Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110479.D
Acq On : 5 Nov 2018 21:39
Operator : JU/SJ
Sample : J5816-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A-S

Quant Time: Nov 06 00:56:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107580	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	427626	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	171745	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	253691	20.00	ng		0.00
76) Chrysene-d12	14.13	240	184084	20.00	ng		0.00
87) Perylene-d12	15.66	264	140361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	539543	81.67	ng		0.00
7) Phenol-d6	6.58	99	689522	81.60	ng		0.00
23) Nitrobenzene-d5	7.52	82	417088	57.85	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	105655	62.10	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	531677	48.61	ng		0.00
79) Terphenyl-d14	13.07	244	308324	34.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1456	Below Cal		#	63
10) Phenol	6.59	94	52507	5.813	ng	#	64
19) n-Nitroso-di-n-propylamine	7.52	70	55194	10.182	ng	#	80
25) Isophorone	7.52	82	417085	33.938	ng	#	67
50) Dimethylphthalate	9.70	163	122099	9.631	ng		99
57) 2,4-Dinitrotoluene	10.00	165	22870	6.593	ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	6505	2.364	ng	#	1
71) Phenanthrene	11.51	178	78093	5.883	ng		97
75) Fluoranthene	12.70	202	192581	14.295	ng		98
77) Benzidine	13.07	184	3856	Below Cal			98
78) Pyrene	12.94	202	149719	11.345	ng		98
81) Benzo(a)anthracene	14.12	228	86616	7.934	ng		99
83) Chrysene	14.16	228	92855	8.955	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	28380	3.299	ng		96
88) Benzo(b)fluoranthene	15.20	252	130599	16.113	ng	#	97
89) Benzo(k)fluoranthene	15.20	252	130599	16.390	ng	#	96
90) Benzo(a)pyrene	15.59	252	47417	6.358	ng	#	98
92) Benzo(g,h,i)perylene	17.70	276	22307	3.518	ng		99

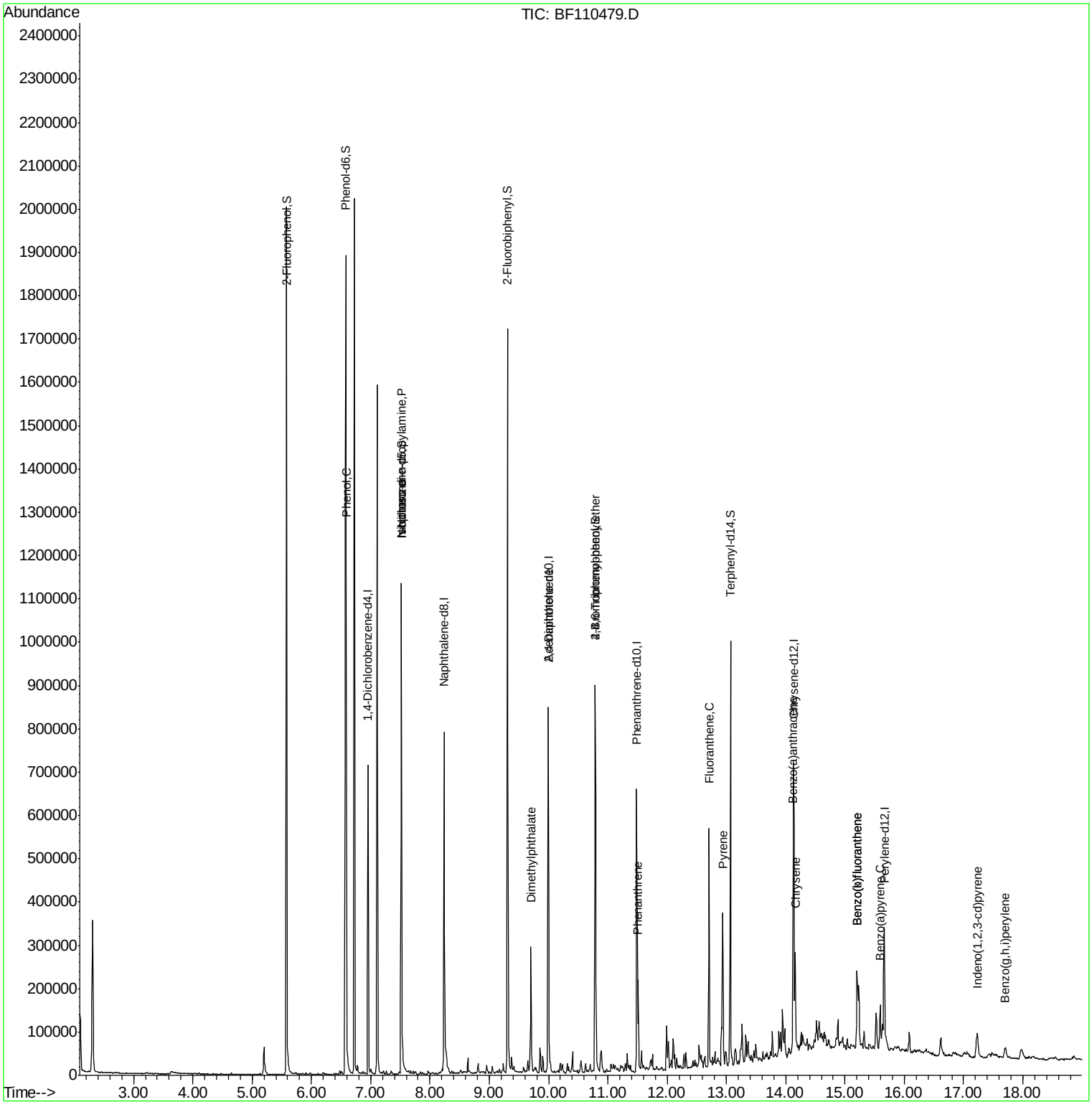
(#) = qualifier out of range (m) = manual integration (+) = signals summed

