Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111549.D
Acq On : 17 Dec 2018 19:59
Operator : JU/SJ
Sample : J6403-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Time: Dec 18 04:11:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130352	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	532367	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	250442	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	422080	20.00	ng		-0.01
76) Chrysene-d12	13.94	240	264040	20.00	ng		0.00
87) Perylene-d12	15.38	264	421496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	782437	99.89	ng		0.00
7) Phenol-d6	6.44	99	797407	76.53	ng		0.00
23) Nitrobenzene-d5	7.35	82	488005	54.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	145105	64.68	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	833526	51.41	ng		-0.01
79) Terphenyl-d14	12.89	244	578822	51.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	51147	4.406	ng		91
19) n-Nitroso-di-n-propylamine	7.35	70	63274	9.204	ng	#	80
25) Isophorone	7.35	82	488000	32.261	ng	#	64
50) Dimethylphthalate	9.54	163	83244	4.615	ng		97
51) 2,6-Dinitrotoluene	9.82	165	32578	8.025	ng	#	29
57) 2,4-Dinitrotoluene	9.82	165	32578	6.114	ng	#	25
67) 4-Bromophenyl-phenylether	10.61	248	9397	2.066	ng	#	1
75) Fluoranthene	12.52	202	137439	6.460	ng		94
78) Pyrene	12.74	202	120204	6.457	ng		95
81) Benzo(a)anthracene	13.93	228	48531	3.380	ng		99
83) Chrysene	13.97	228	51715	3.419	ng		94
86) Indeno(1,2,3-cd)pyrene	16.79	276	39311	3.601	ng	#	91
88) Benzo(b)fluoranthene	14.96	252	84864	3.453	ng		98
89) Benzo(k)fluoranthene	14.96	252	84864	3.614	ng		98
90) Benzo(a)pyrene	15.32	252	71368	3.221	ng		98
92) Benzo(g,h,i)perylene	17.22	276	38800	2.261	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111549.D
Acq On : 17 Dec 2018 19:59
Operator : JU/SJ
Sample : J6403-01
Misc :
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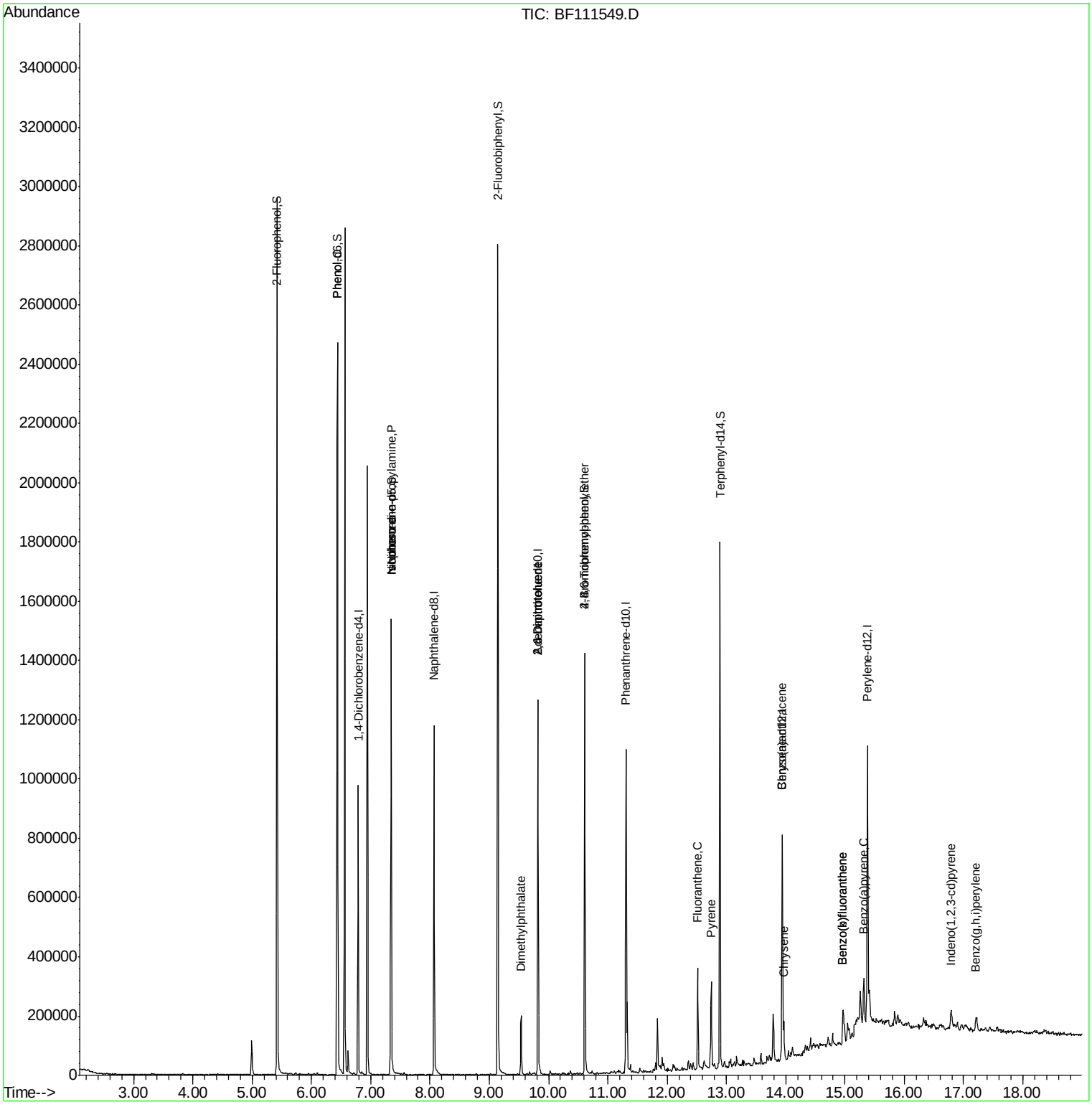
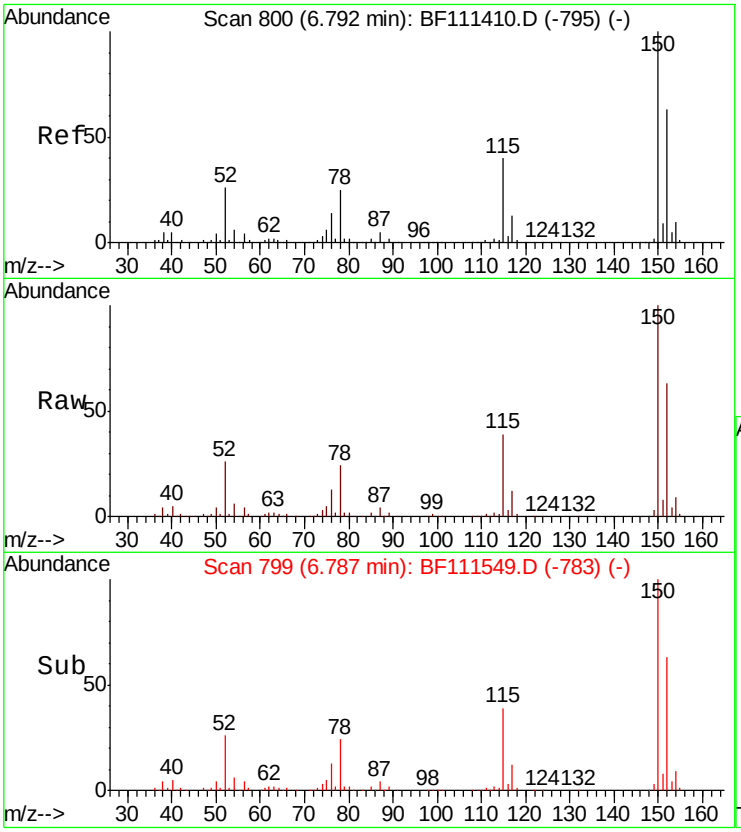
TP-1-A

Quant Time: Dec 18 04:11:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



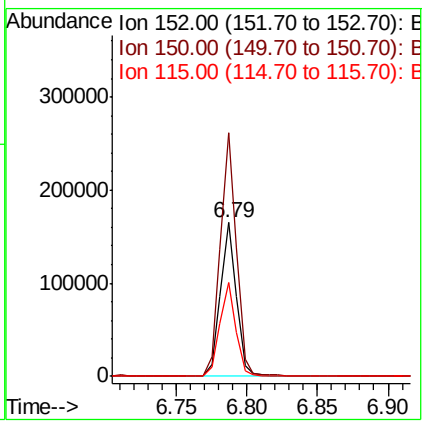


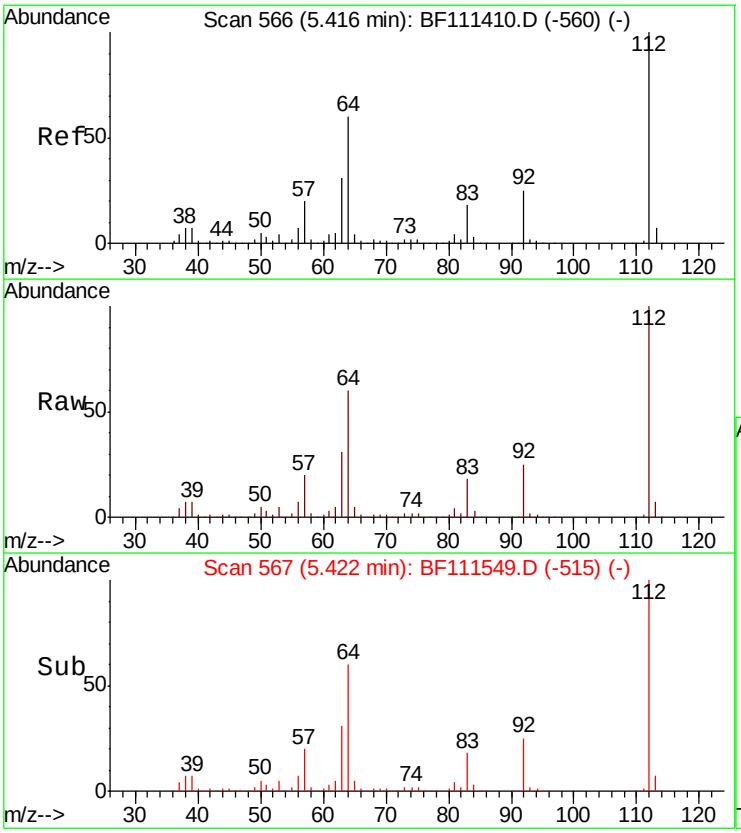
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:152 Resp: 130352

