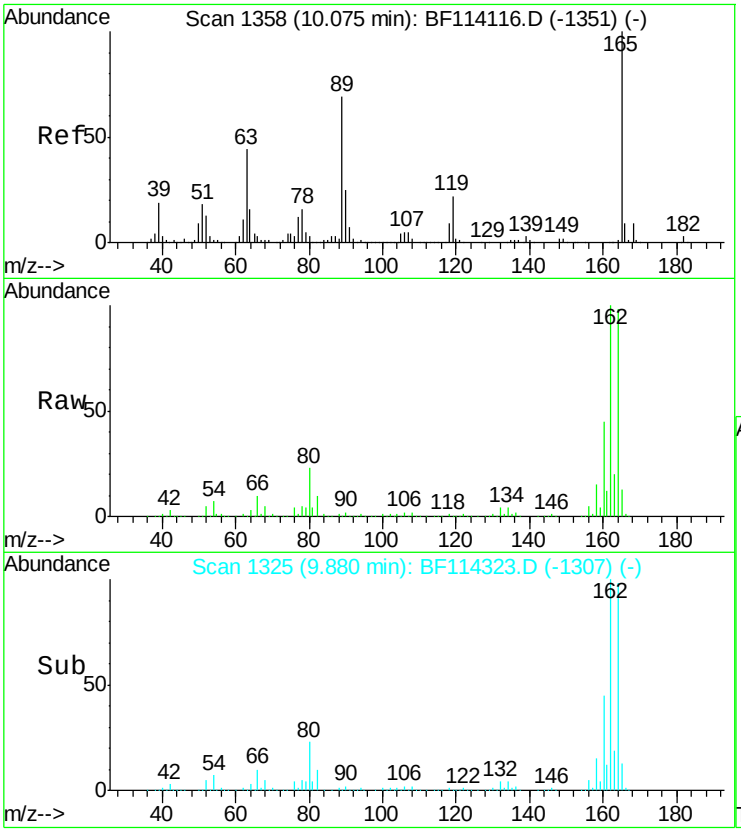


#50
Dimethylphthalate
Concen: 9.982 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:163 Resp: 257545

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.1	8.2	12.2



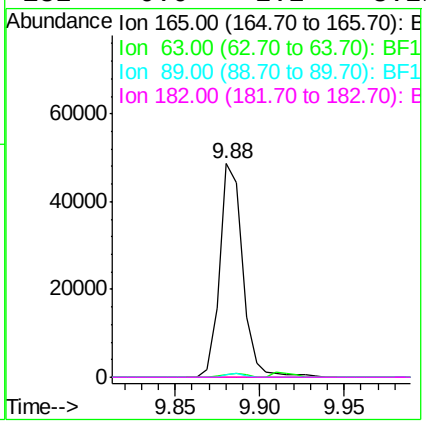


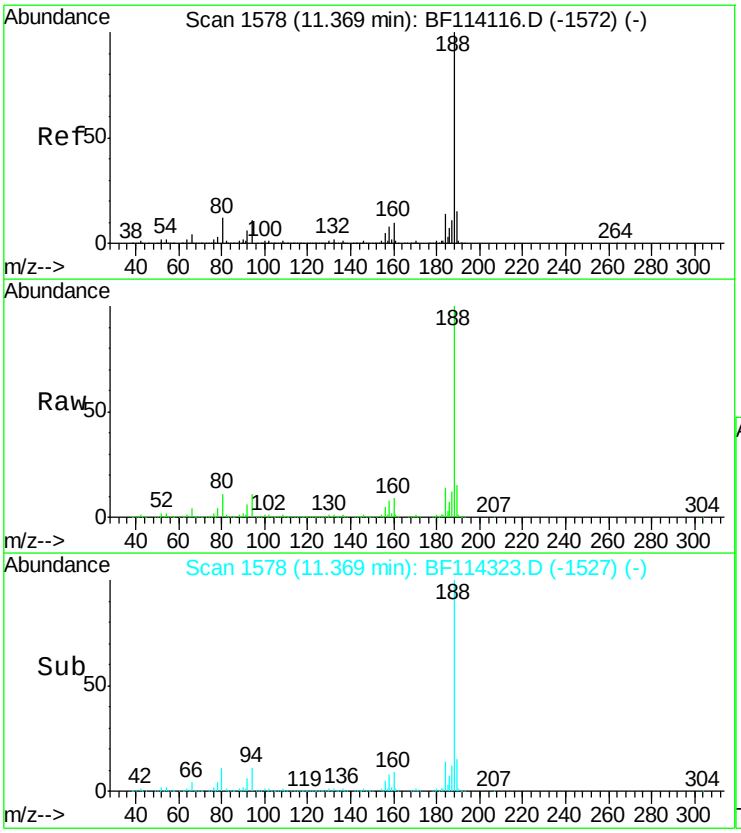
#57
2,4-Dinitrotoluene
Concen: 5.970 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:165 Resp: 46375

