Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112571.D
Acq On : 14 Feb 2019 16:46
Operator : JU/SJ
Sample : K1350-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-021319-C

Quant Time: Feb 15 04:22:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87368	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	329148	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	146849	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	289773	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	241855	20.00	ng		0.00
87) Perylene-d12	15.49	264	170622	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	80629	19.60	ng		-0.01
7) Phenol-d6	6.49	99	108575	19.00	ng		0.00
23) Nitrobenzene-d5	7.40	82	63938	11.19	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	28561	16.71	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	129539	12.48	ng		-0.02
79) Terphenyl-d14	12.94	244	139354	10.85	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	8533	2.165	ng	#	81
25) Isophorone	7.40	82	63938	7.135	ng	#	63
51) 2,6-Dinitrotoluene	9.87	165	20867	8.166	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	20867	6.415	ng	#	32
71) Phenanthrene	11.38	178	48276	3.205	ng		97
72) Anthracene	11.38	178	48276	3.217	ng		99
75) Fluoranthene	12.58	202	72529	4.489	ng		96
78) Pyrene	12.81	202	64208	3.835	ng		96
81) Benzo(a)anthracene	14.00	228	32366	2.276	ng		98
83) Chrysene	14.03	228	27181	2.003	ng		97
88) Benzo(b)fluoranthene	15.06	252	37125	3.638	ng	#	85
89) Benzo(k)fluoranthene	15.06	252	37125	3.798	ng	#	85
90) Benzo(a)pyrene	15.43	252	18707	2.037	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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Acq On : 14 Feb 2019 16:46
Operator : JU/SJ
Sample : K1350-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Quant Time: Feb 15 04:22:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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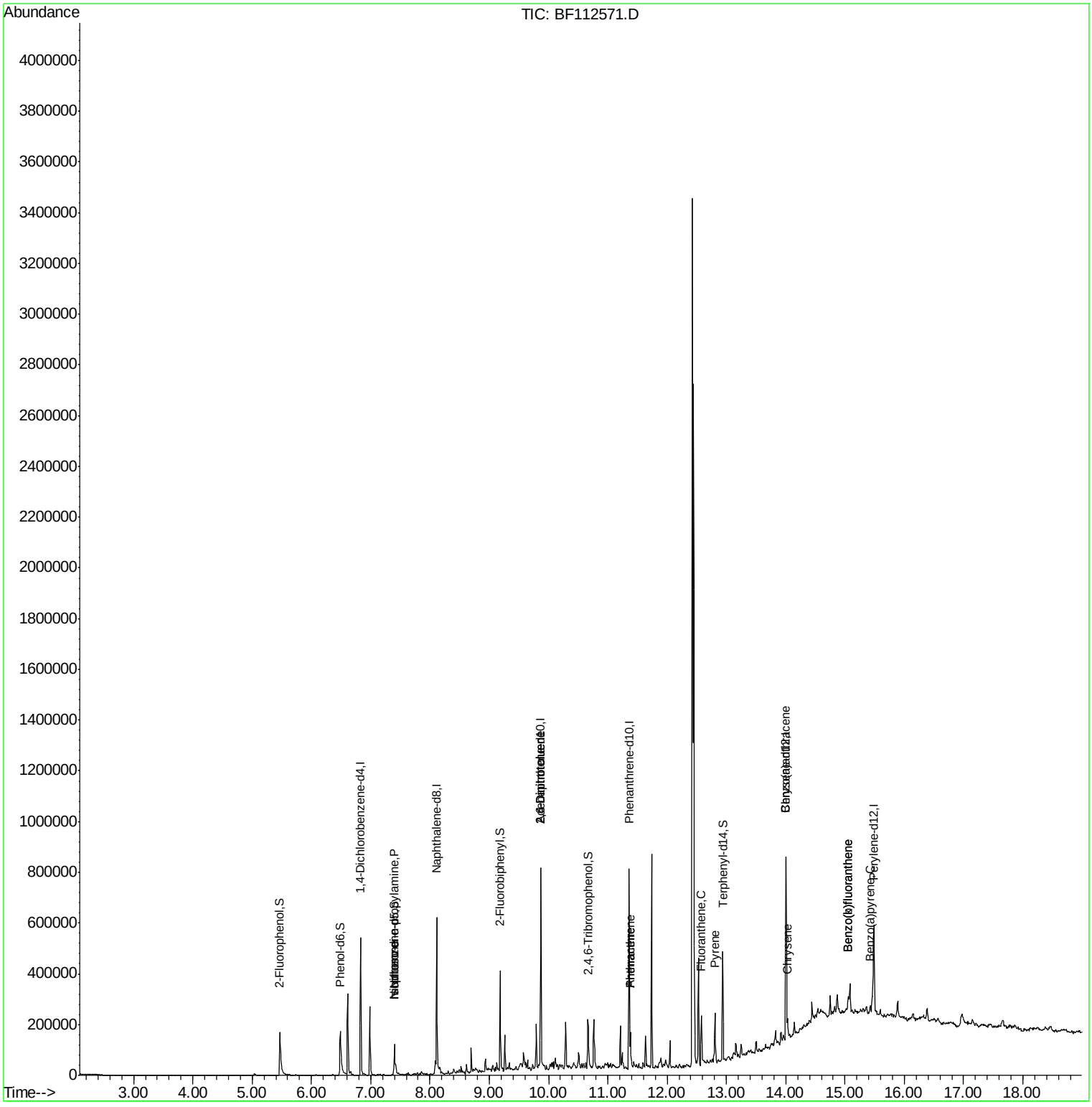
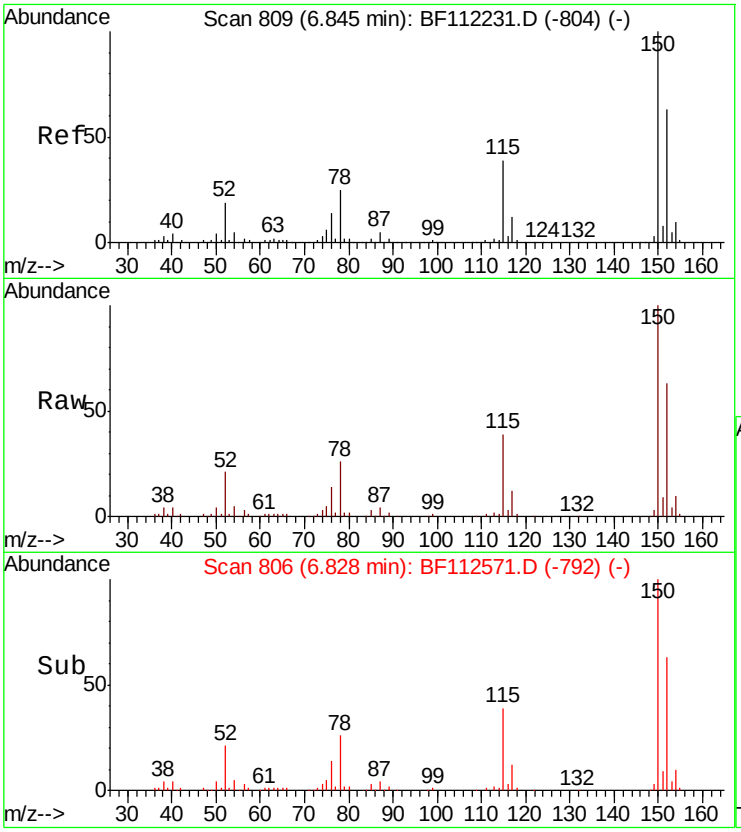


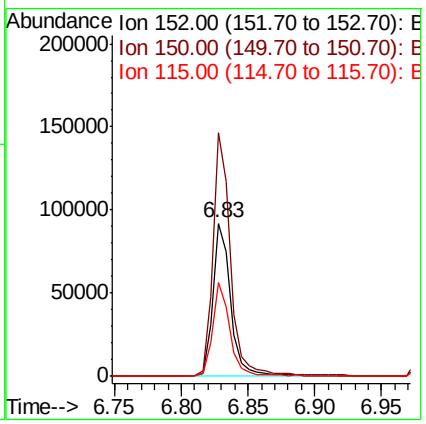


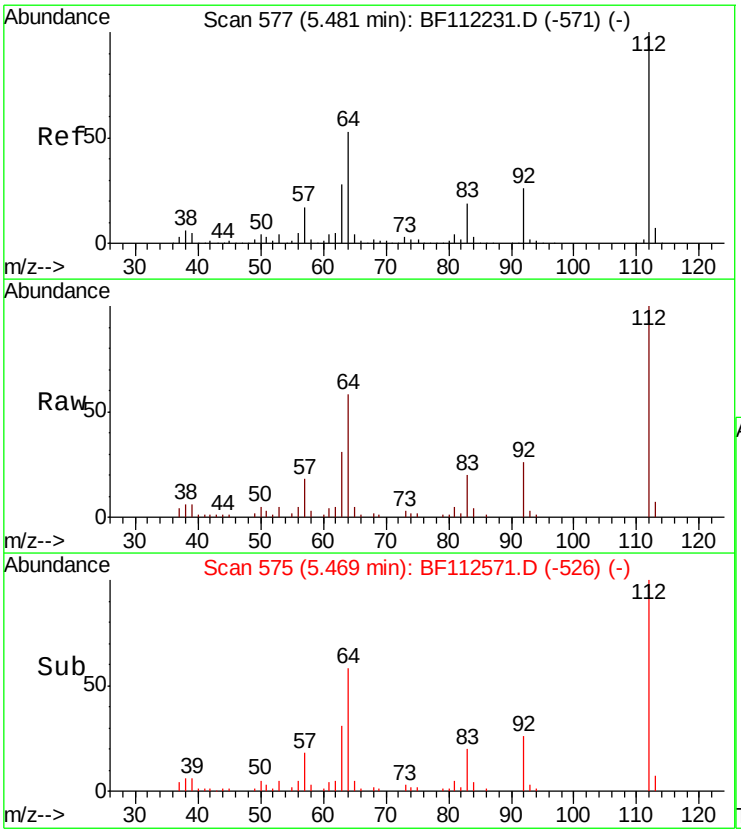
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:152 Resp: 87368