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	61.3	50.7	76.1

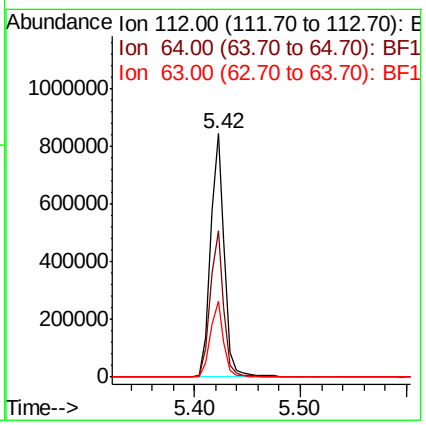


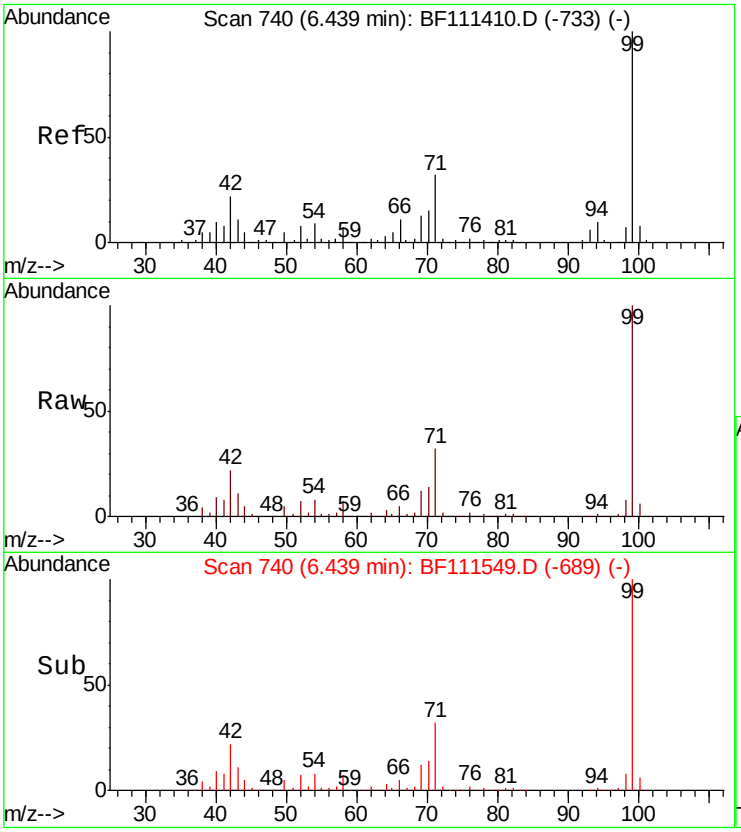


#5
2-Fluorophenol
Concen: 99.885 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:112 Resp: 782437

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.4	26.8	40.2



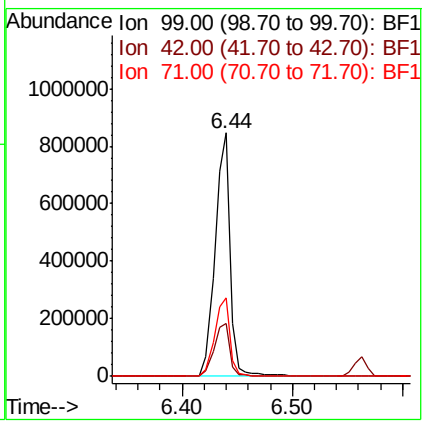


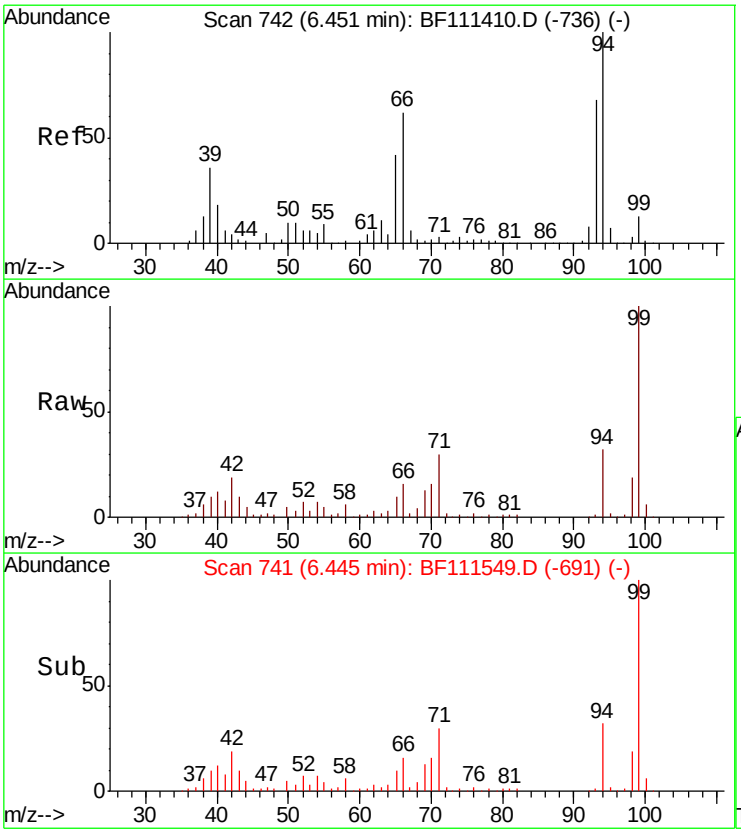
#7
Phenol-d6
Concen: 76.528 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion: 99 Resp: 797407

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	32.3	26.1	39.1

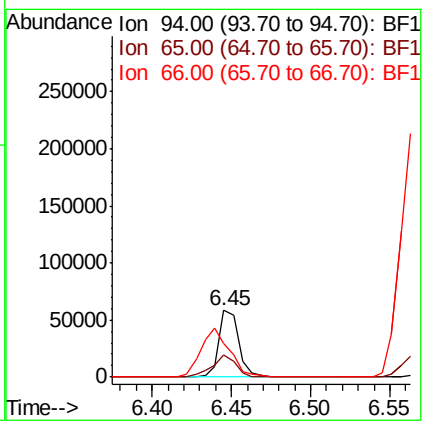


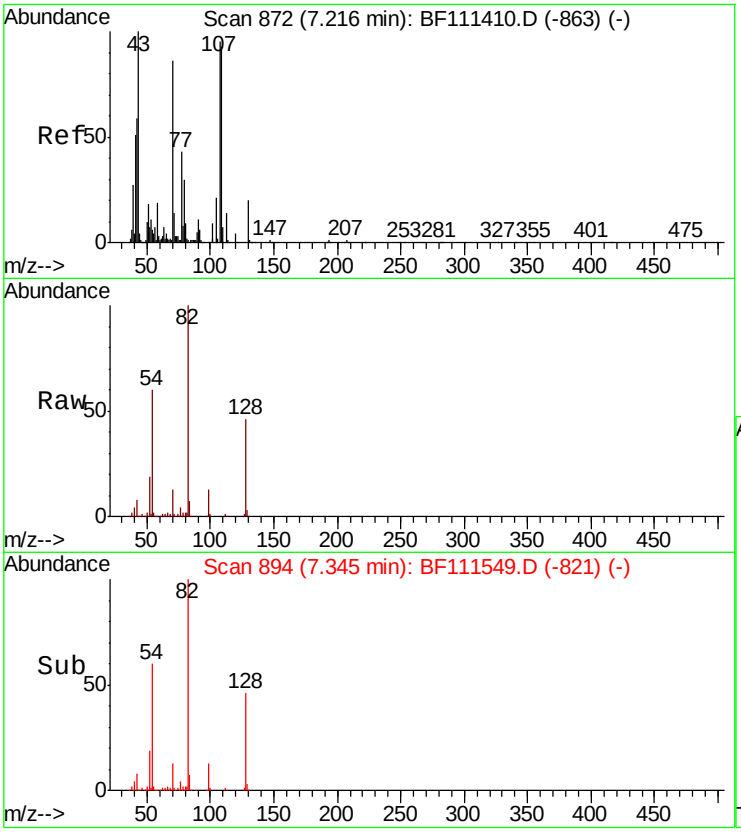


#10
Phenol
Concen: 4.406 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion: 94 Resp: 51147

Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.7	51.7
66	50.5	21.0	61.0



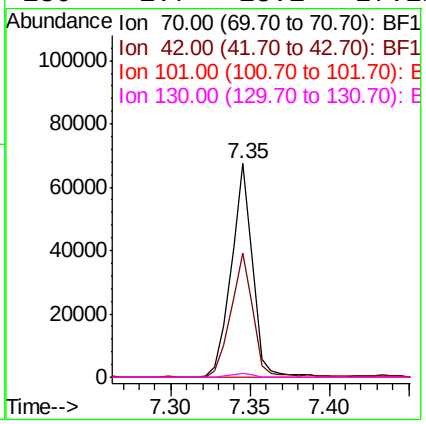


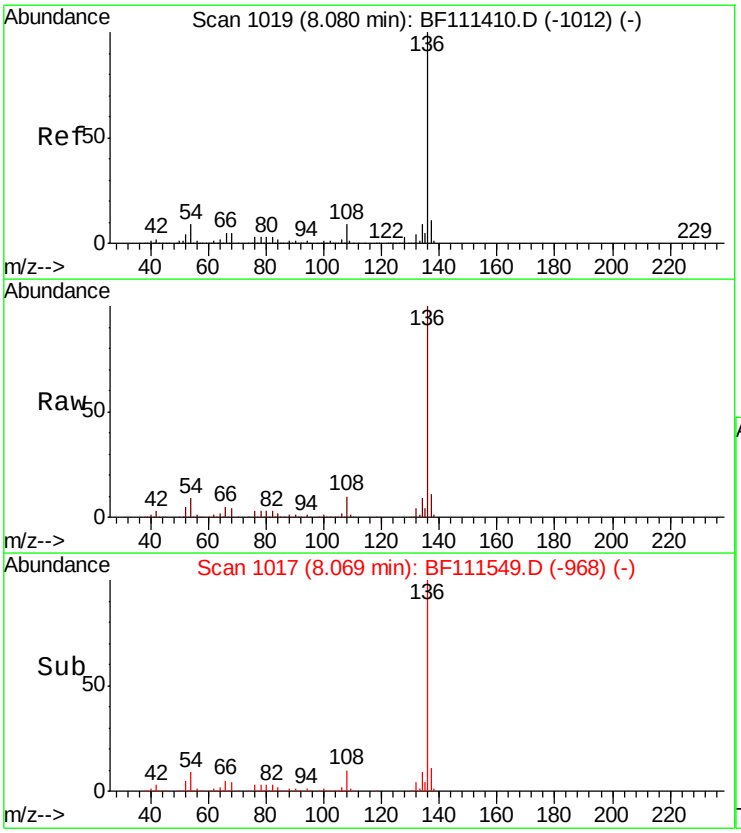
#19
n-Nitroso-di-n-propylamine
Concen: 9.204 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion: 70 Resp: 63274