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#

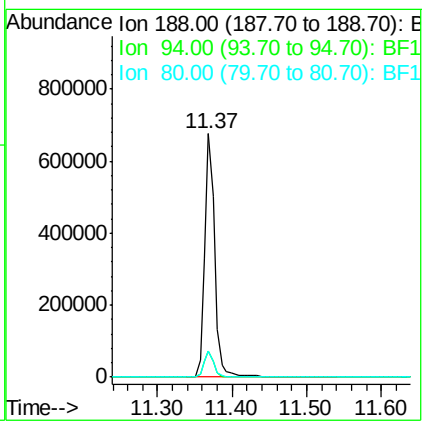


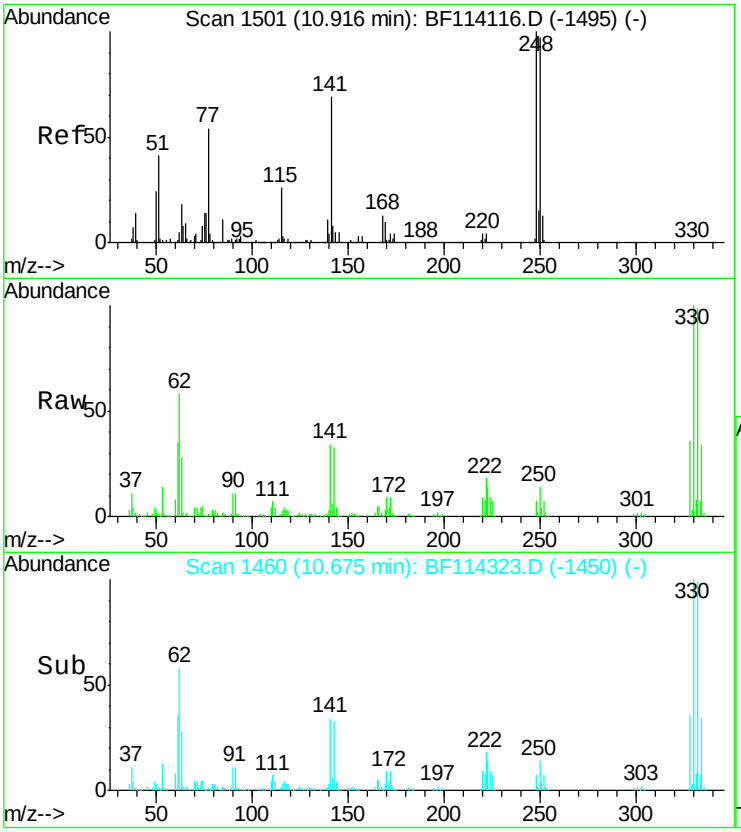


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:188 Resp: 631196

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	10.8	9.2	13.8



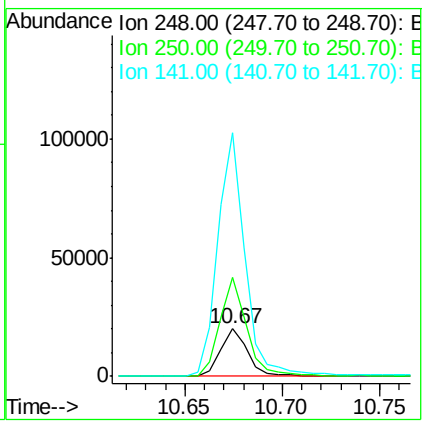


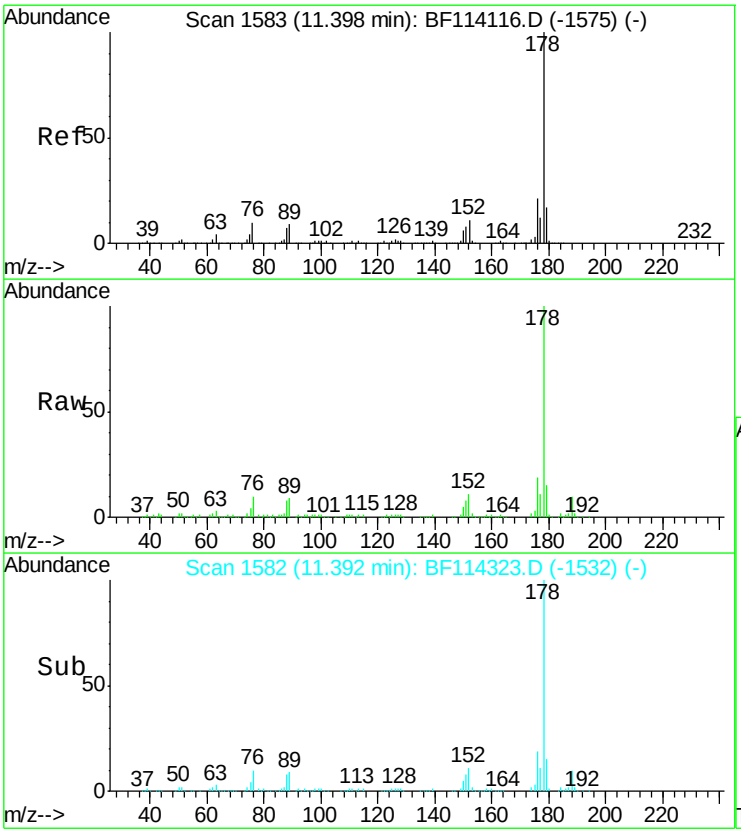
#67