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.4	191.0
115	61.7	45.5	68.3

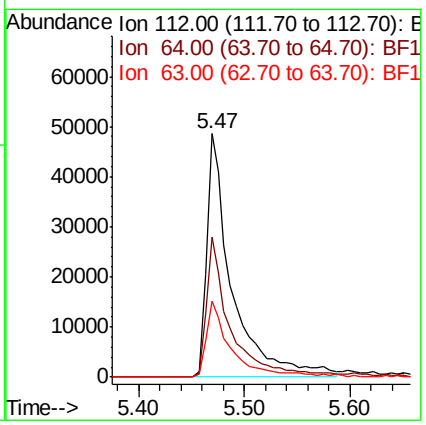


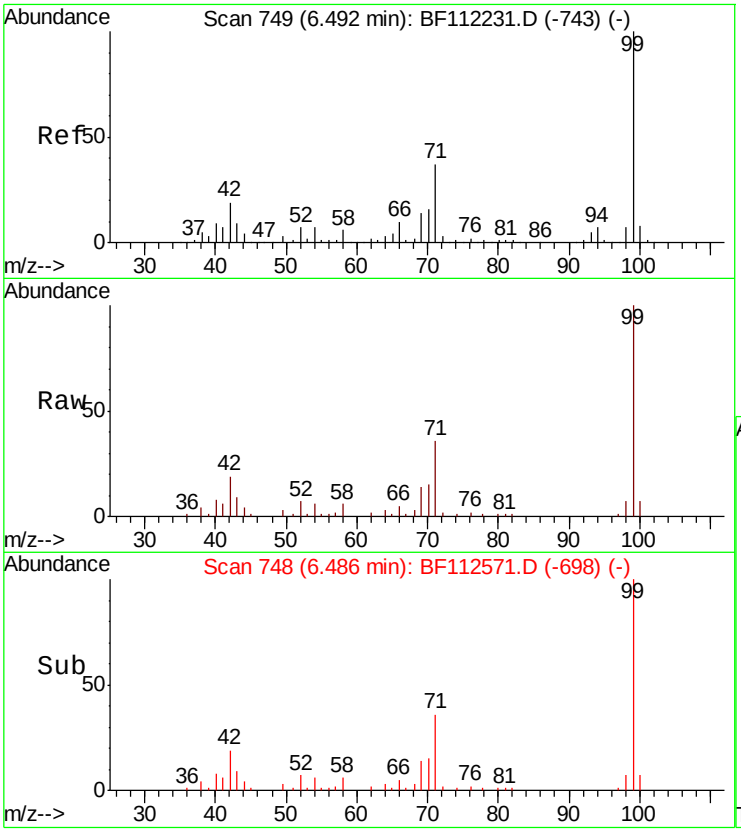


#5
2-Fluorophenol
Concen: 19.602 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:112 Resp: 80629

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.7	68.5
63	31.4	23.6	35.4



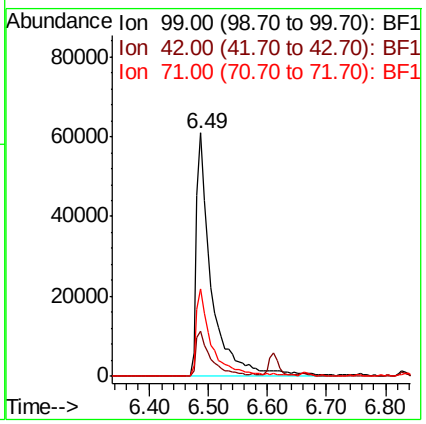


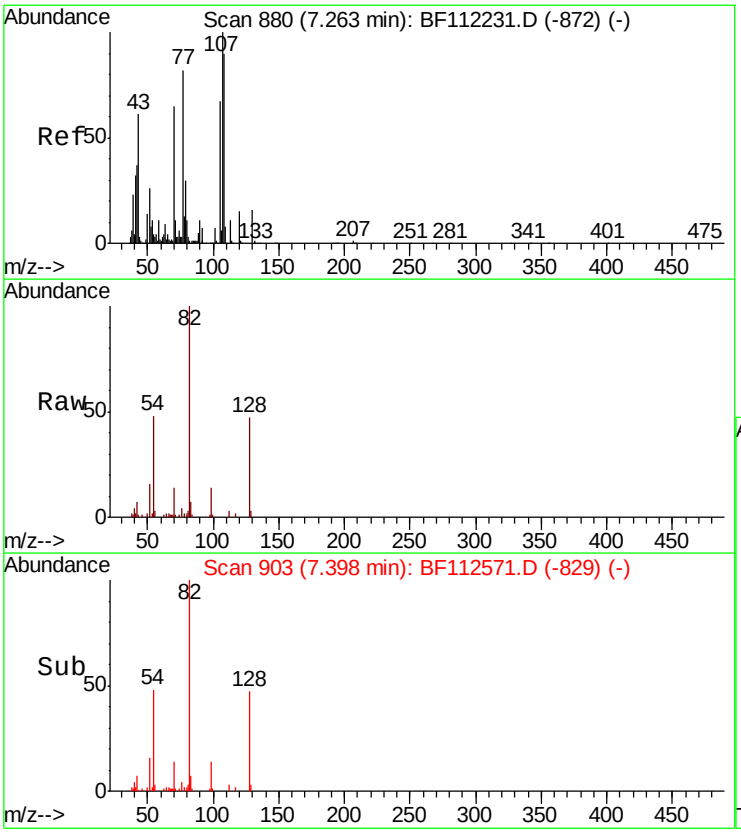
#7
Phenol-d6
Concen: 18.996 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion: 99 Resp: 108575

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.1	22.7
71	36.1	26.9	40.3

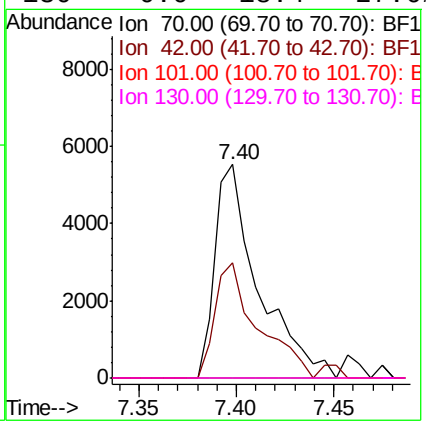


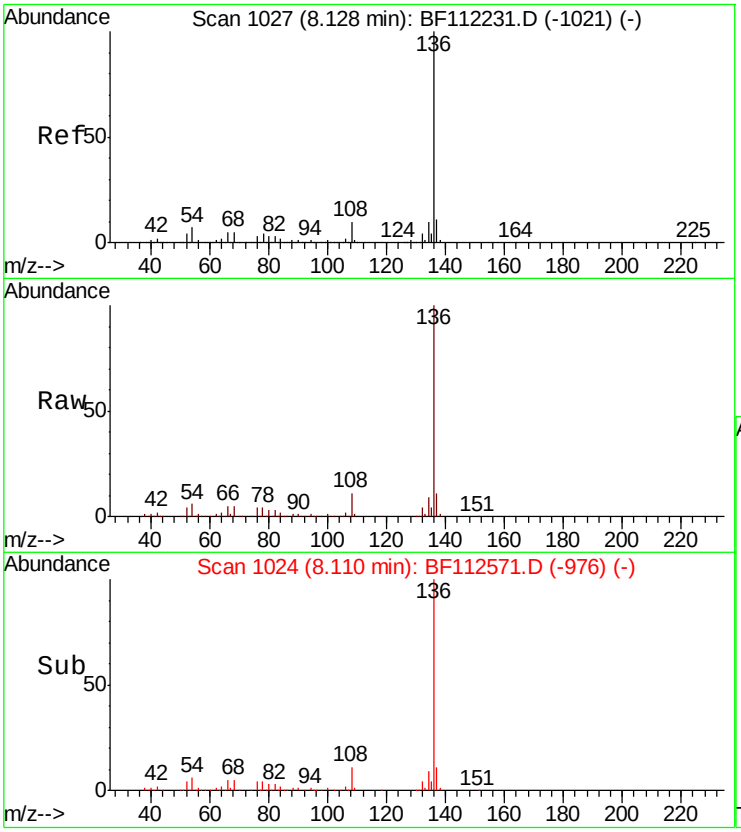


#19
n-Nitroso-di-n-propylamine
Concen: 2.165 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion: 70 Resp: 8533