Ion	Ratio	Lower	Upper
70	100		
42	58.0	53.2	79.8
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

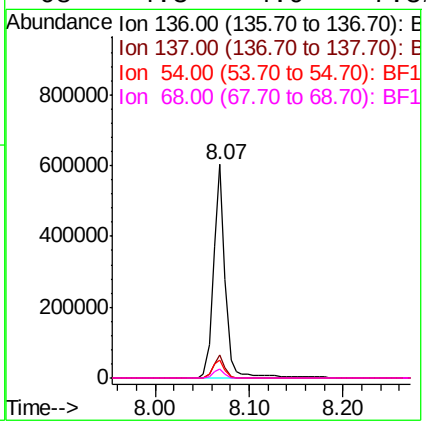


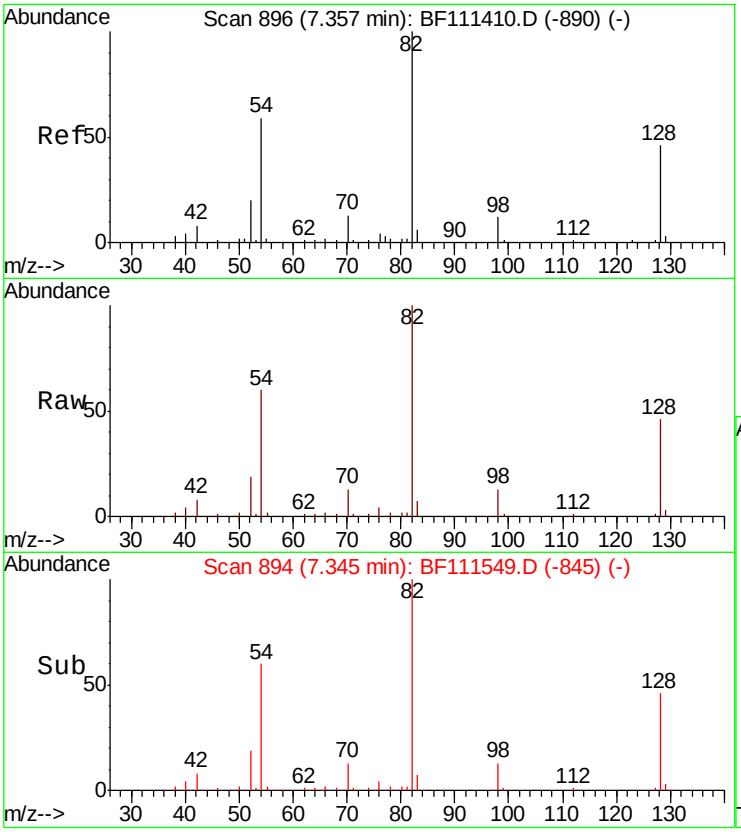


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:136 Resp: 532367

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.6	7.7	11.5
68	4.3	4.9	7.3#



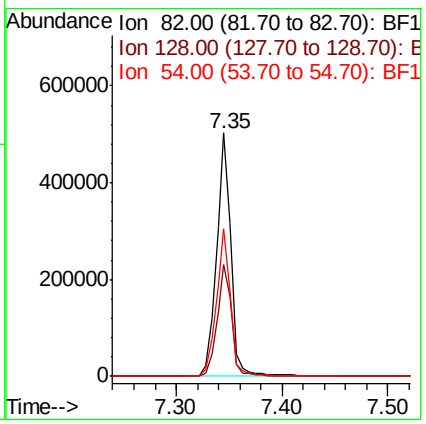


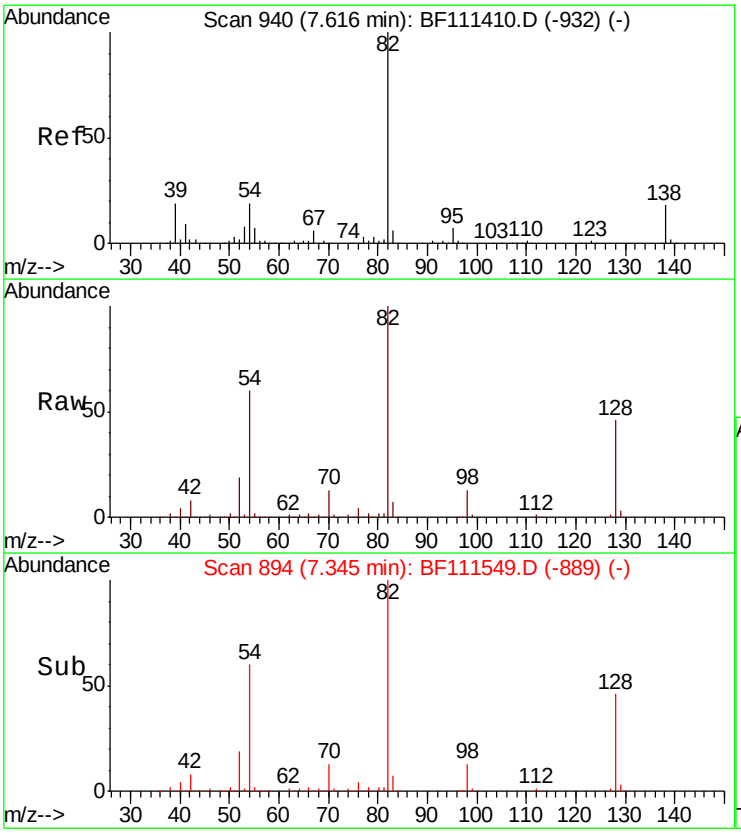
#23
Nitrobenzene-d5
Concen: 54.586 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion: 82 Resp: 488005

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.4	56.2
54	60.5	47.6	71.4

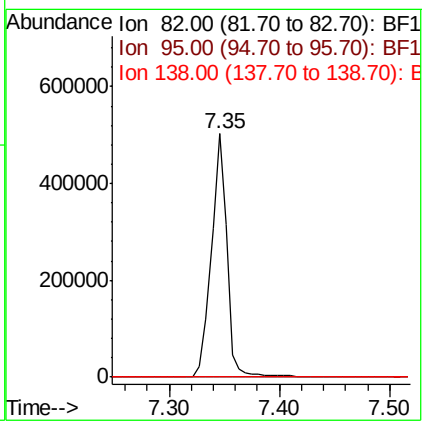


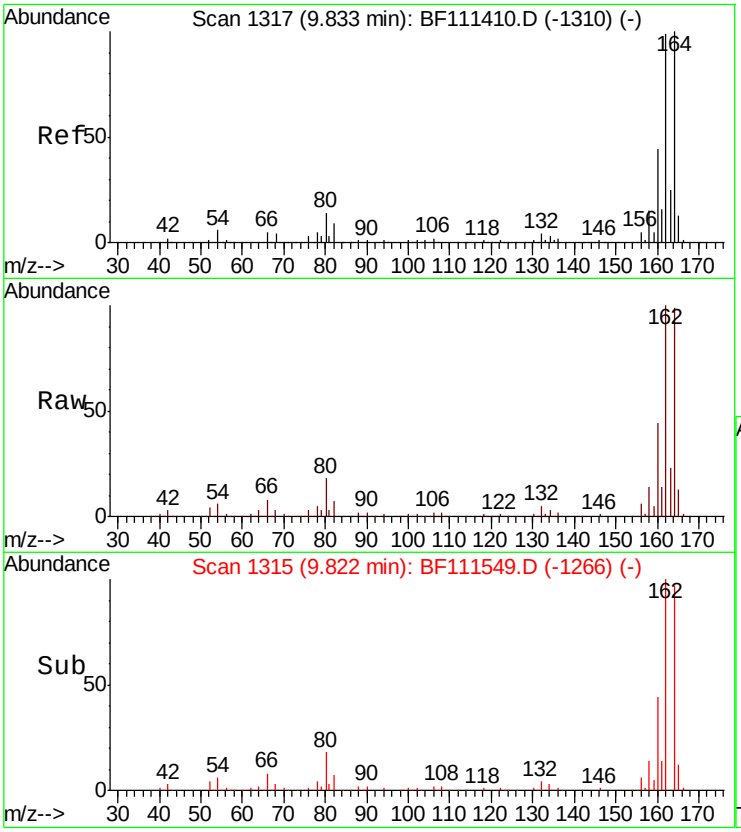


#25
Isophorone
Concen: 32.261 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion: 82 Resp: 488000