4-Bromophenyl-phenylether
Concen: 2.792 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:248 Resp: 19406

Ion	Ratio	Lower	Upper
248	100		
250	208.4	77.4	116.2#
141	511.2	55.6	83.4#

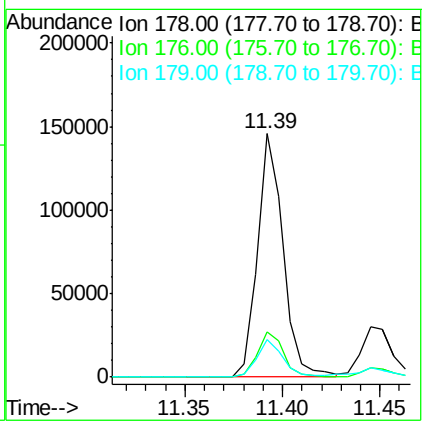


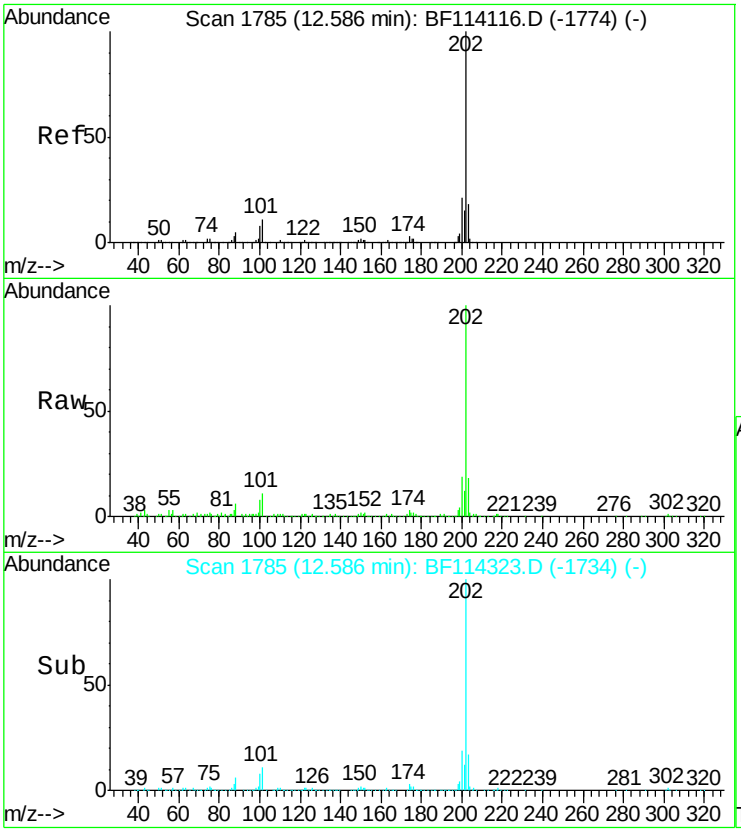


#71
Phenanthrene
Concen: 4.316 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:178 Resp: 132538