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.6	71.4
101	0.0	7.9	11.9#
130	0.0	18.4	27.6#



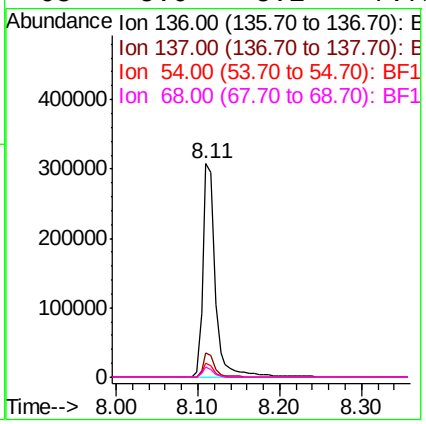


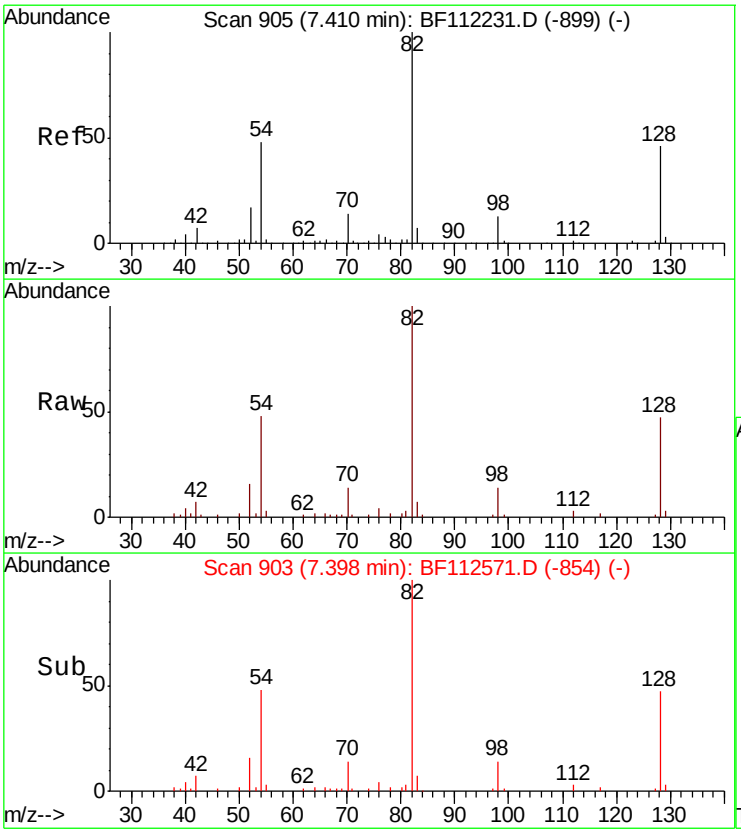
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:136 Resp: 329148

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.5	5.9	8.9
68	5.0	5.1	7.7#

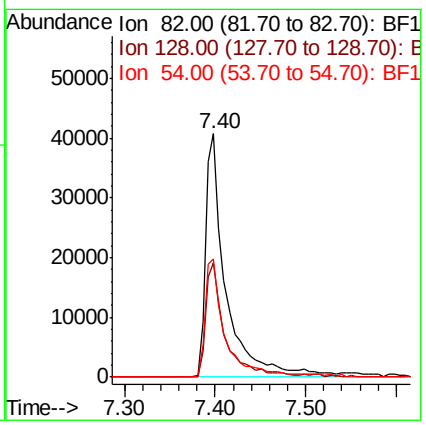


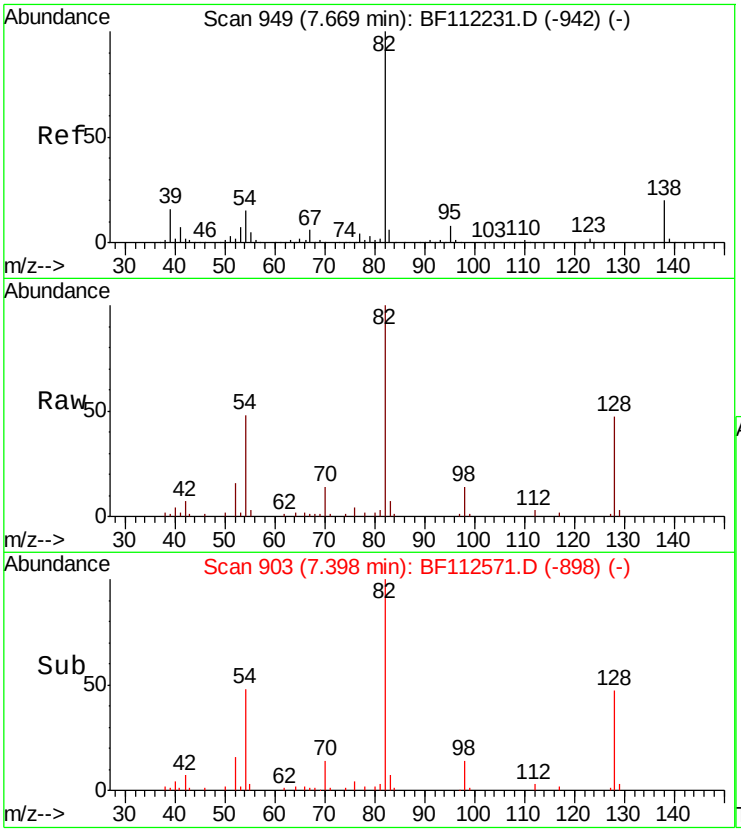


#23
Nitrobenzene-d5
Concen: 11.193 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion: 82 Resp: 63938

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	48.4	39.7	59.5



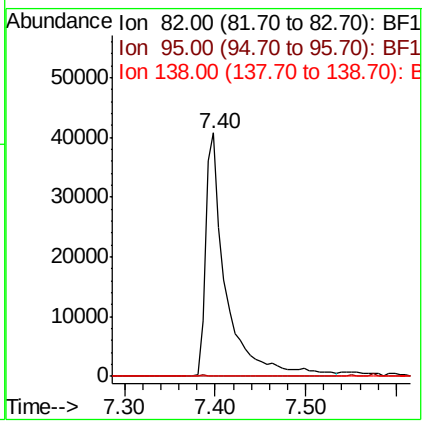


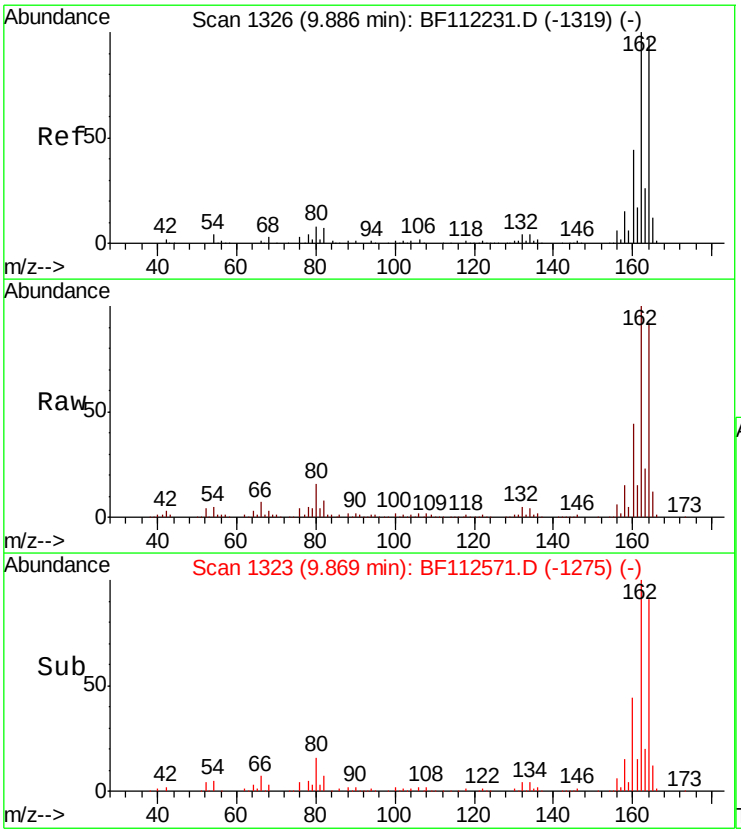
#25
Isophorone
Concen: 7.135 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion: 82 Resp: 63938