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



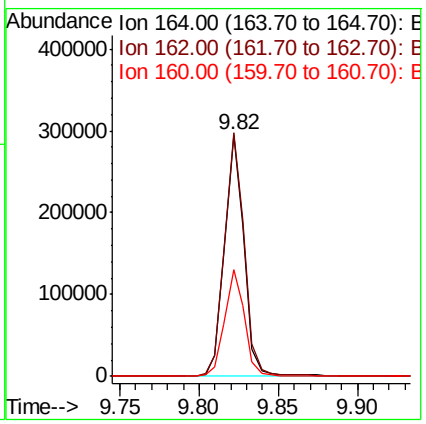


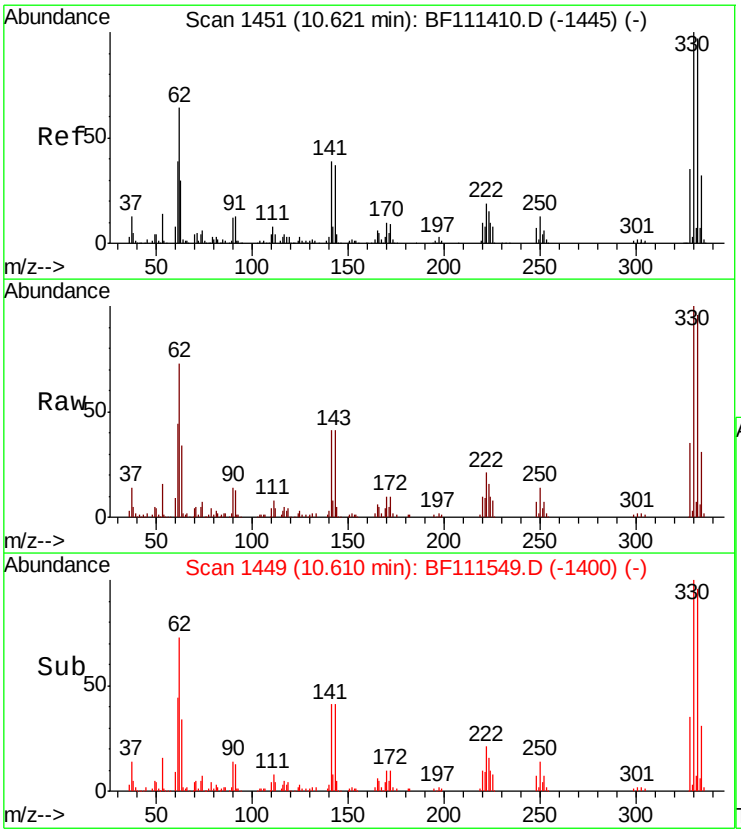
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:164 Resp: 250442

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.2	35.7	53.5

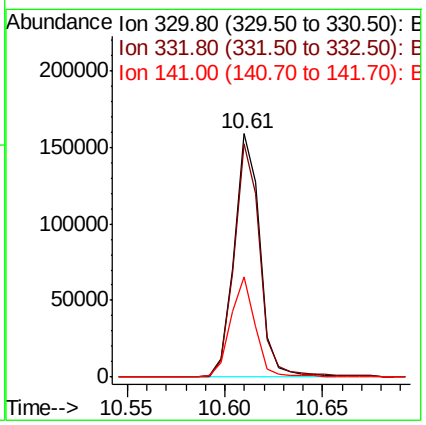


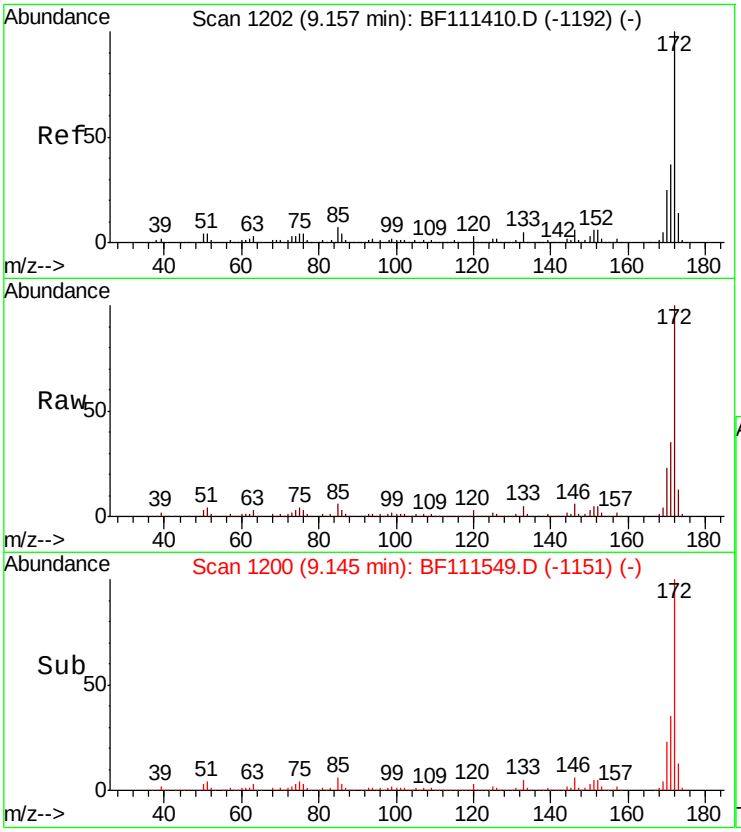


#42
2,4,6-Tribromophenol
Concen: 64.680 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:330 Resp: 145105

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	40.0	31.0	46.6



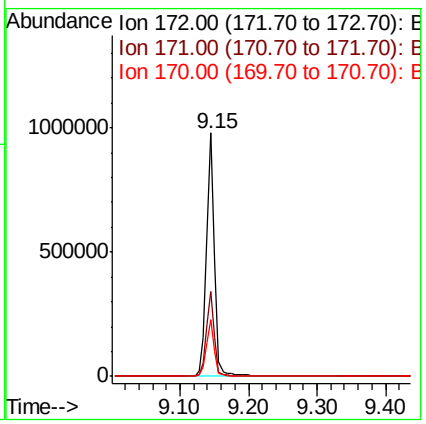


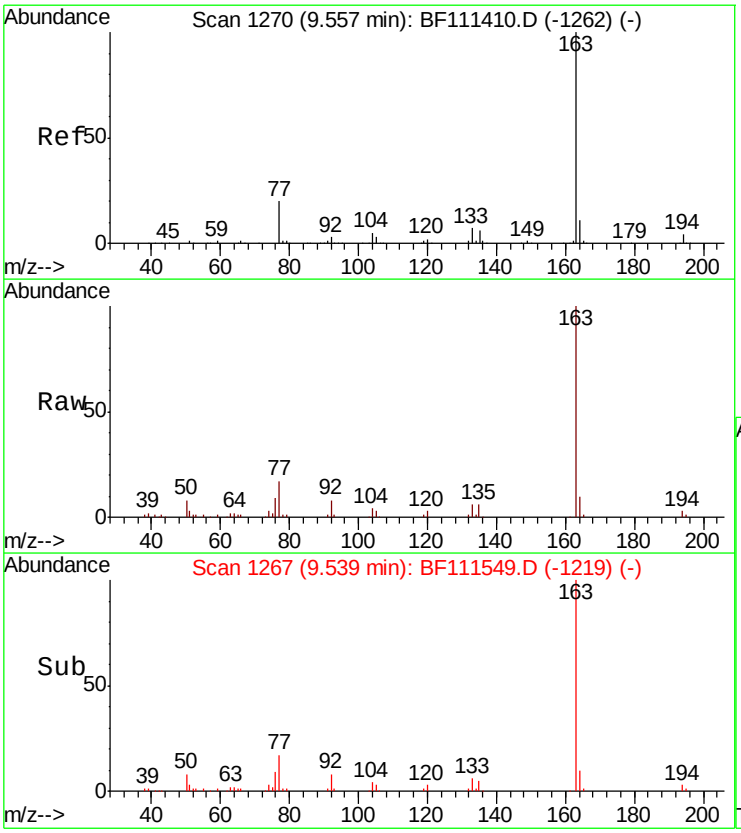
#45
2-Fluorobiphenyl
Concen: 51.409 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:172 Resp: 833526

Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.4	22.3	33.5

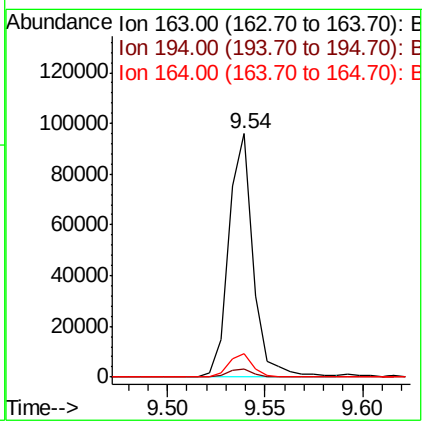


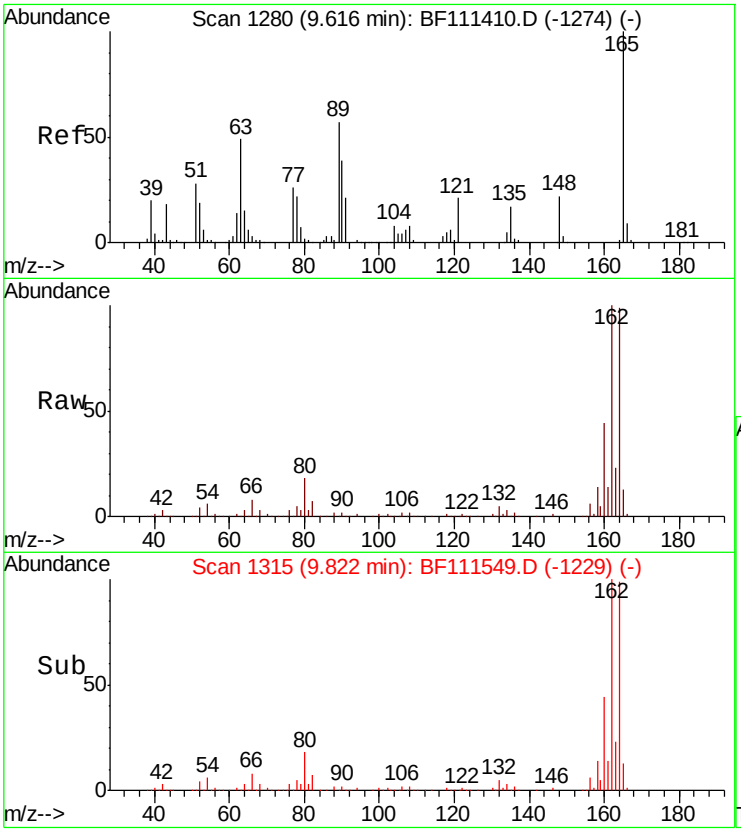


#50
Dimethylphthalate
Concen: 4.615 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:163 Resp: 83244