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.5	13.2	19.8



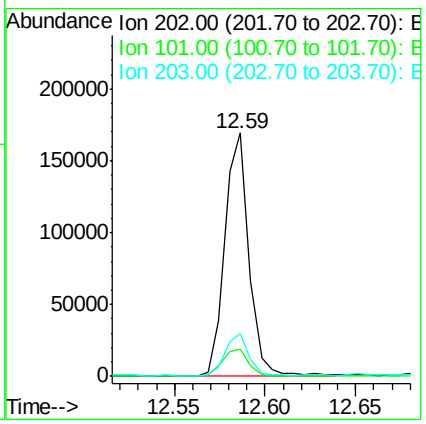


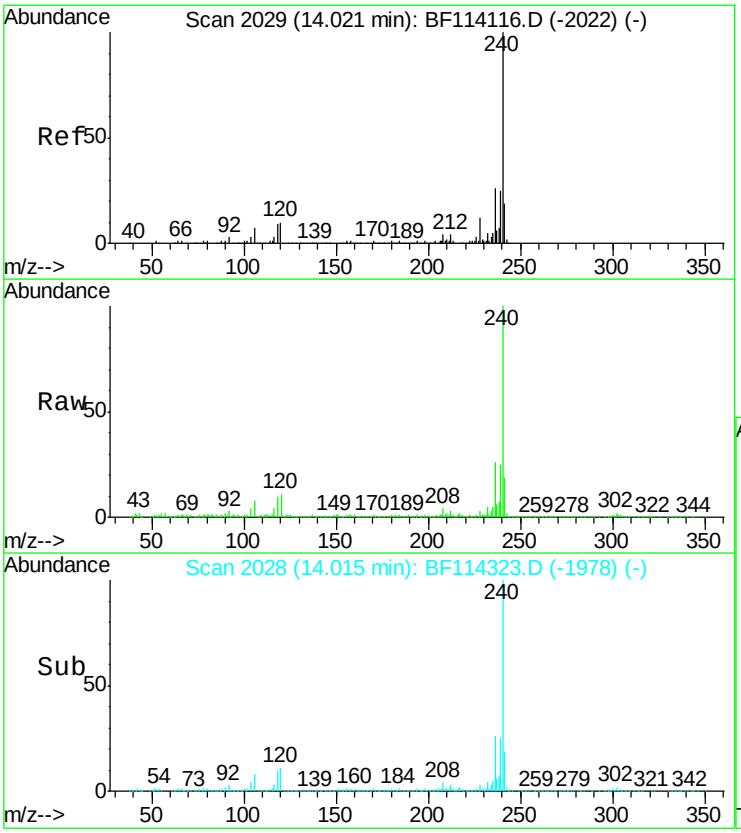
#75
Fluoranthene
Concen: 4.787 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:202 Resp: 158291