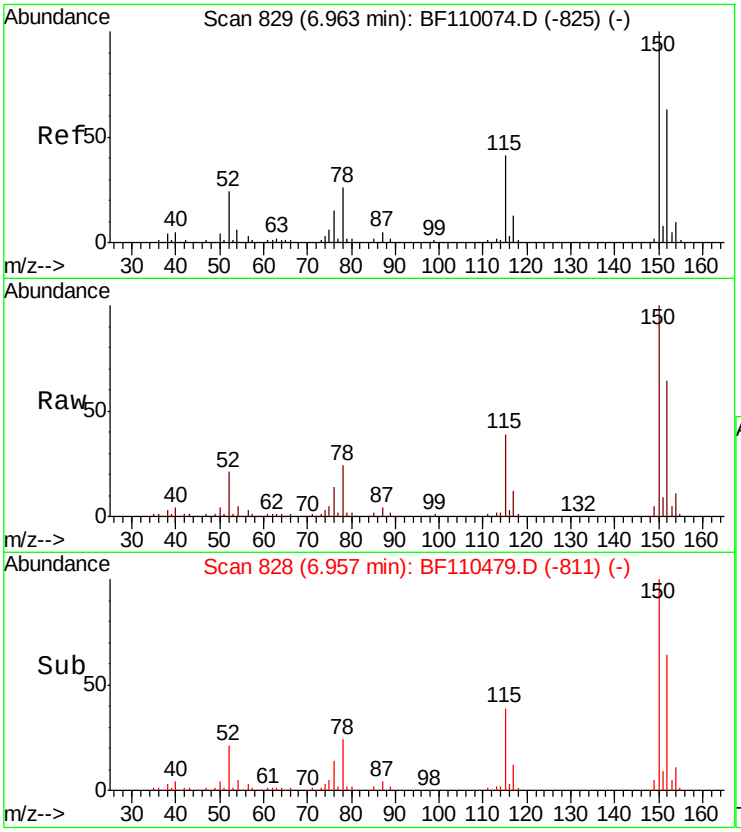
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110479.D
Acq On : 5 Nov 2018 21:39
Operator : JU/SJ
Sample : J5816-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Quant Time: Nov 06 00:56:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