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

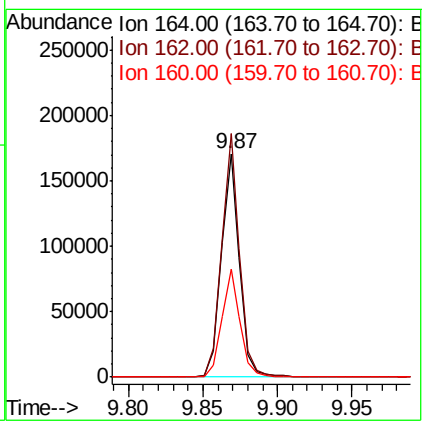


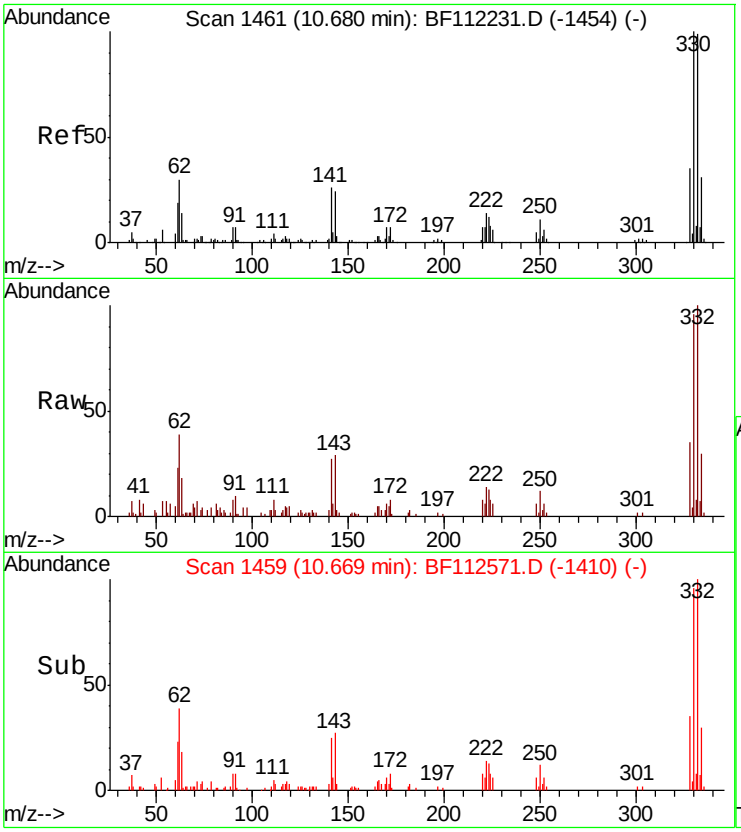


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:164 Resp: 146849

Ion	Ratio	Lower	Upper
164	100		
162	109.0	82.2	123.4
160	48.1	36.2	54.4



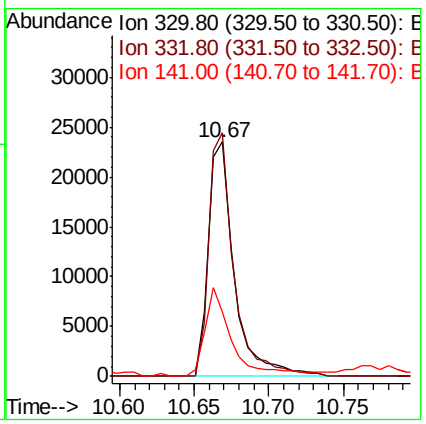


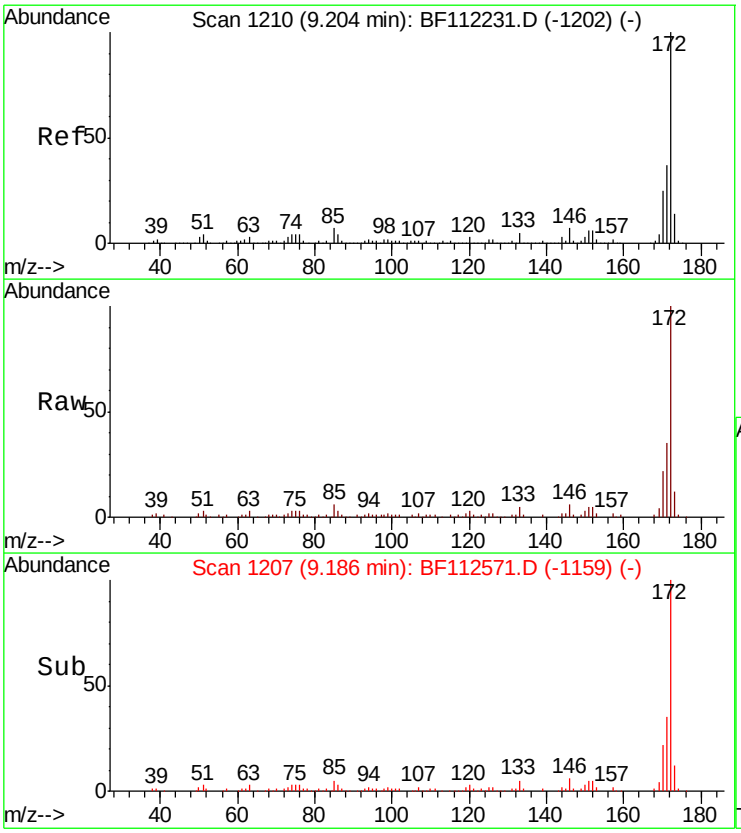
#42
2,4,6-Tribromophenol
Concen: 16.709 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:330 Resp: 28561

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	114.8
141	38.4	24.3	36.5#

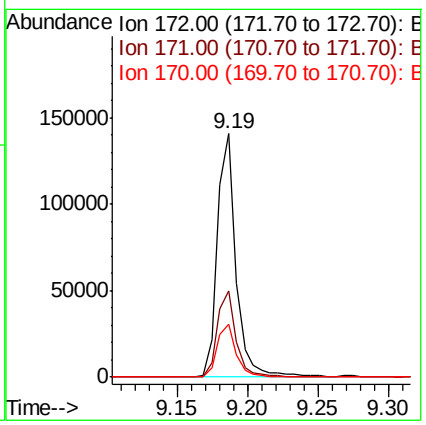


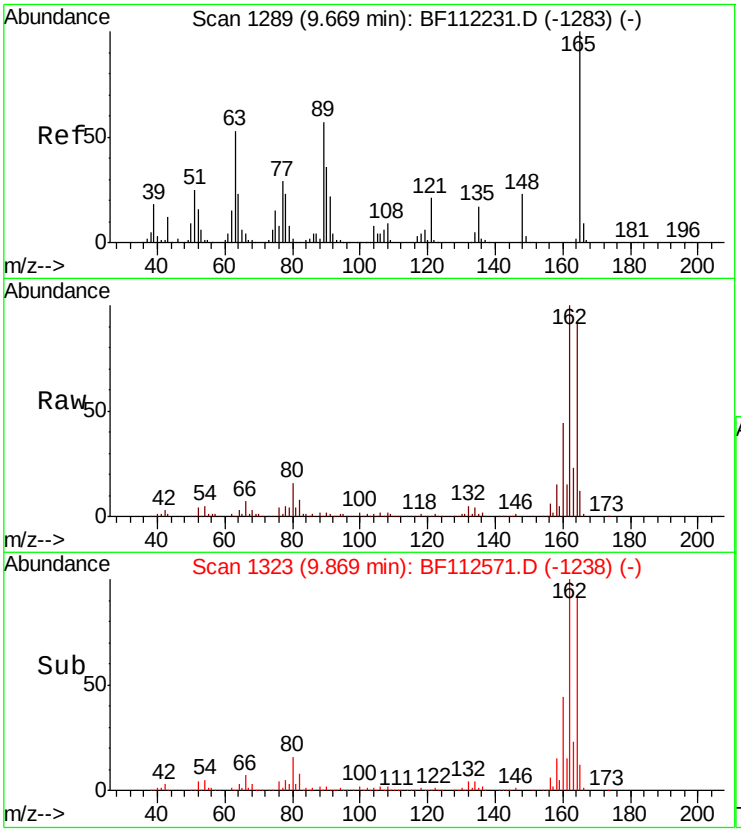


#45
2-Fluorobiphenyl
Concen: 12.476 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:172 Resp: 129539

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	21.9	20.2	30.4



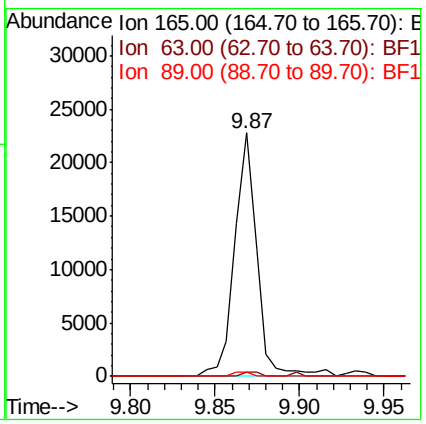


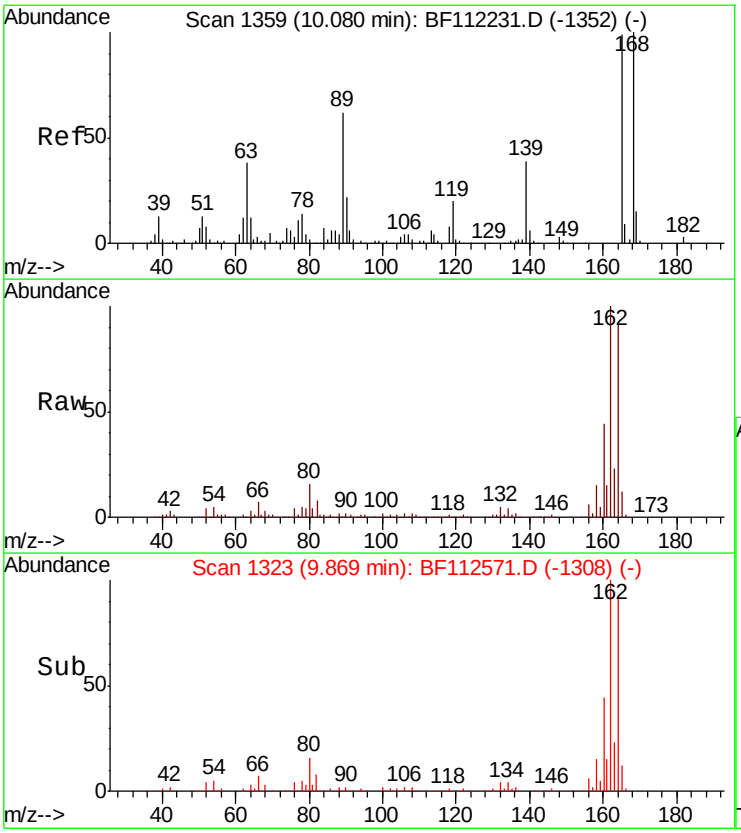
#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:165 Resp: 20867