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.6	0.0	38.4

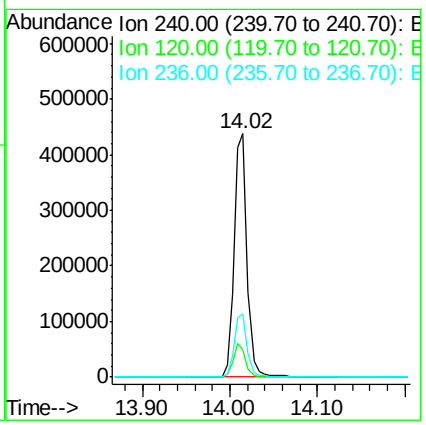


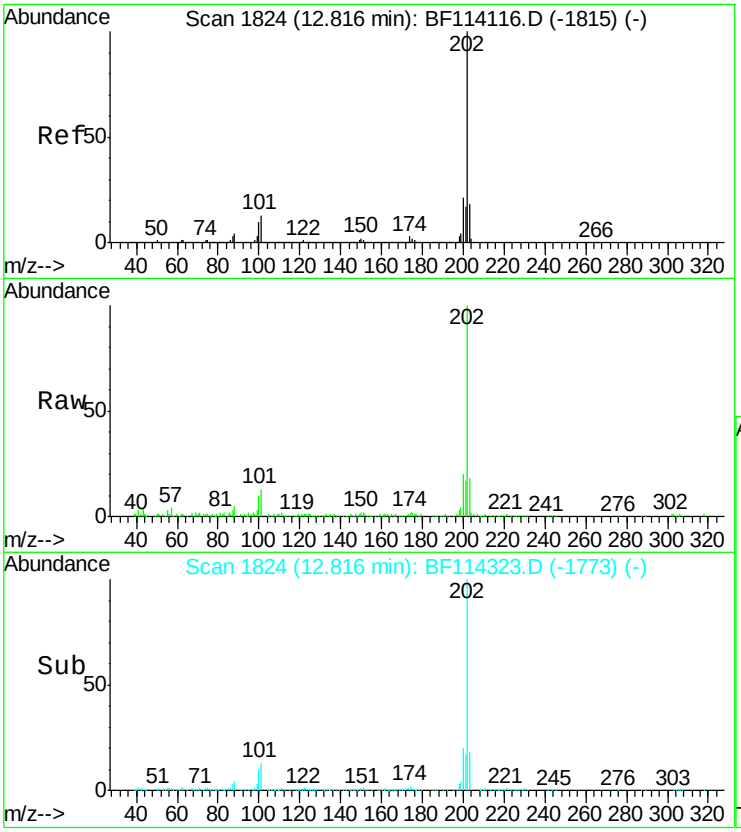


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:240 Resp: 438070

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.9	20.8	31.2



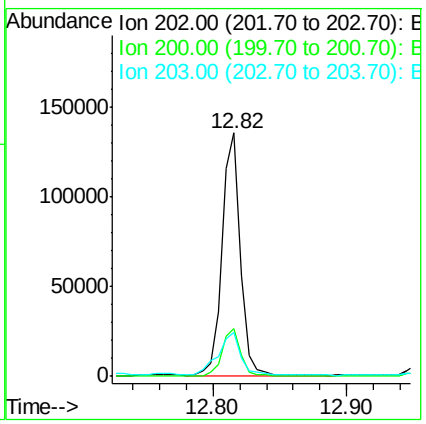


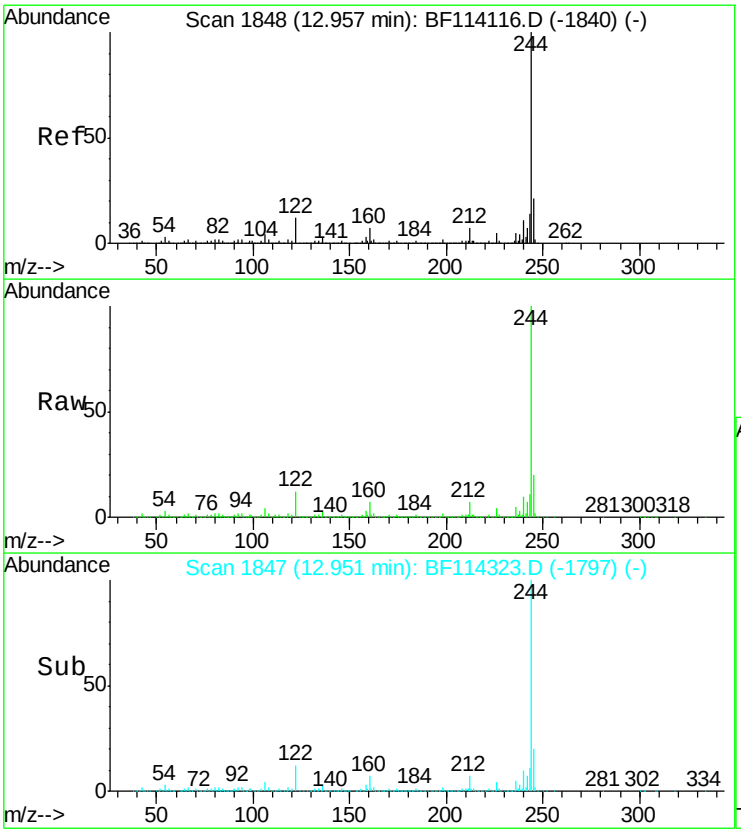
#78
Pyrene
Concen: 3.716 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:202 Resp: 130963