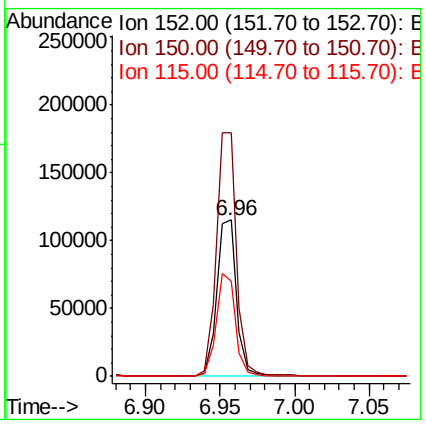


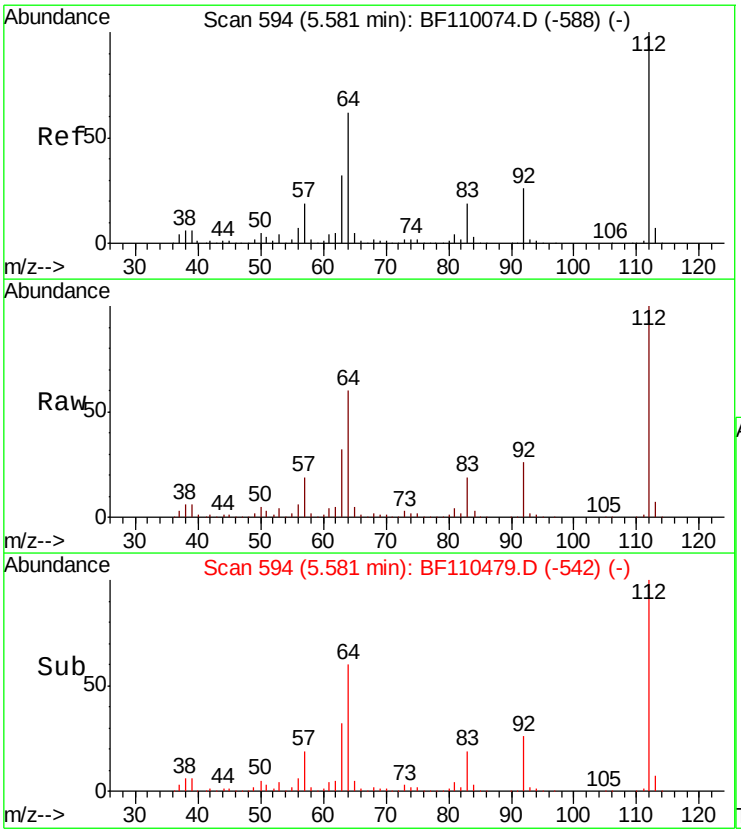
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:152 Resp: 107580

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.7	49.1	73.7

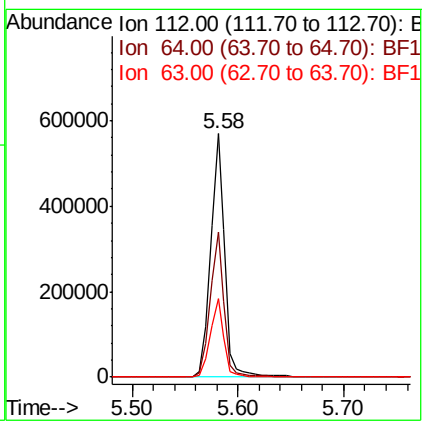


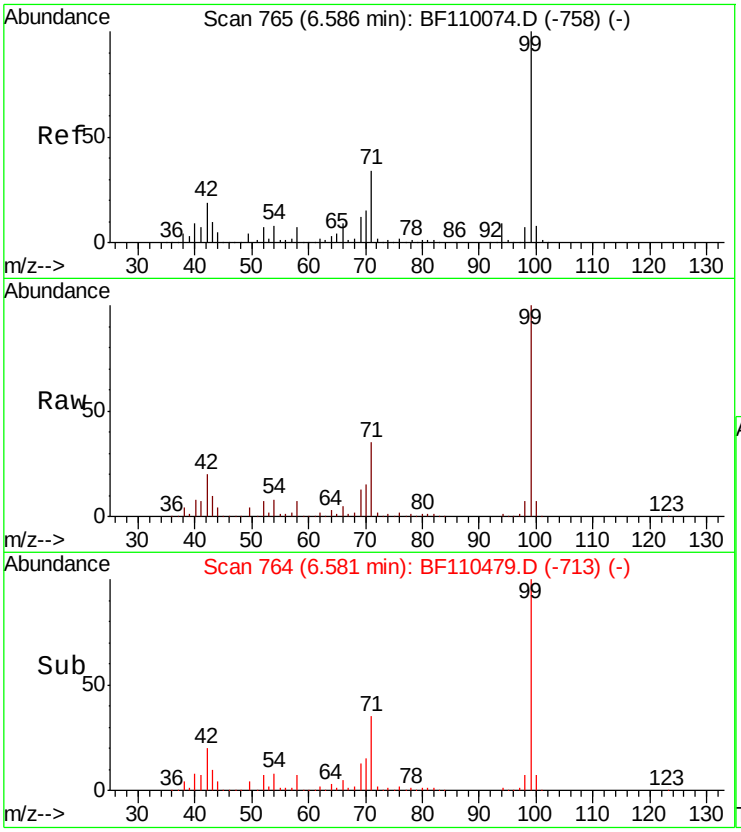


#5
2-Fluorophenol
Concen: 81.671 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:112 Resp: 539543

Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	32.1	23.7	35.5



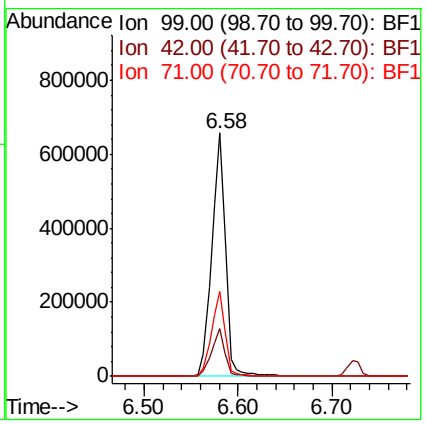


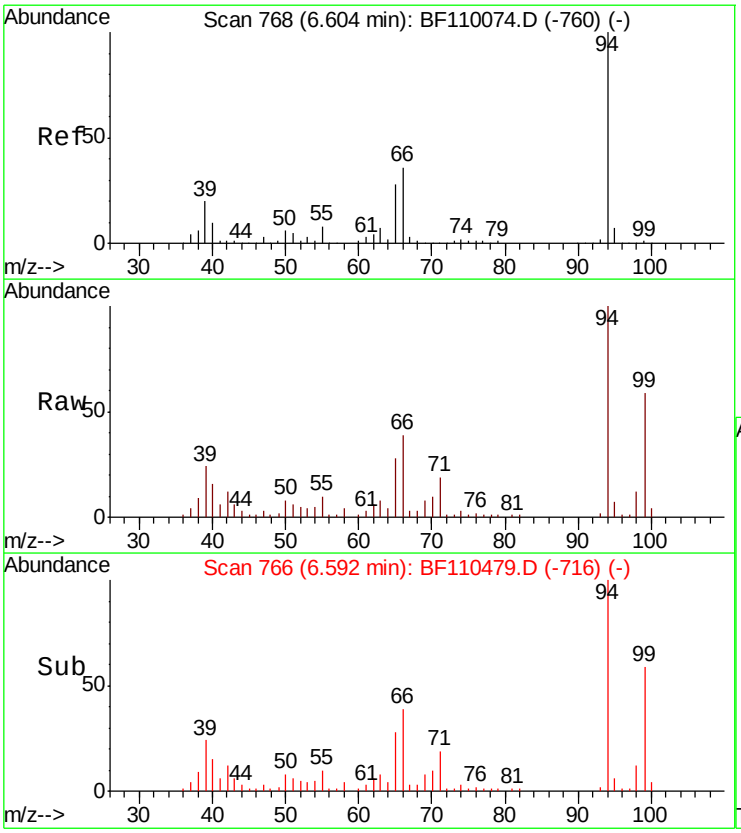
#7
Phenol-d6
Concen: 81.601 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion: 99 Resp: 689522

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	35.1	28.0	42.0

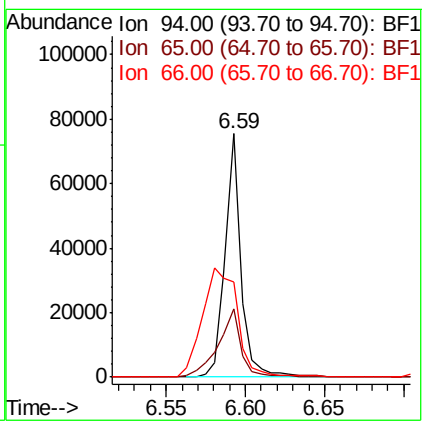


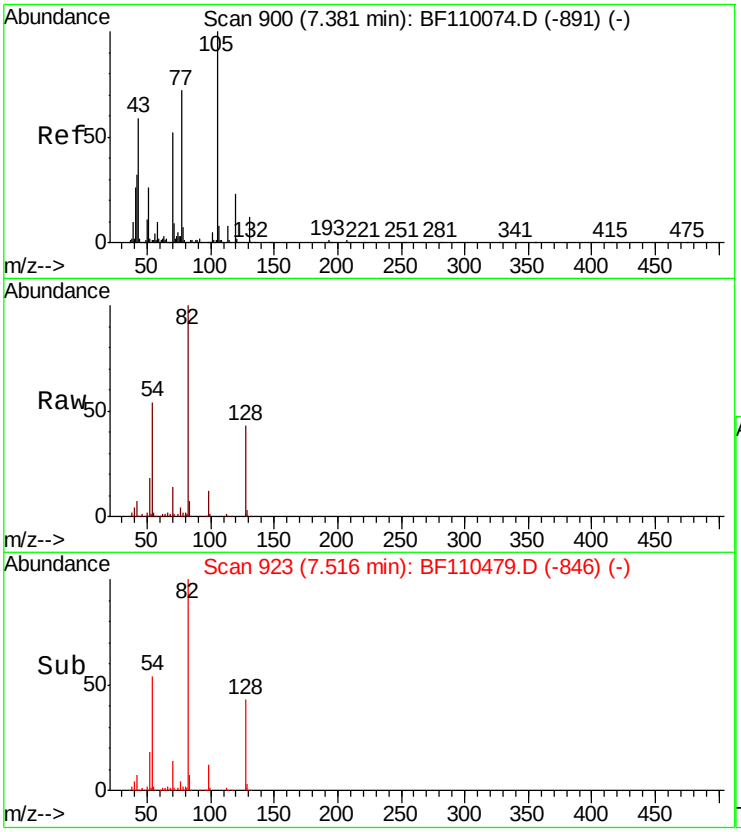


#10
Phenol
Concen: 5.813 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion: 94 Resp: 52507