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.8	8.9	13.3



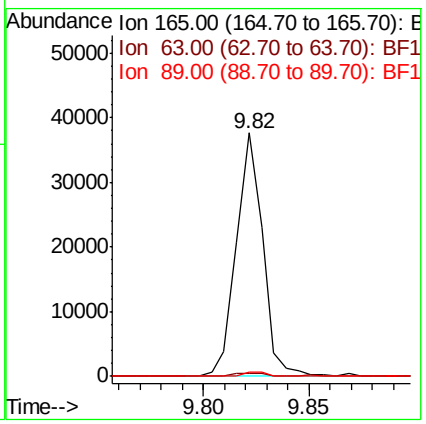


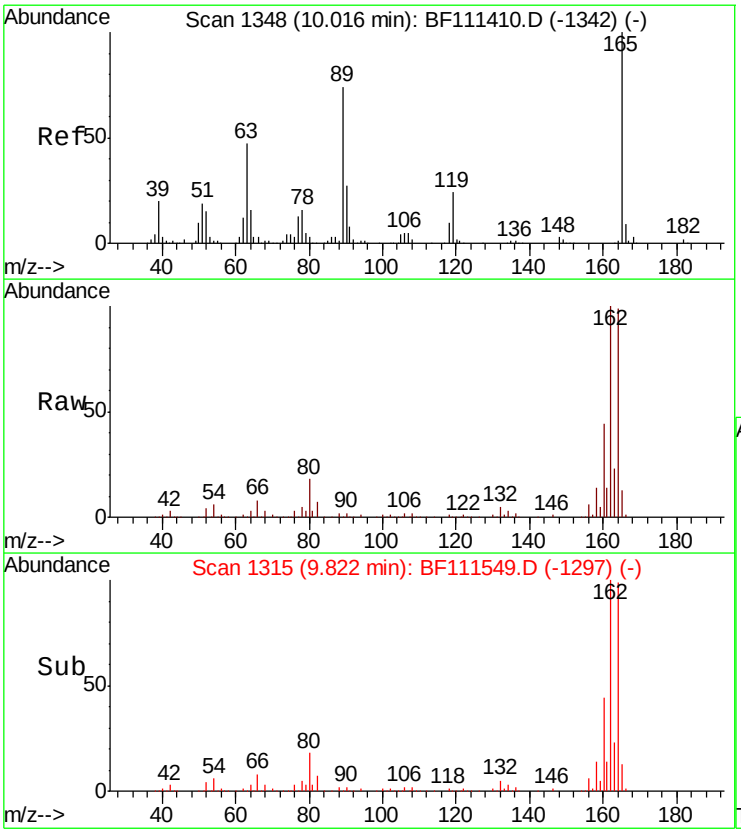
#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:165 Resp: 32578

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.6	40.0	60.0#

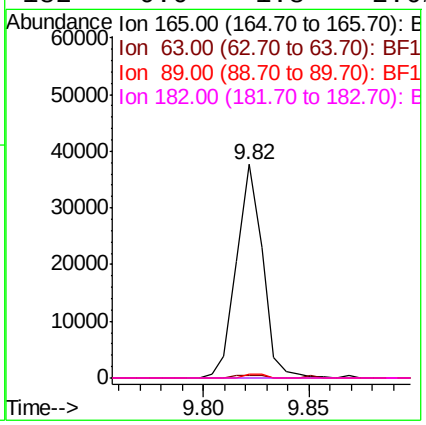


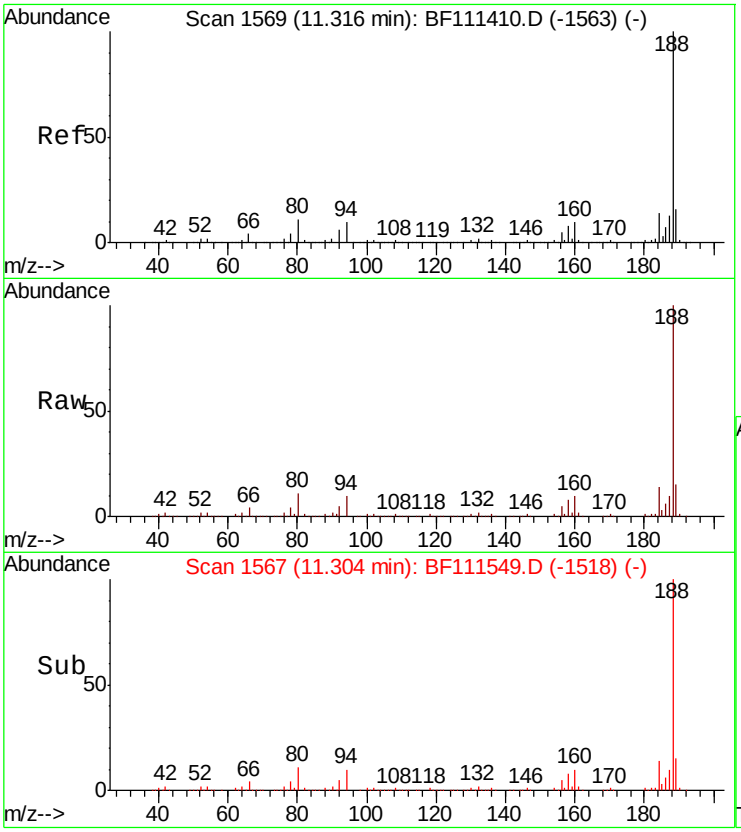


#57
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:165 Resp: 32578

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



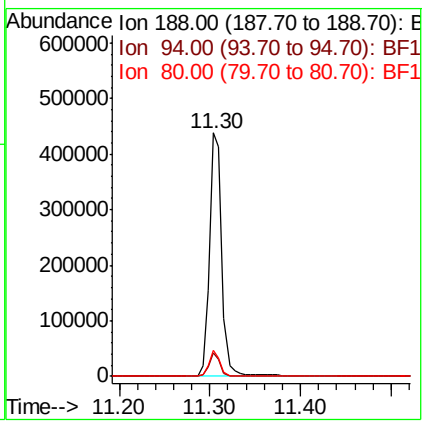


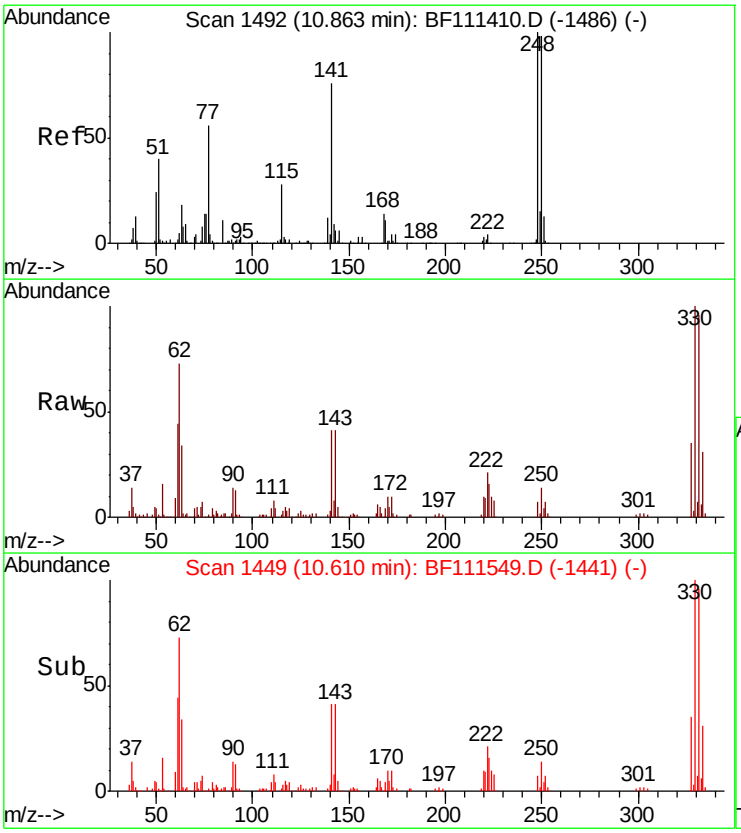
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:188 Resp: 422080

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.6	14.4
80	10.7	9.8	14.6

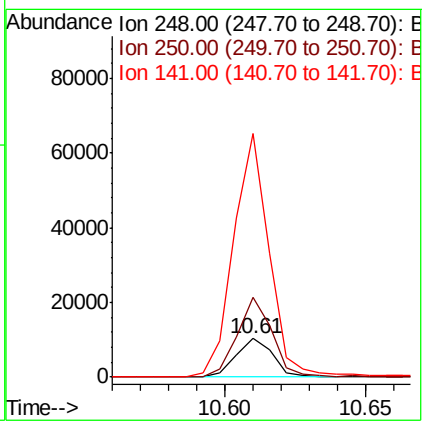


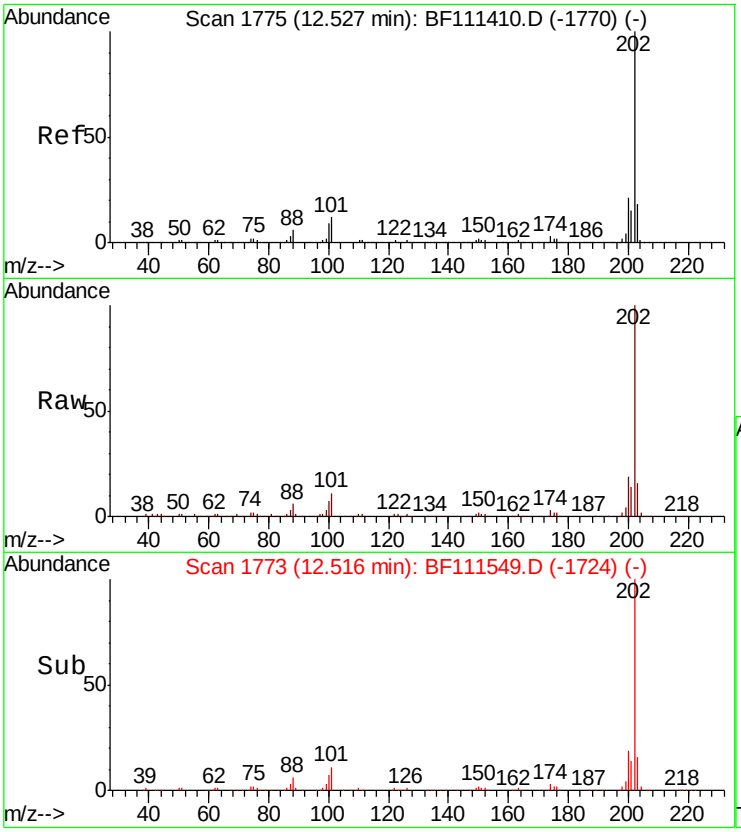


#67
4-Bromophenyl-phenylether
Concen: 2.066 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:248 Resp: 9397