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	18.1	14.5	21.7

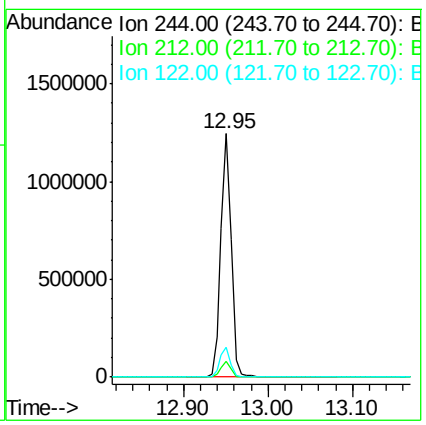


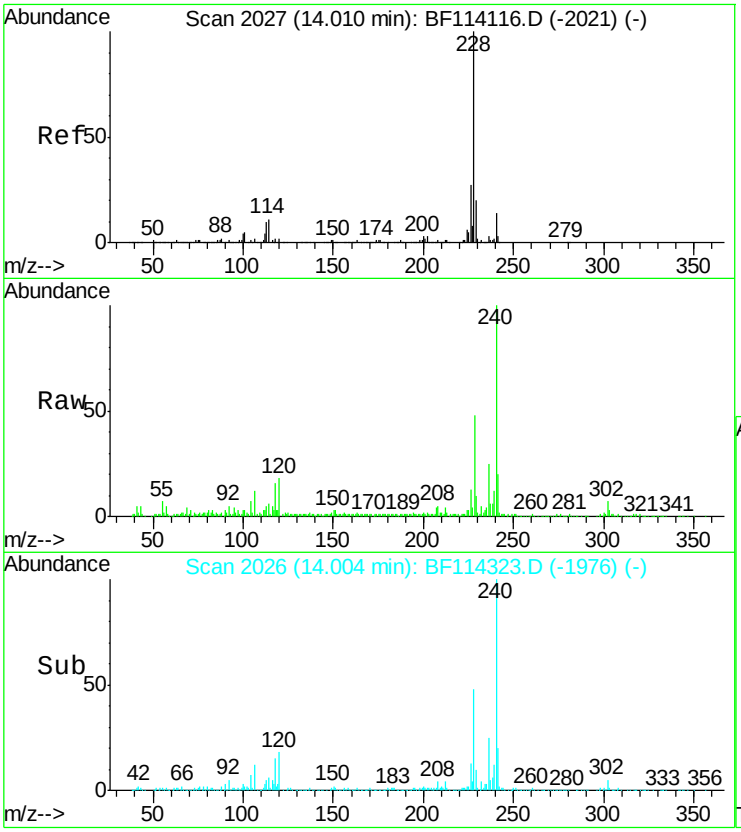


#79
Terphenyl-d14
Concen: 51.182 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:244 Resp: 1087648

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.2	9.4	14.2



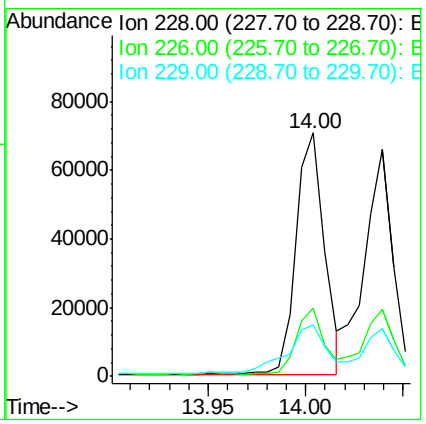


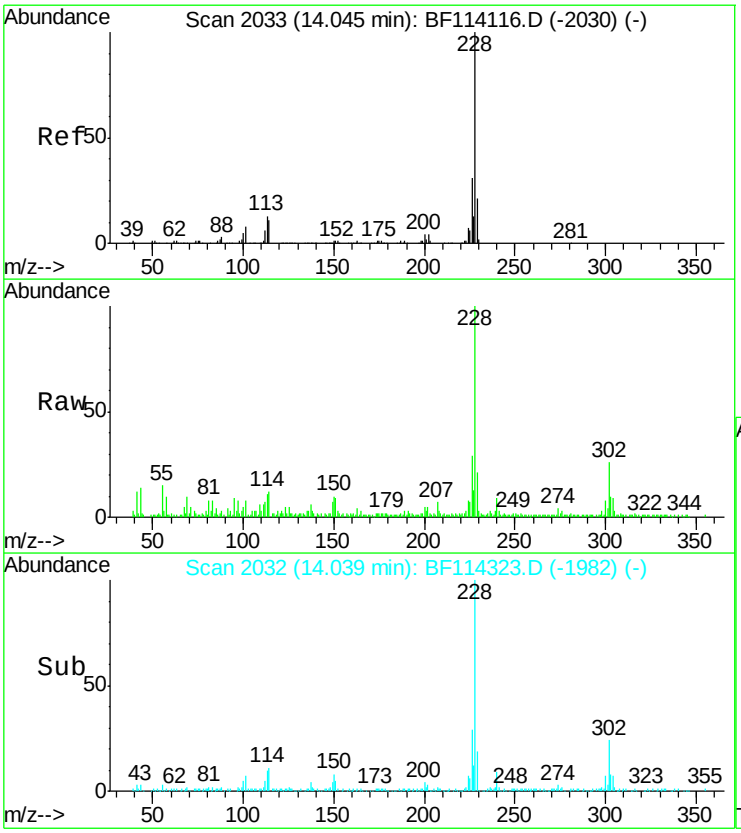
#81
Benzo(a)anthracene
Concen: 2.507 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:228 Resp: 71038