Ion	Ratio	Lower	Upper
94	100		
65	28.1	25.3	65.3
66	38.9	54.5	94.5#



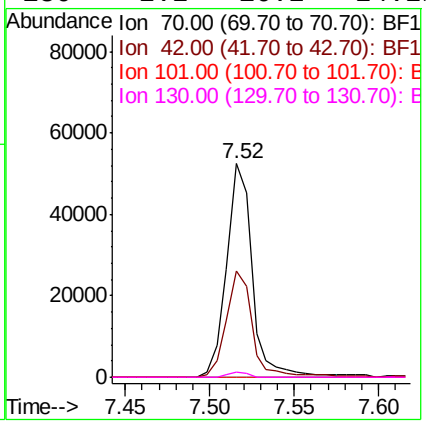


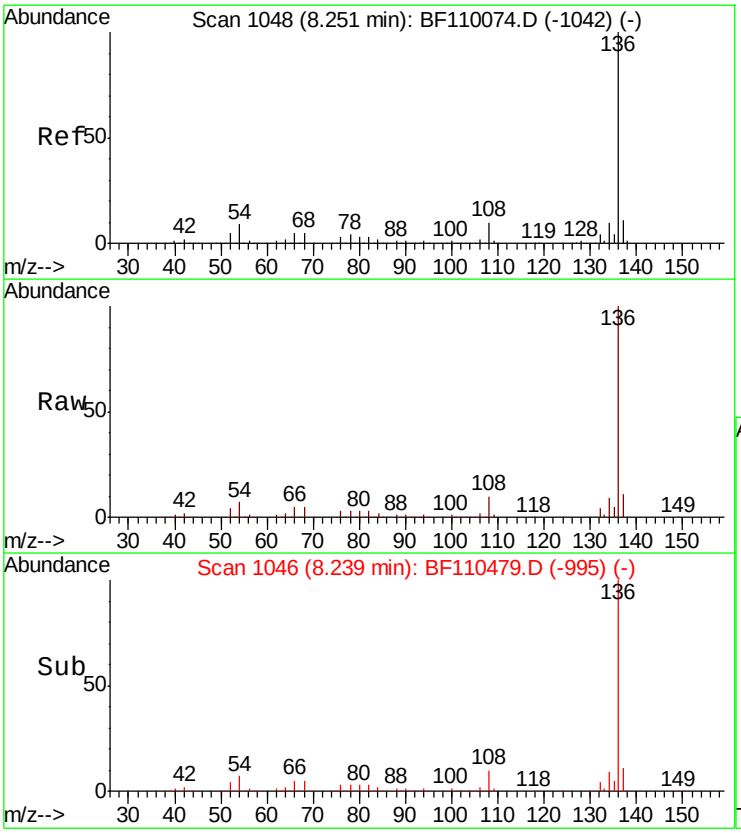
#19
n-Nitroso-di-n-propylamine
Concen: 10.182 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion: 70 Resp: 55194