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.8#
89	1.8	36.9	55.3#

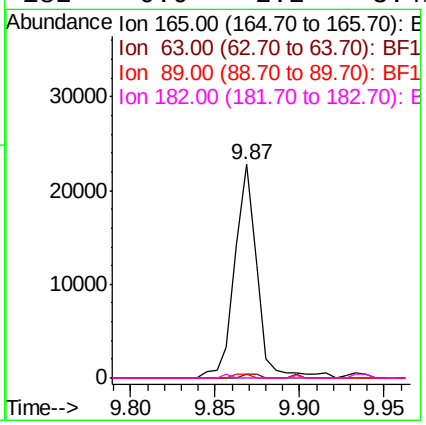


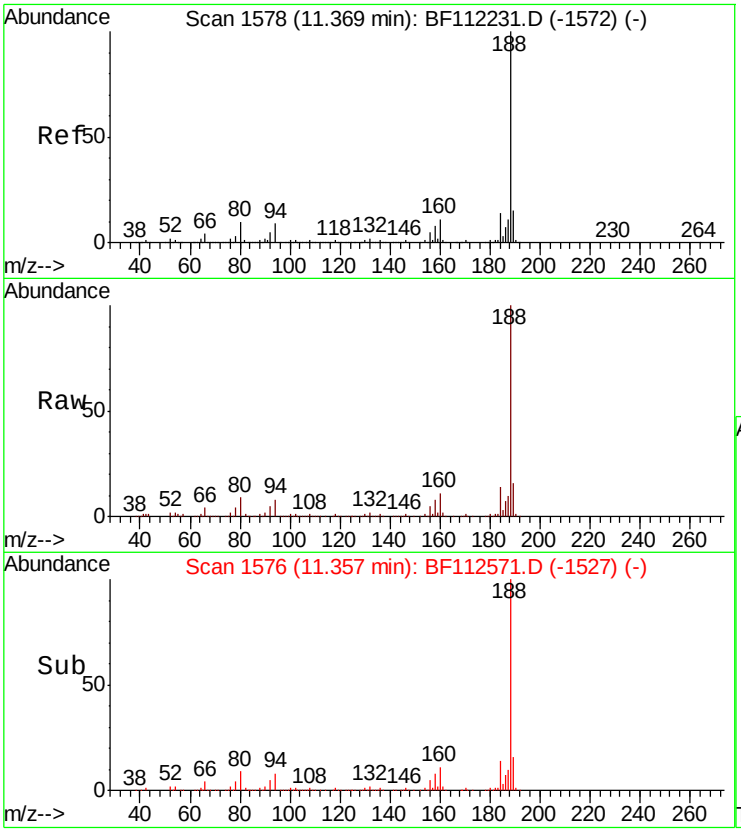


#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:165 Resp: 20867

Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#



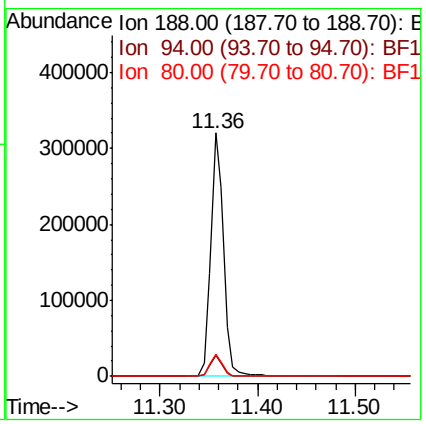


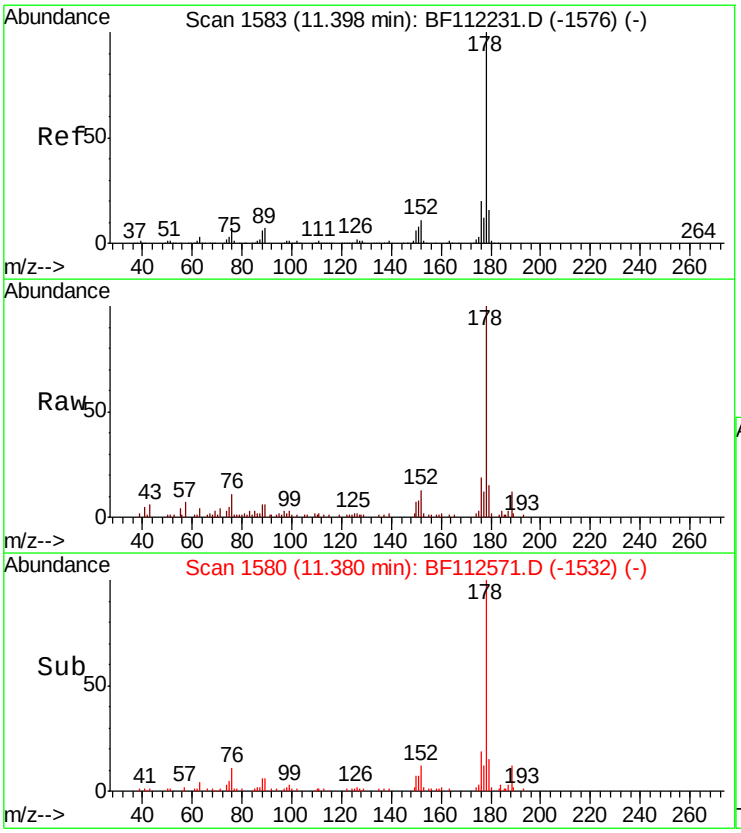
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:188 Resp: 289773

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.1	8.9	13.3

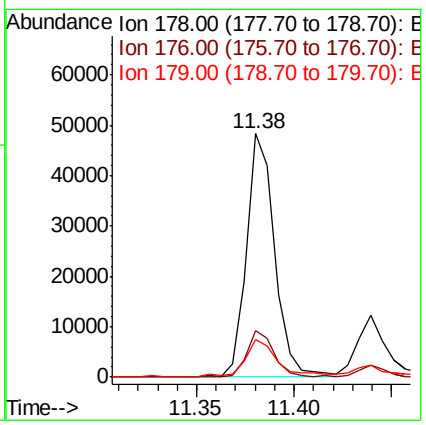


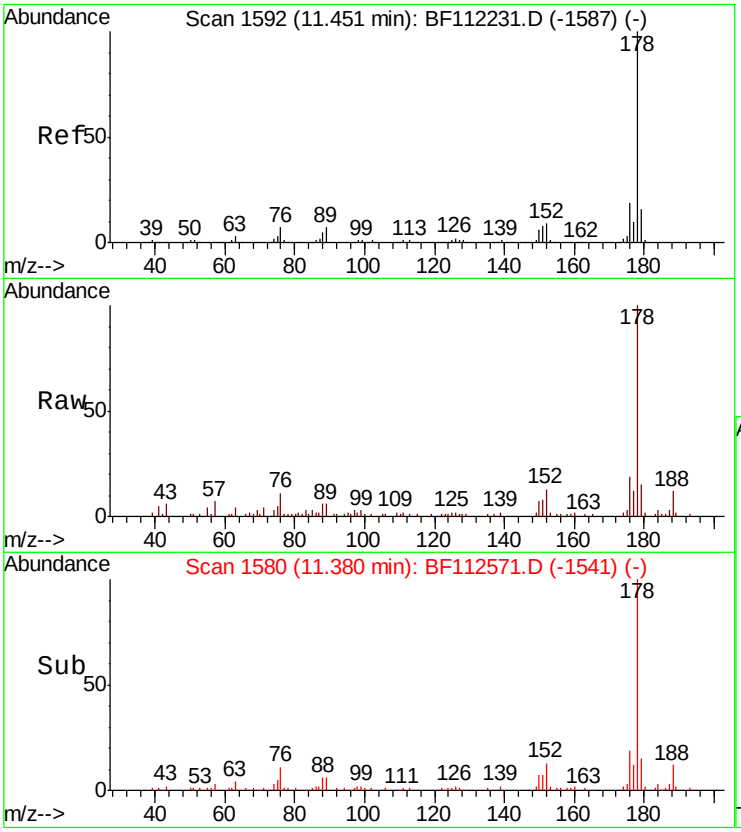


#71
Phenanthrene
Concen: 3.205 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:178 Resp: 48276