Ion	Ratio	Lower	Upper
248	100		
250	207.0	77.0	115.4#
141	629.7	63.0	94.6#



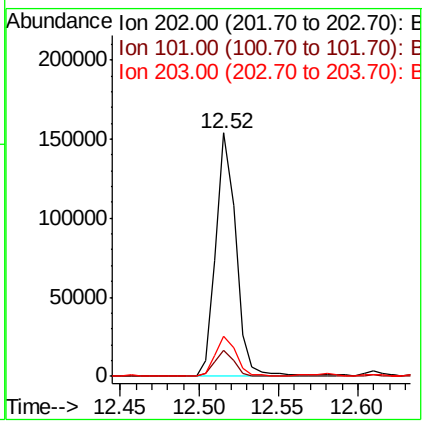


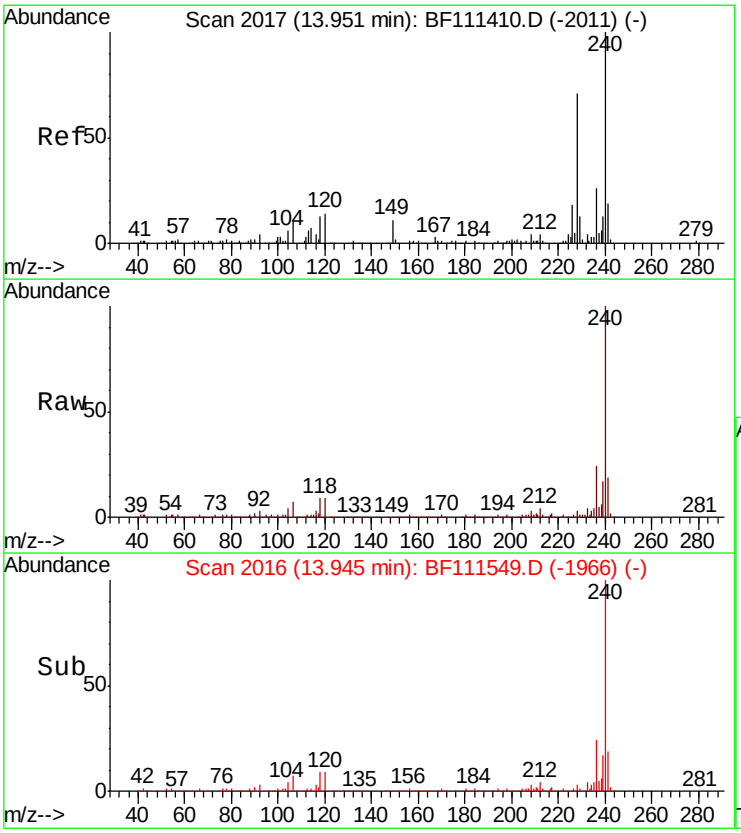
#75
Fluoranthene
Concen: 6.460 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:202 Resp: 137439

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.8
203	16.5	0.0	38.6

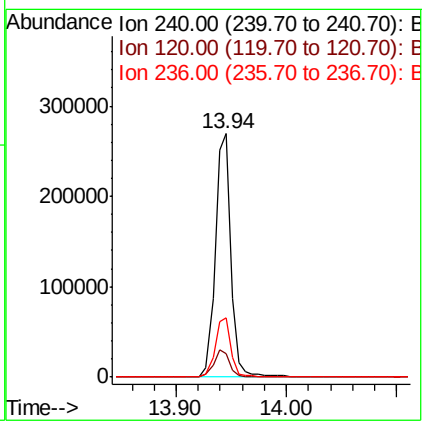


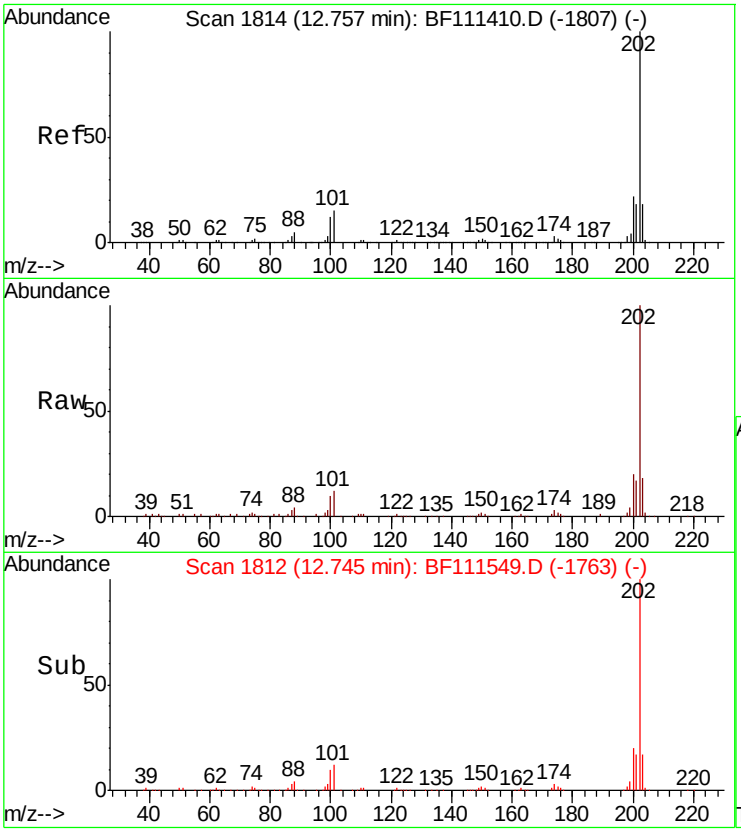


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:240 Resp: 264040

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	24.3	20.2	30.2



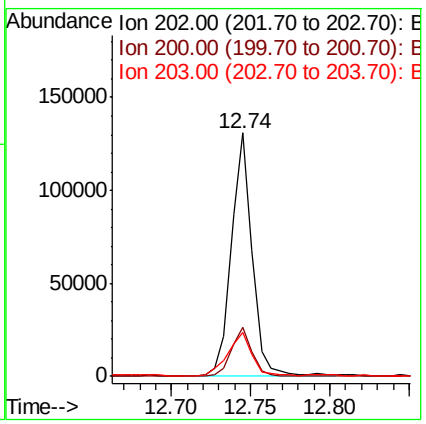


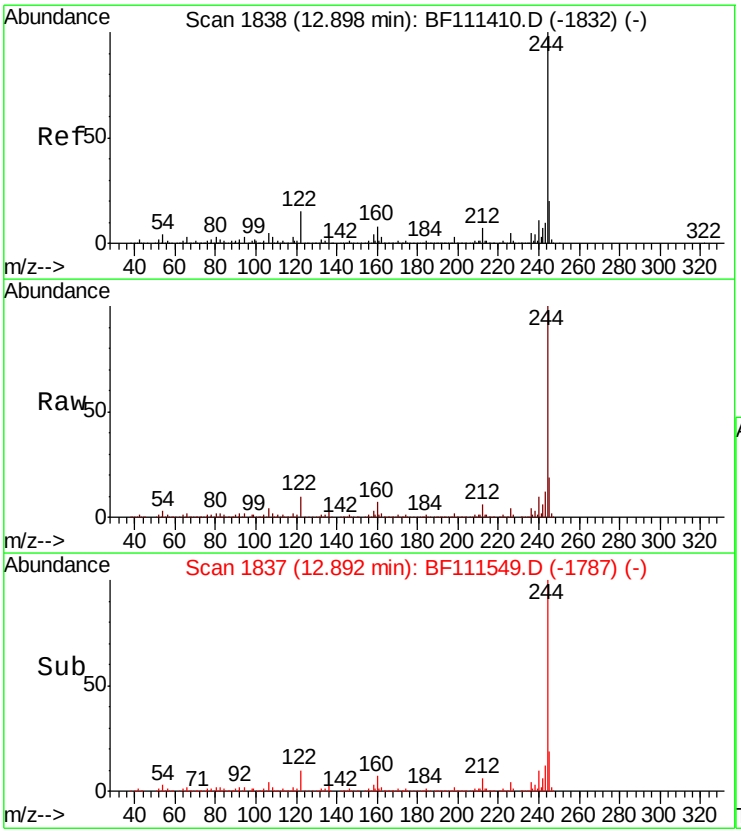
#78
Pyrene
Concen: 6.457 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:202 Resp: 120204

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	17.8	15.2	22.8

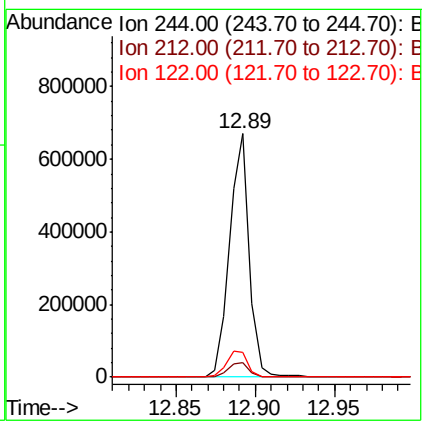


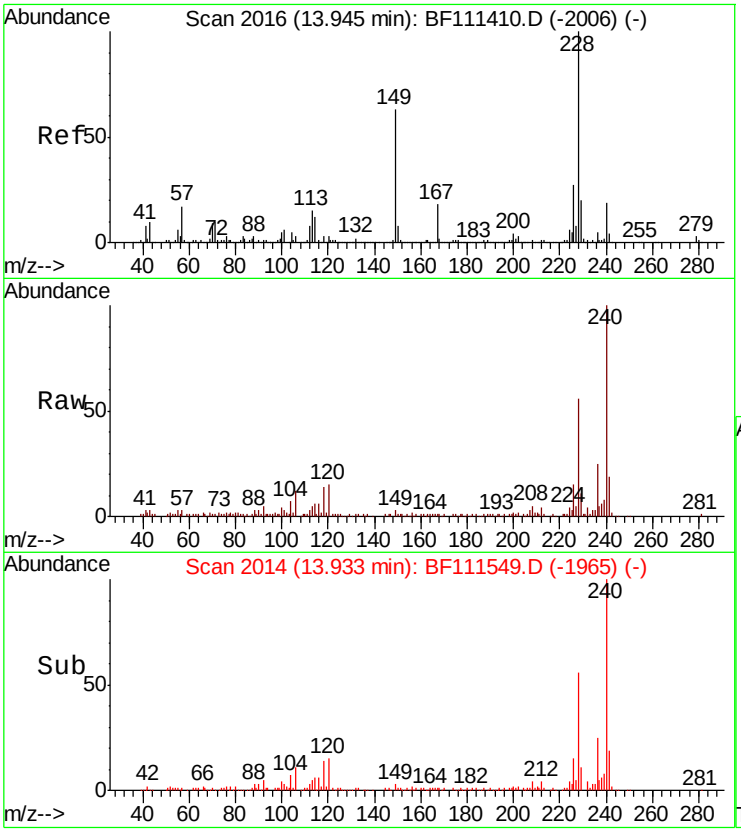


#79
Terphenyl-d14
Concen: 51.477 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:244 Resp: 578822