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

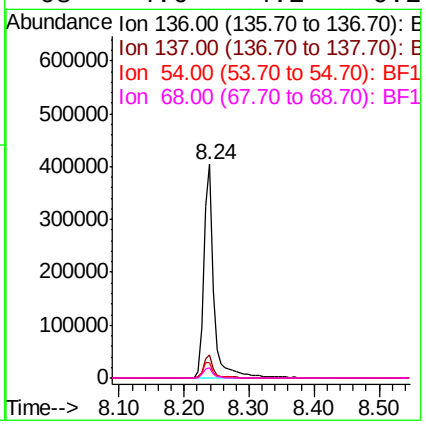


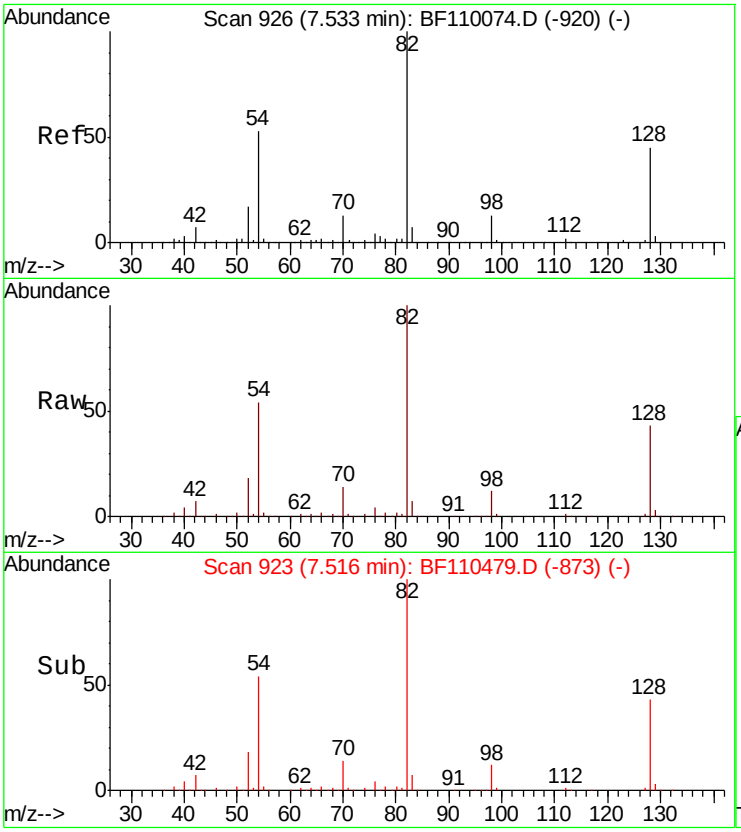


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:136 Resp: 427626

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	4.6	4.2	6.2



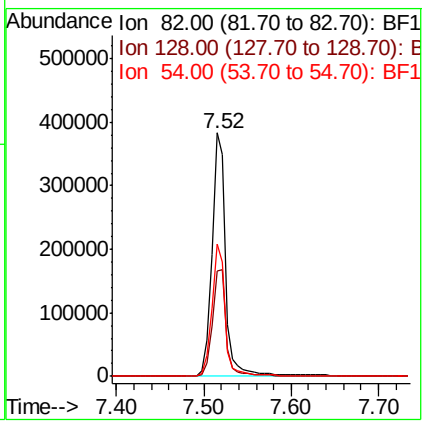


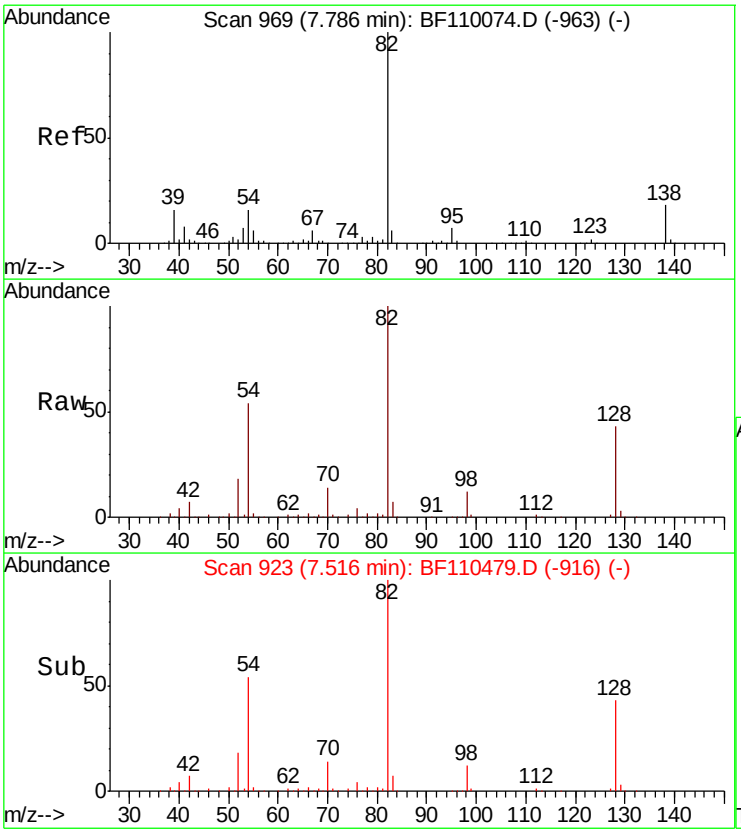
#23
Nitrobenzene-d5
Concen: 57.852 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion: 82 Resp: 417088