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.3	13.0	19.4



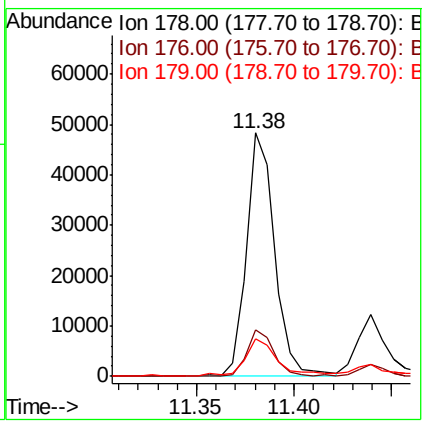


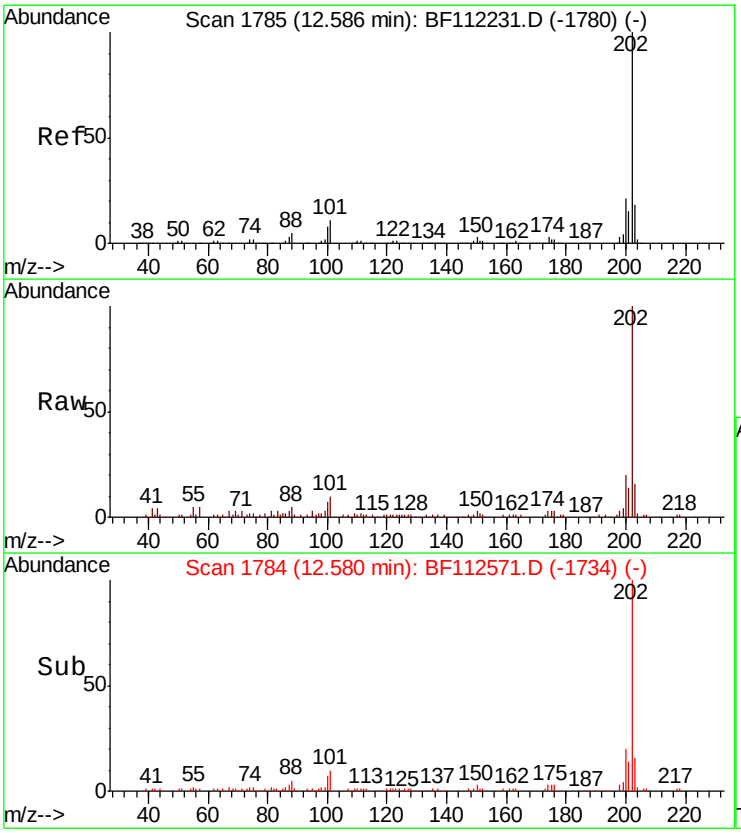
#72
Anthracene
Concen: 3.217 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.07 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:178 Resp: 48276

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.3	12.8	19.2

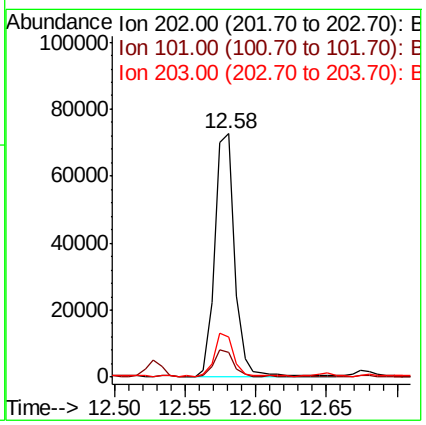


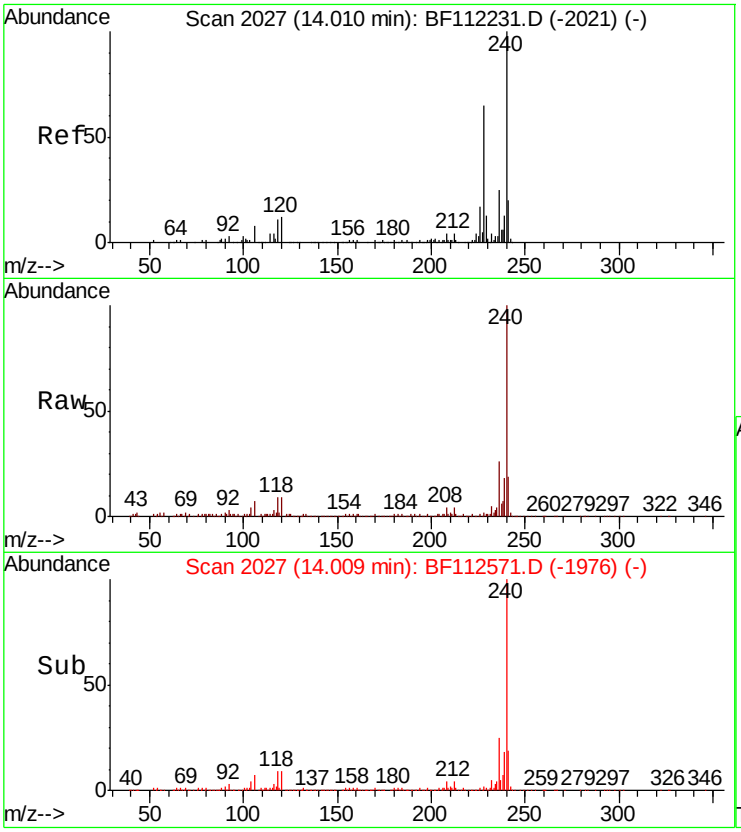


#75
Fluoranthene
Concen: 4.489 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:202 Resp: 72529

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.8
203	16.3	0.0	38.4



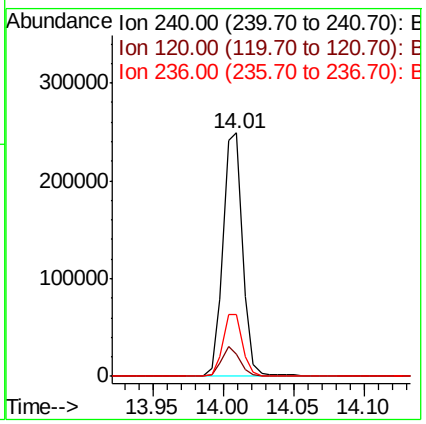


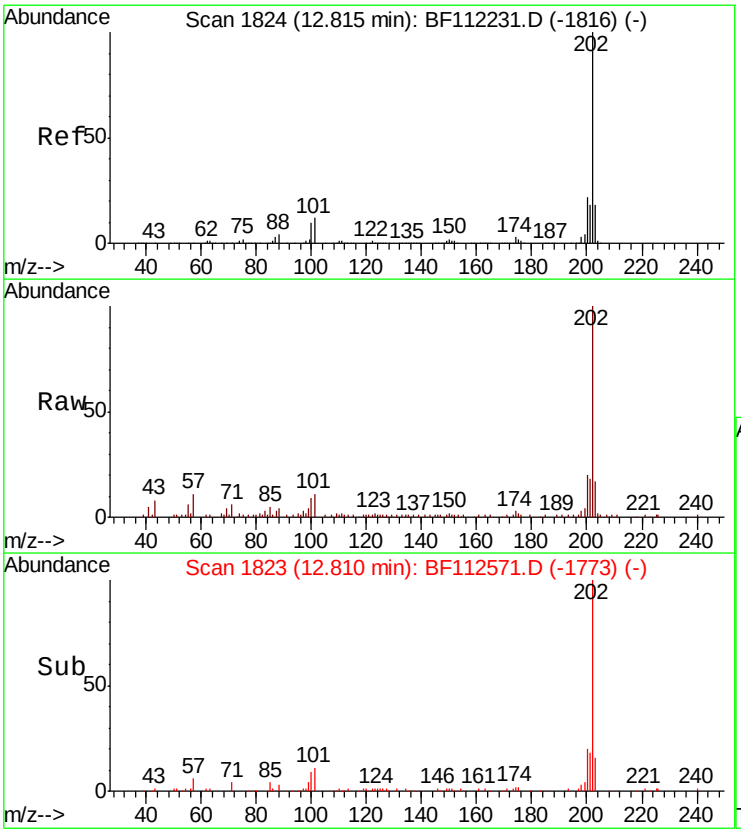
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:240 Resp: 241855