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	10.0	13.1	19.7#



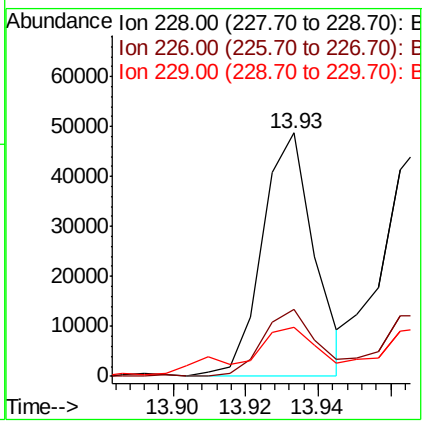


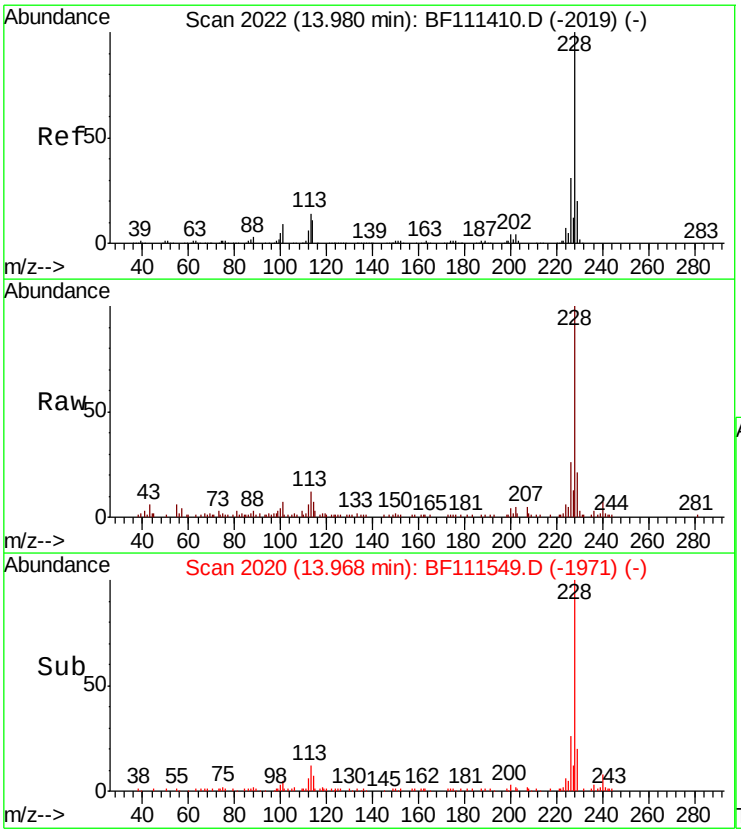
#81
Benzo(a)anthracene
Concen: 3.380 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:228 Resp: 48531

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.0	16.3	24.5

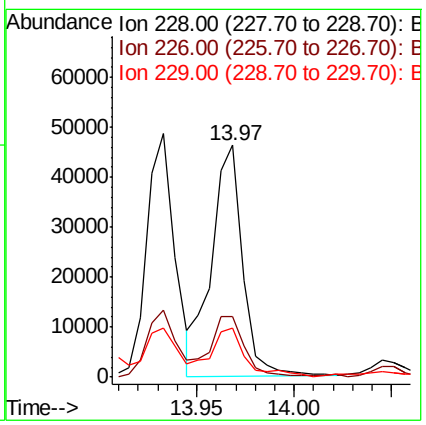


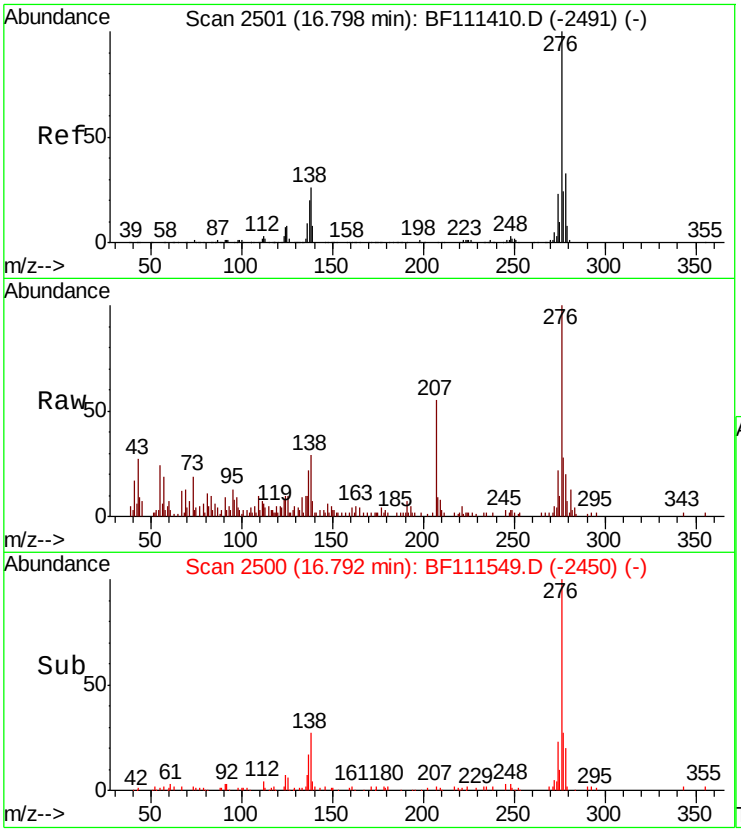


#83
Chrysene
Concen: 3.419 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:228 Resp: 51715

Ion	Ratio	Lower	Upper
228	100		
226	26.3	25.3	37.9
229	21.2	17.2	25.8



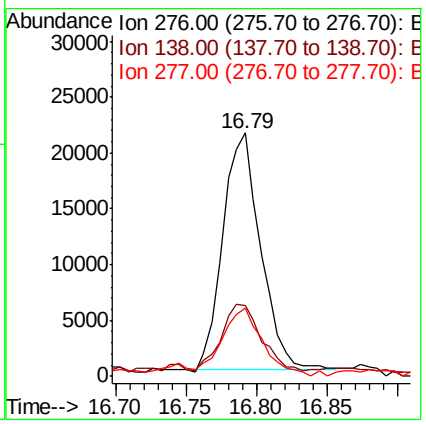


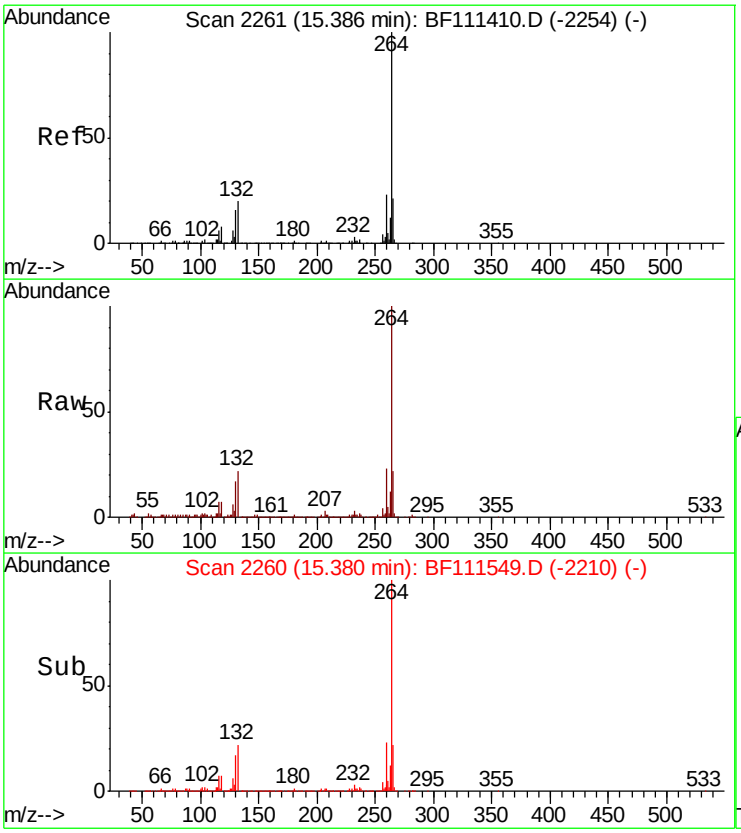
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.601 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:276 Resp: 39311