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	54.2	38.6	58.0

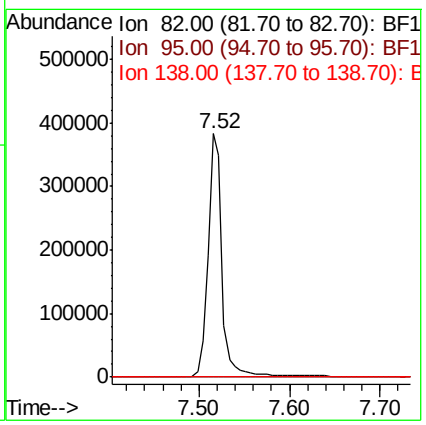


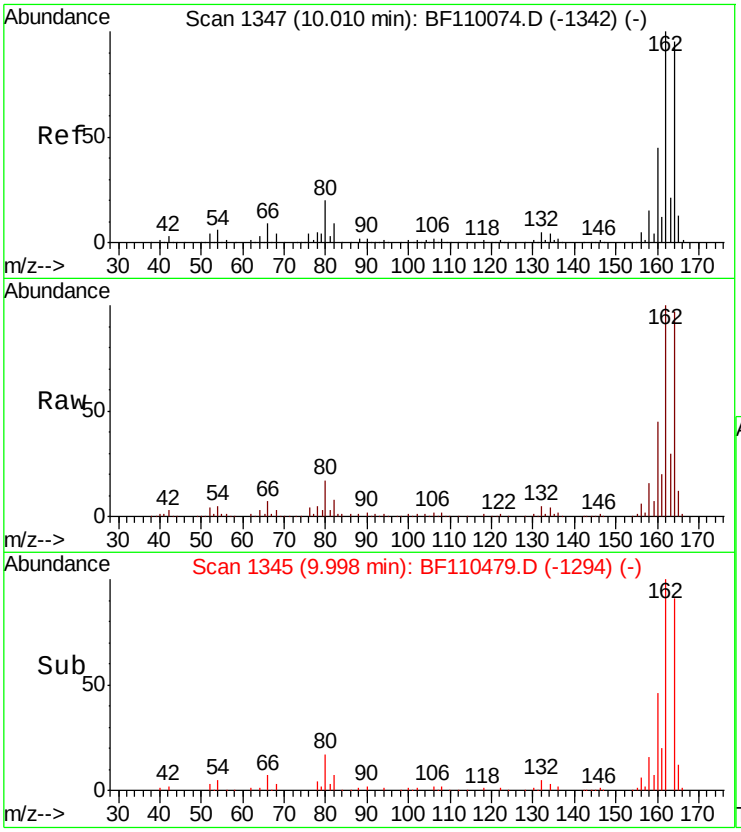


#25
Isophorone
Concen: 33.938 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion: 82 Resp: 417085

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



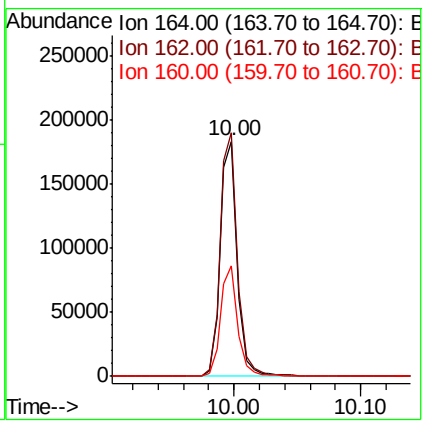


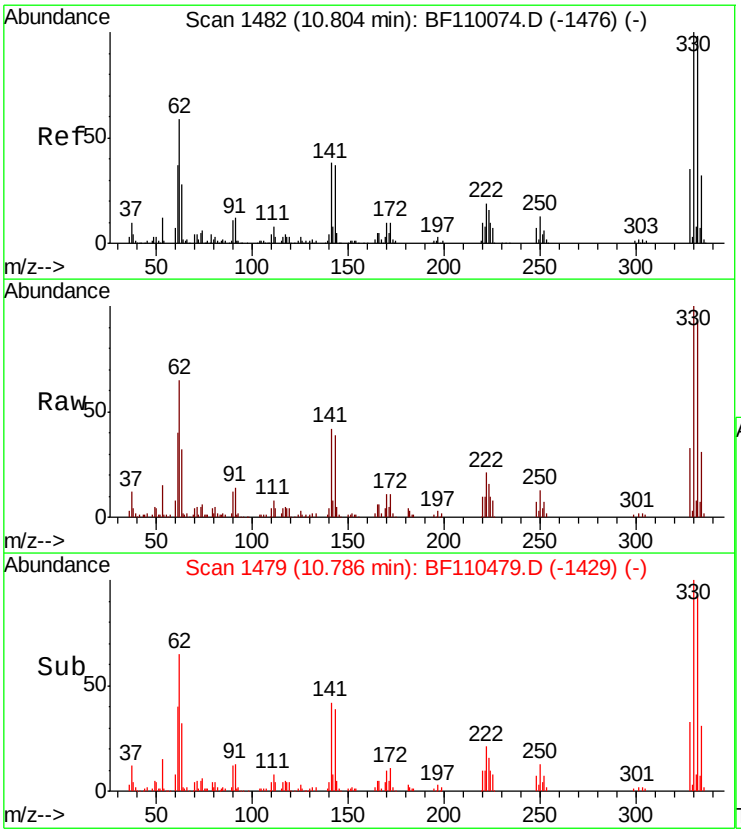
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:164 Resp: 171745