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.0	13.6
236	25.6	20.7	31.1

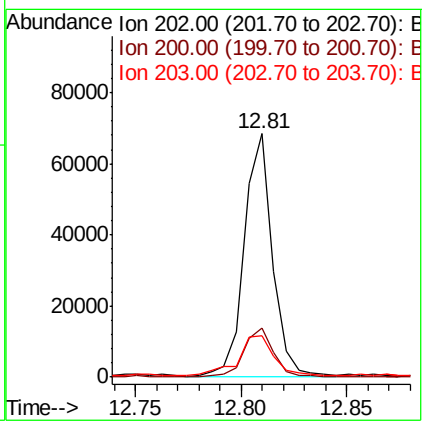


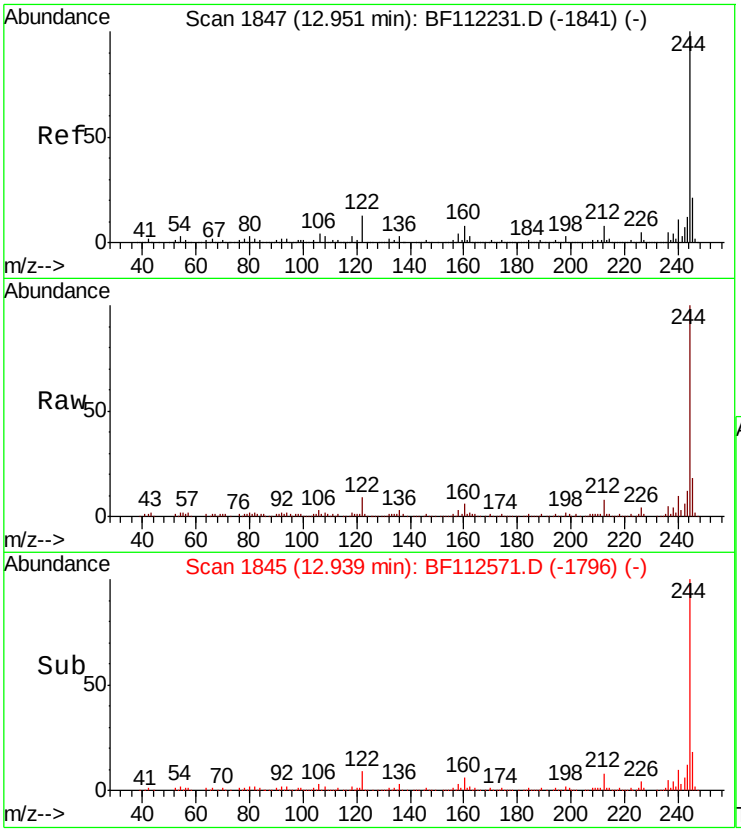


#78
Pyrene
Concen: 3.835 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:202 Resp: 64208

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	16.8	14.6	22.0



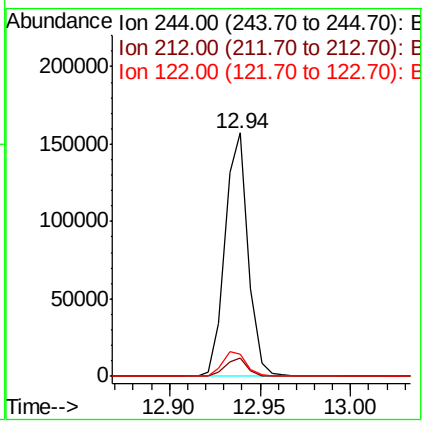


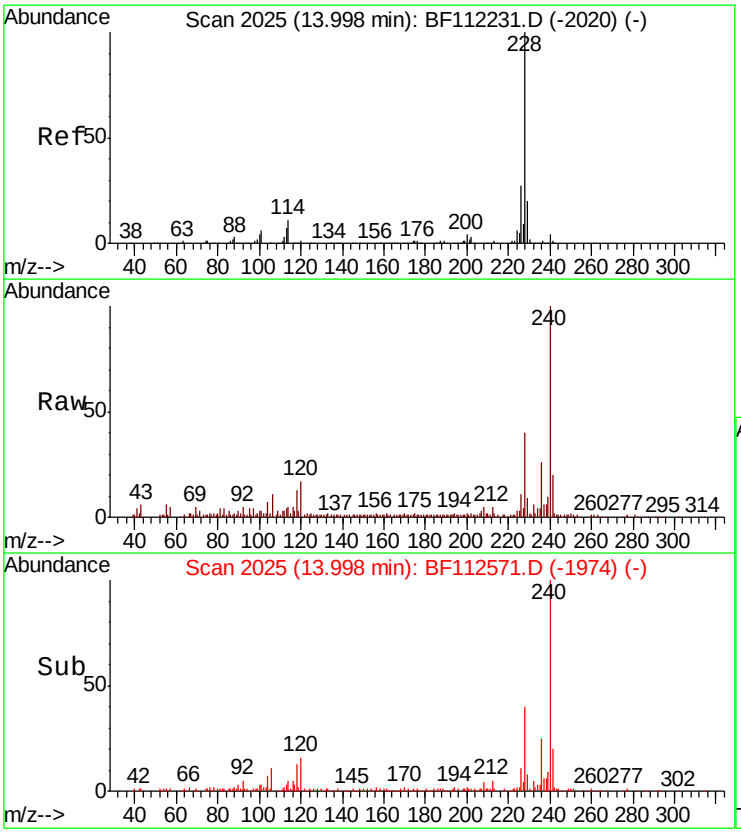
#79
Terphenyl-d14
Concen: 10.852 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:244 Resp: 139354

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.3	9.8	14.6#

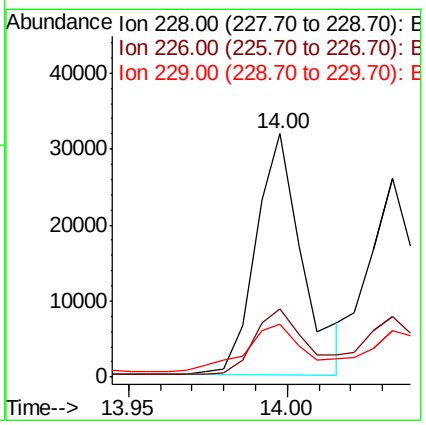


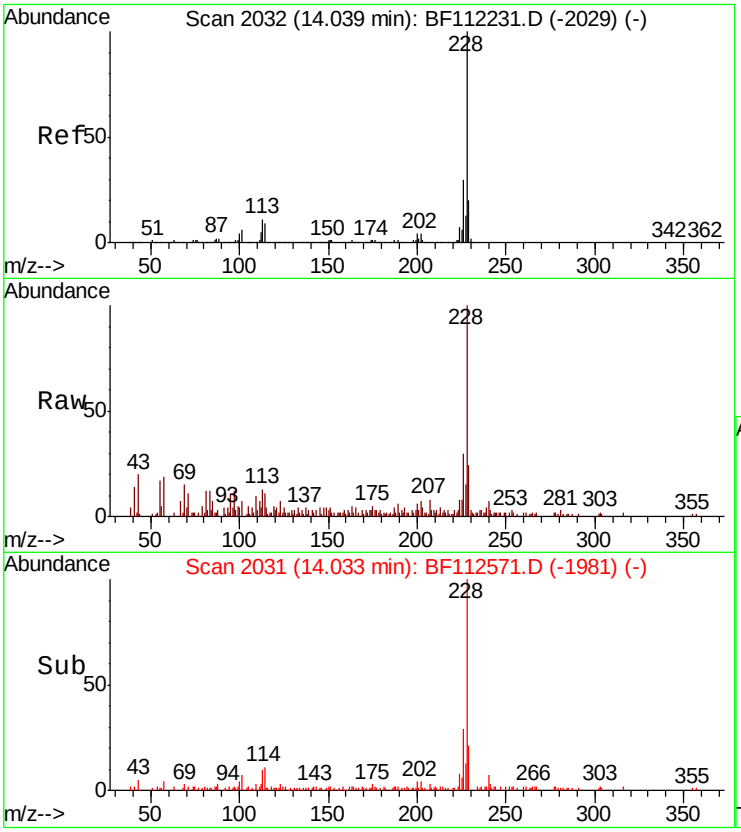


#81
Benzo(a)anthracene
Concen: 2.276 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:228 Resp: 32366

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	21.8	16.5	24.7



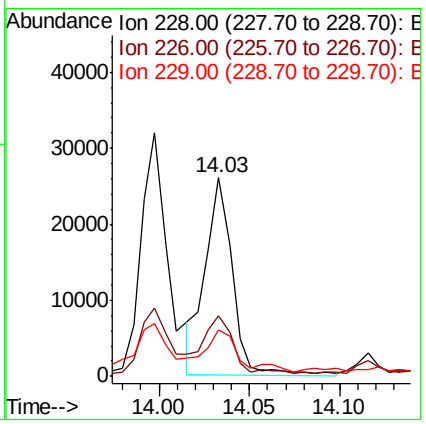


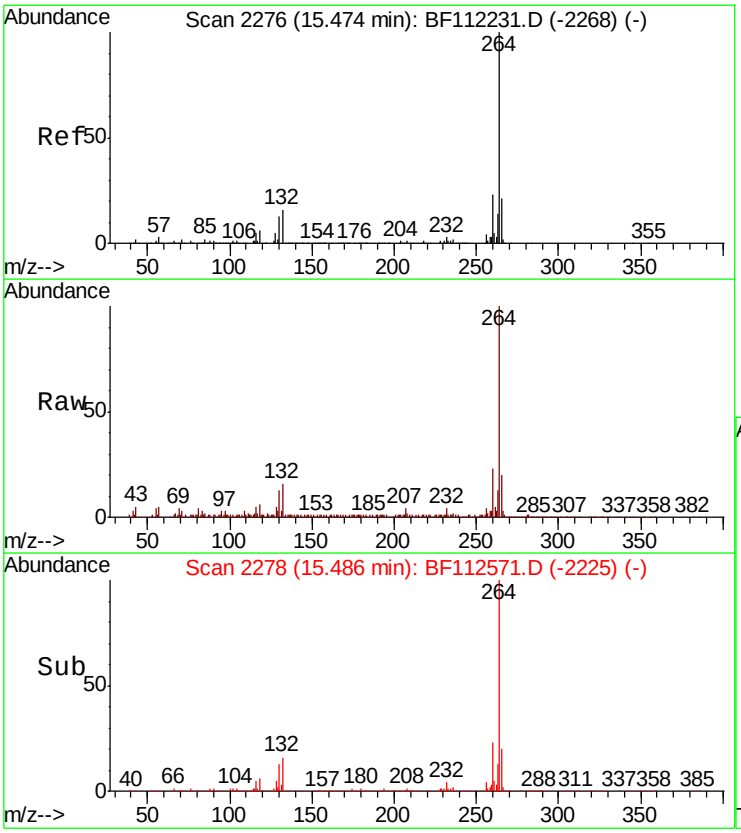
#83
Chrysene
Concen: 2.003 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:228 Resp: 27181