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	21.4	16.4	24.6

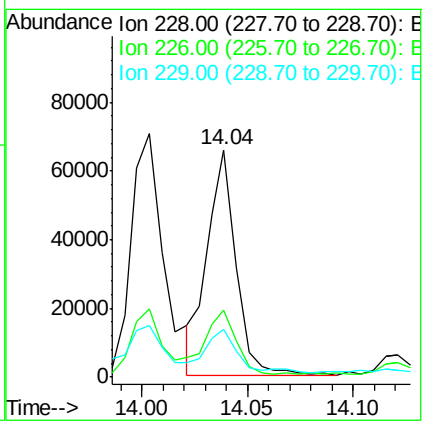


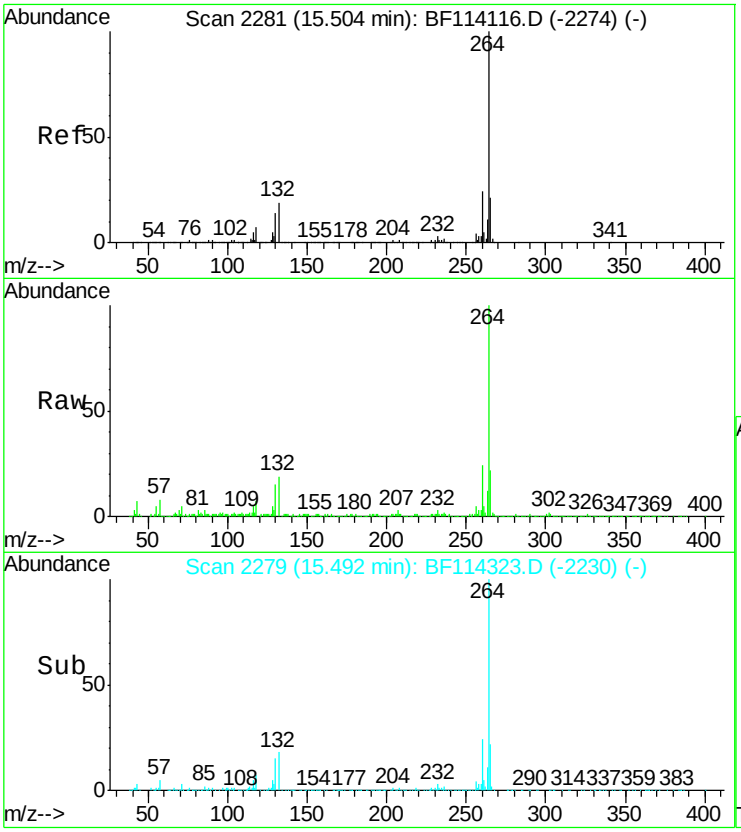


#83
Chrysene
Concen: 2.262 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:228 Resp: 62815