Ion	Ratio	Lower	Upper
276	100		
138	31.1	27.8	41.6
277	31.4	20.1	30.1#

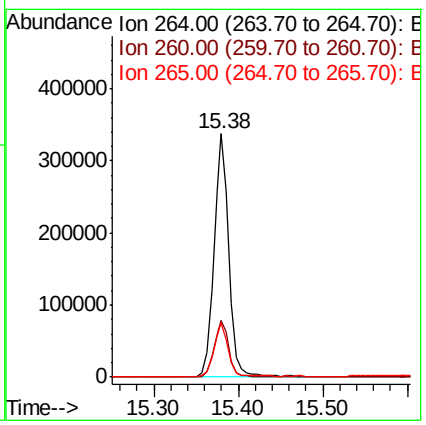


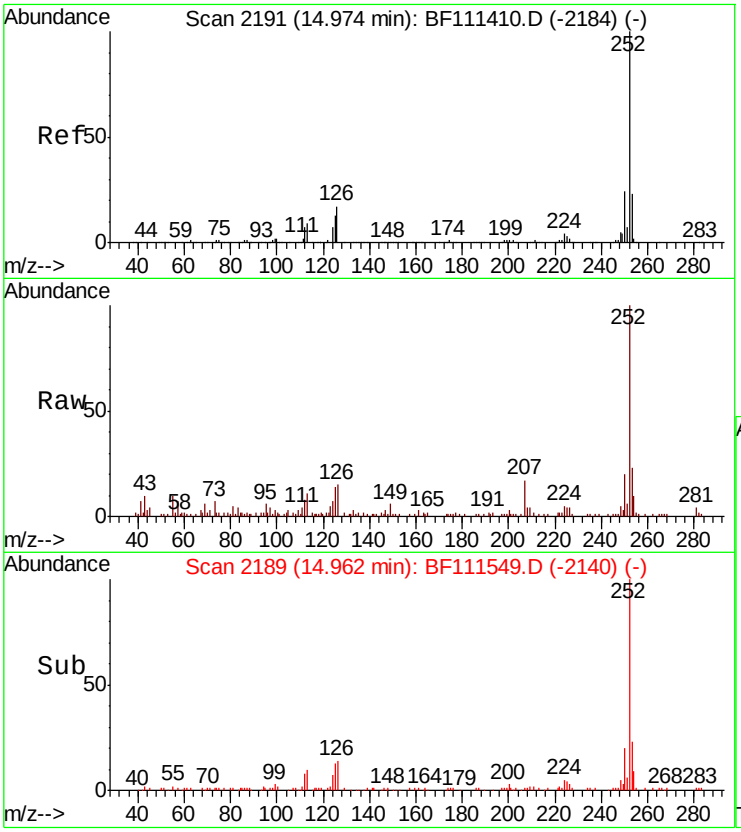


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:264 Resp: 421496

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.1	17.7	26.5



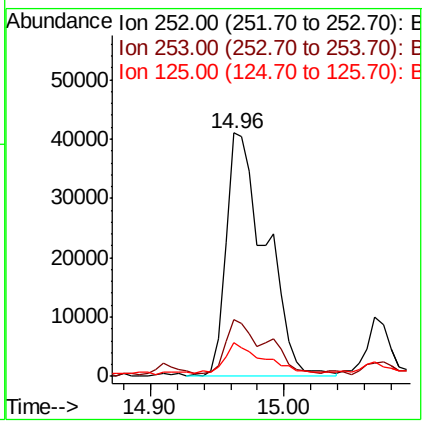


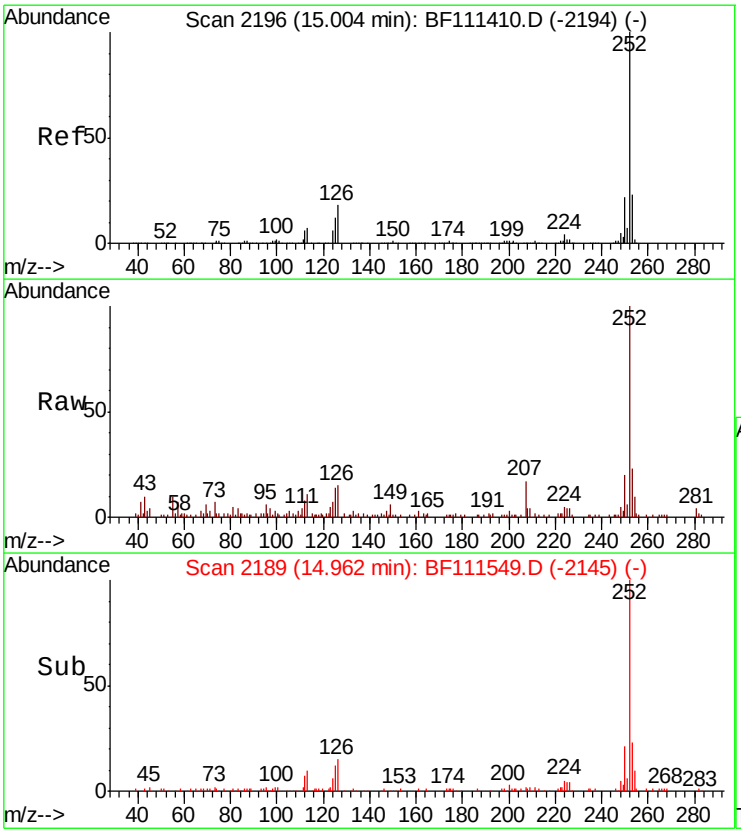
#88
Benzo(b)fluoranthene
Concen: 3.453 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:252 Resp: 84864

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	13.7	10.4	15.6

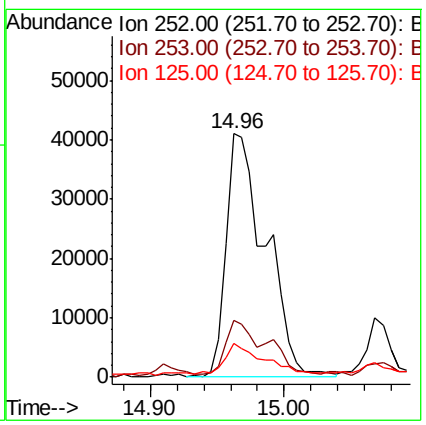


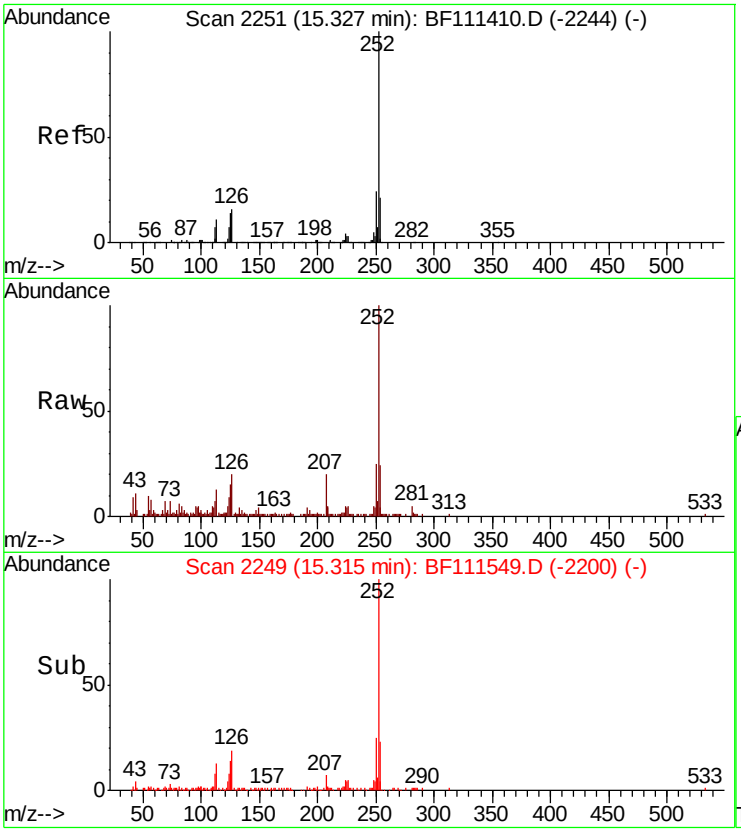


#89
Benzo(k)fluoranthene
Concen: 3.614 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.04 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:252 Resp: 84864

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	13.7	9.8	14.8



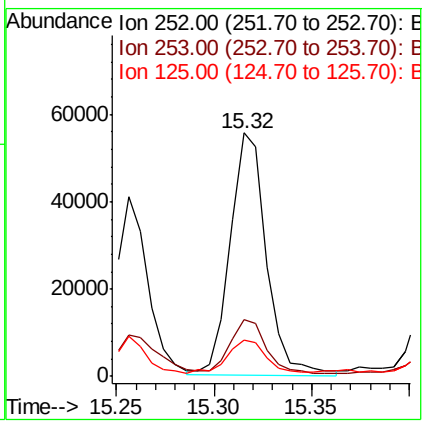


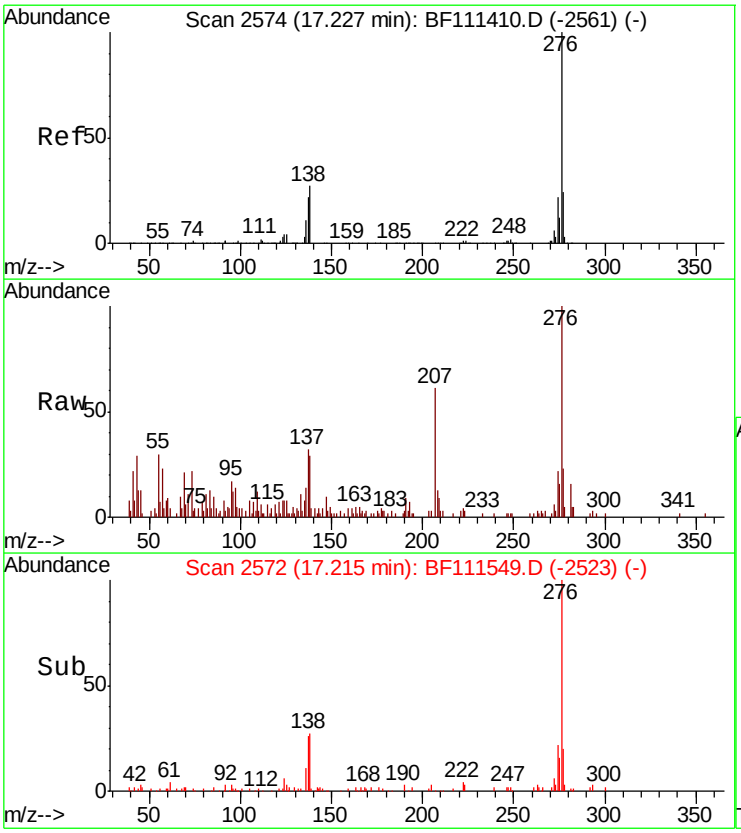
#90
Benzo(a)pyrene
Concen: 3.221 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tgt Ion:252 Resp: 71368

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	14.8	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF111549.D
Acq: 17 Dec 2018 19:59

Tgt Ion:276 Resp: 38800

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	29.0	24.9	37.3