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.6	16.6	24.8

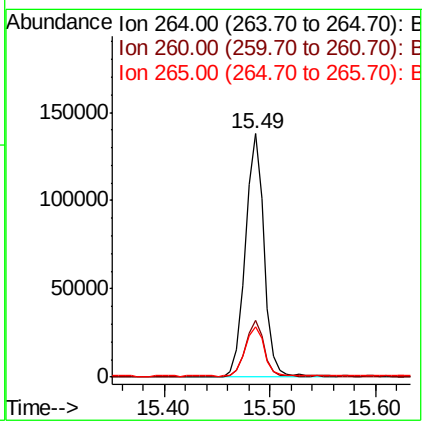


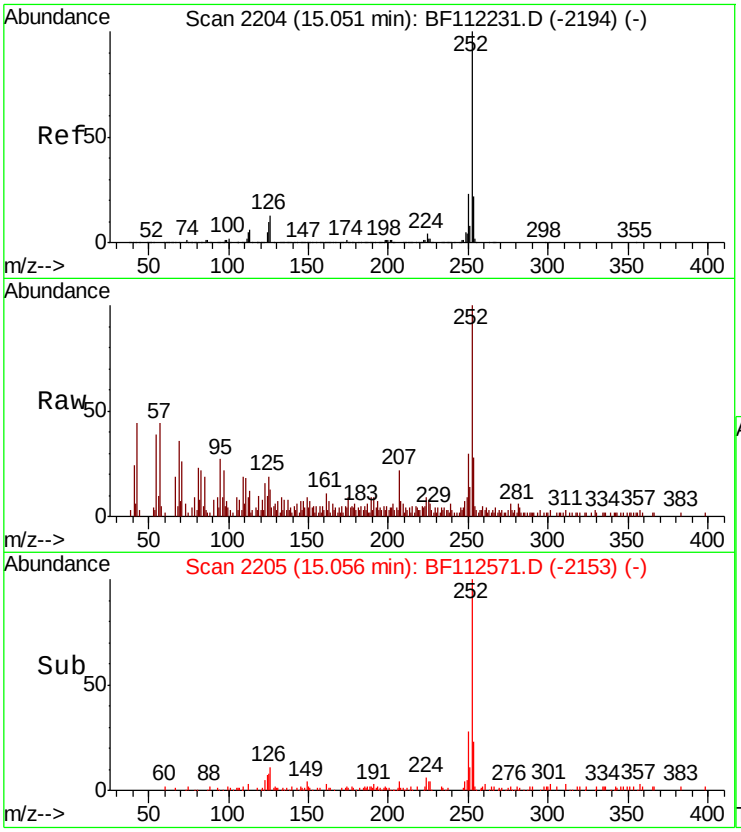


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:264 Resp: 170622

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	20.5	17.0	25.4



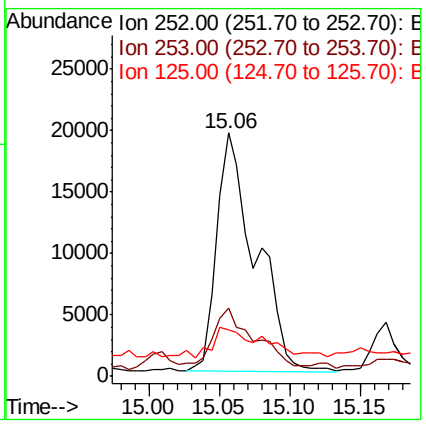


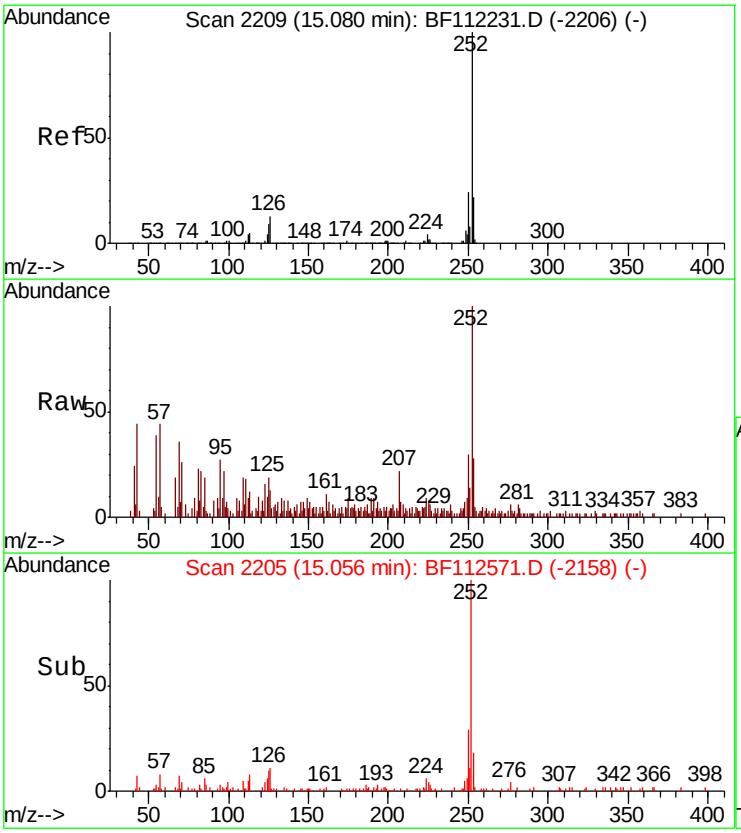
#88
Benzo(b)fluoranthene
Concen: 3.638 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:252 Resp: 37125

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0#
125	19.0	8.7	13.1#

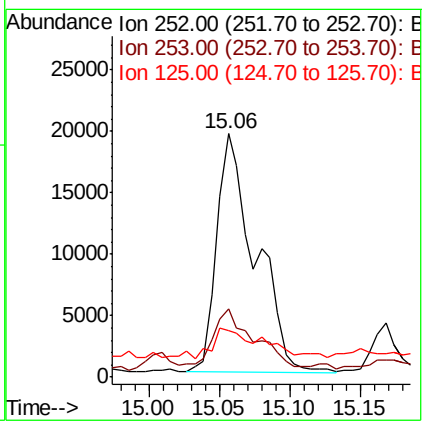


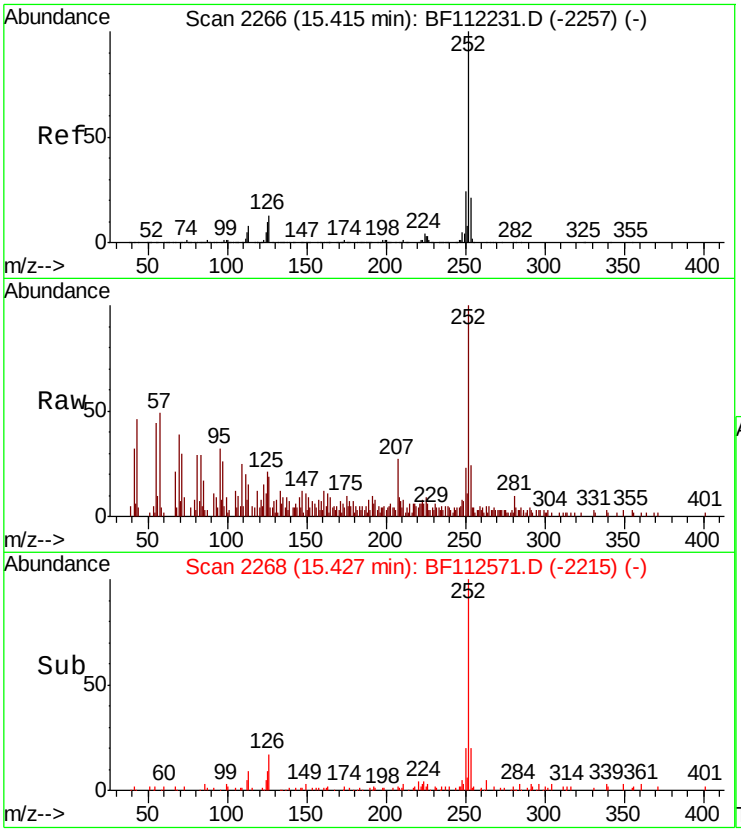


#89
Benzo(k)fluoranthene
Concen: 3.798 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Tgt Ion:252 Resp: 37125

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0#
125	19.0	9.1	13.7#





#90
Benzo(a)pyrene
Concen: 2.037 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112571.D
Acq: 14 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-C

Tgt Ion:252 Resp: 18707

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	20.7	9.0	13.4#