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.1	17.0	25.6



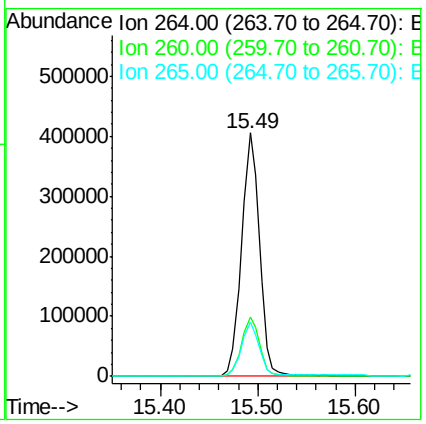


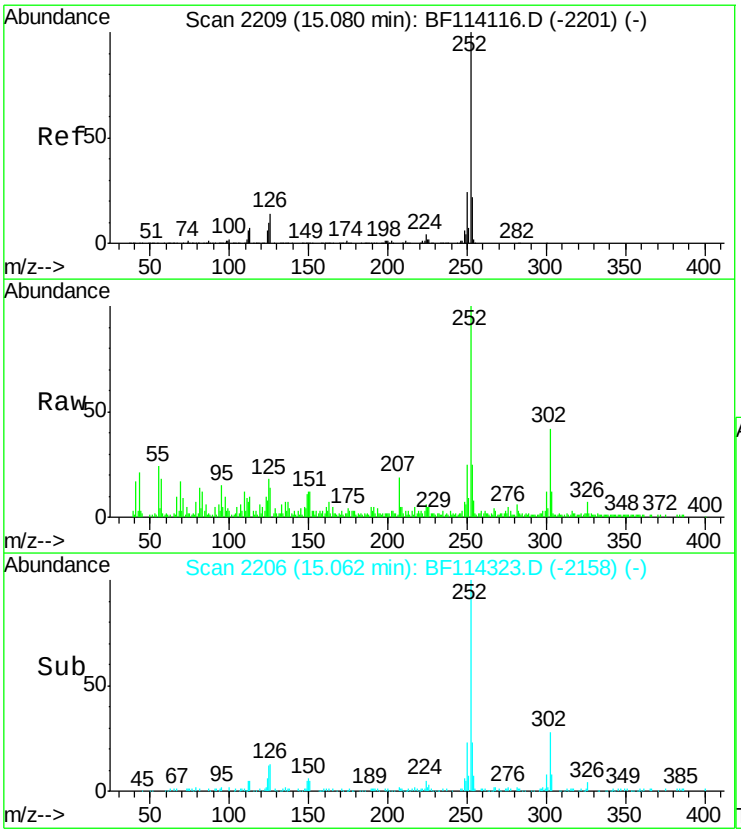
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:264 Resp: 519515

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	16.9	25.3

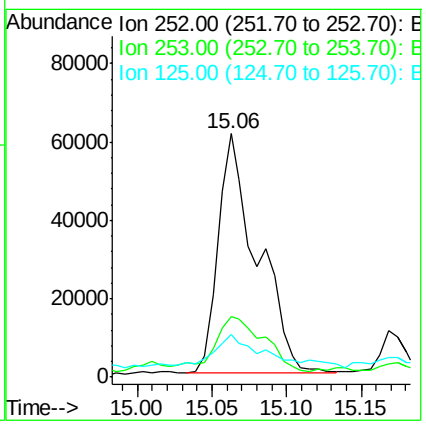


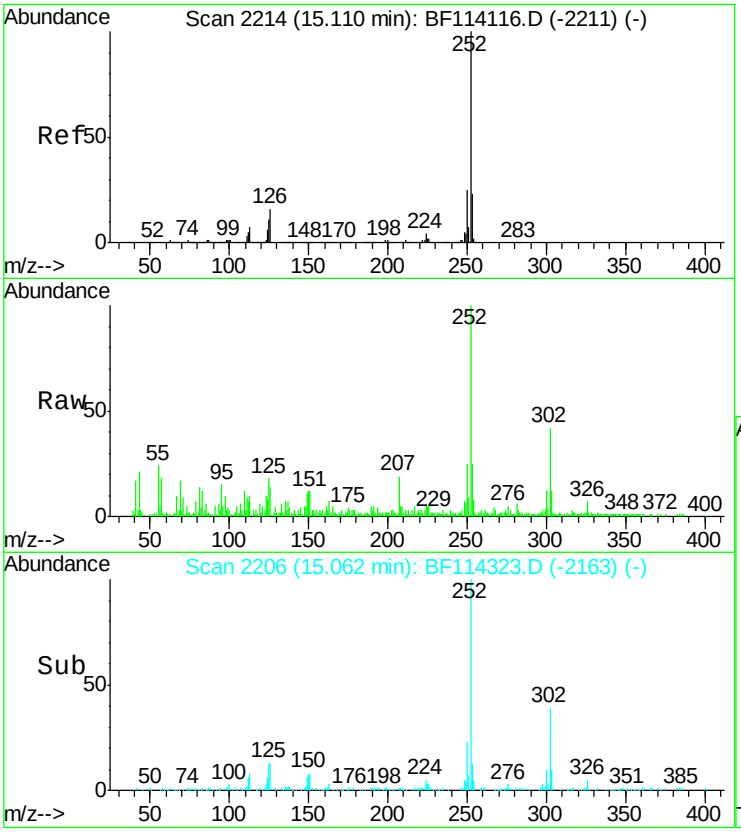


#88
Benzo(b)fluoranthene
Concen: 3.370 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion:252 Resp: 112168

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	17.7	8.3	12.5#





#89
Benzo(k)fluoranthene
Concen: 3.669 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tgt Ion:252 Resp: 112168

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	17.7	8.6	13.0#