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	47.1	37.0	55.6

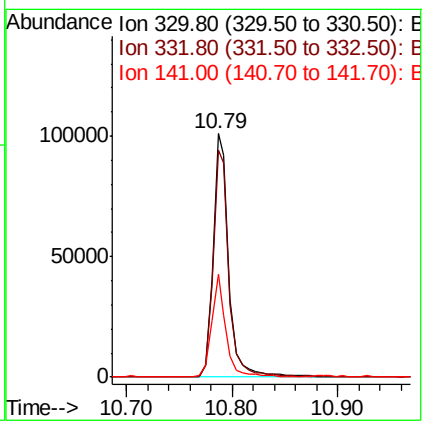


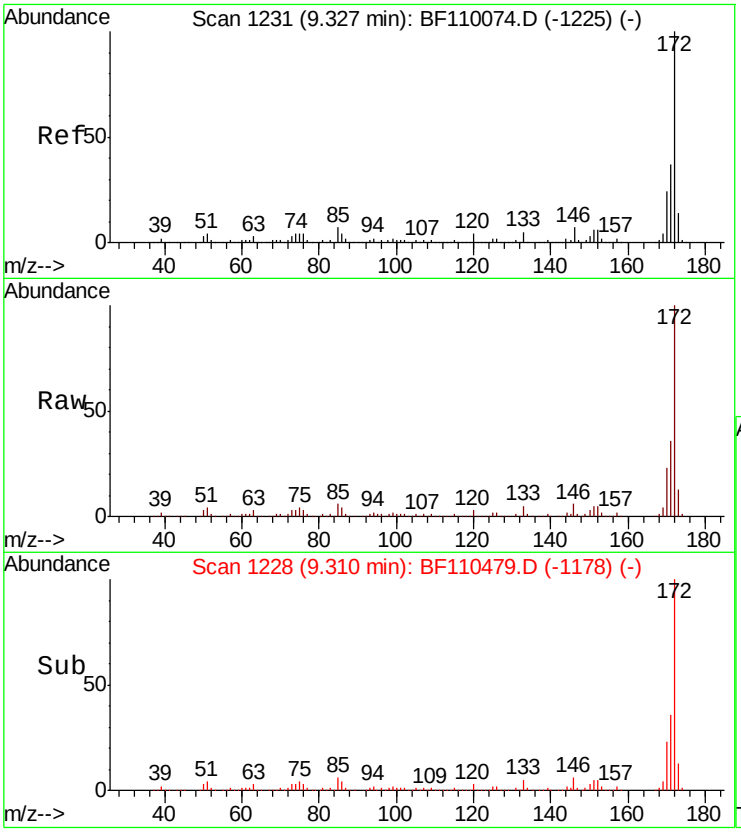


#42
2,4,6-Tribromophenol
Concen: 62.104 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:330 Resp: 105655

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	39.1	27.0	40.4



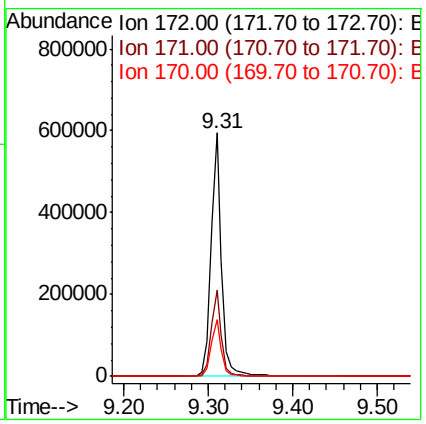


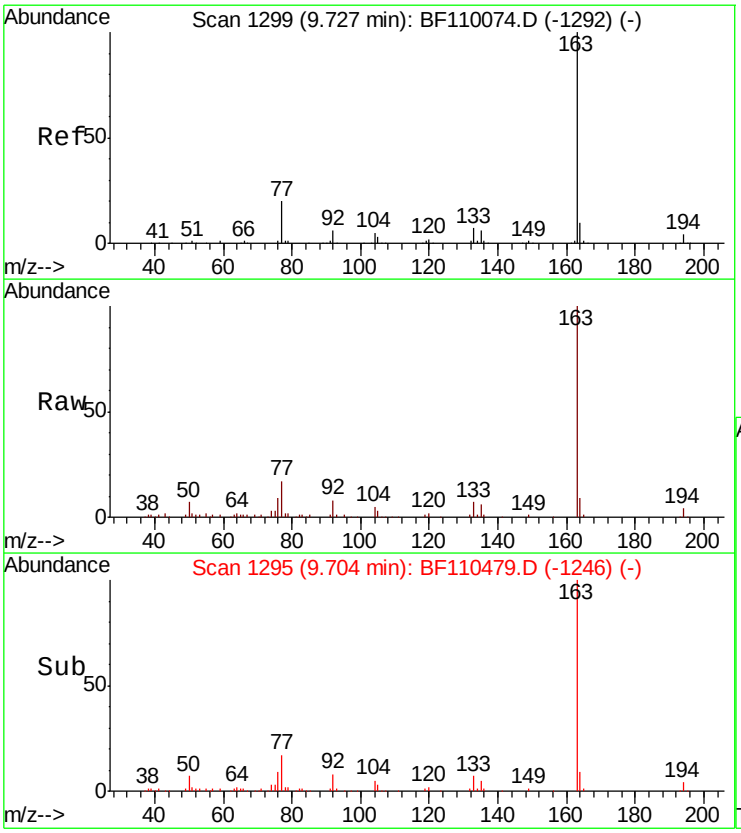
#45
2-Fluorobiphenyl
Concen: 48.611 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:172 Resp: 531677

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.4	19.7	29.5

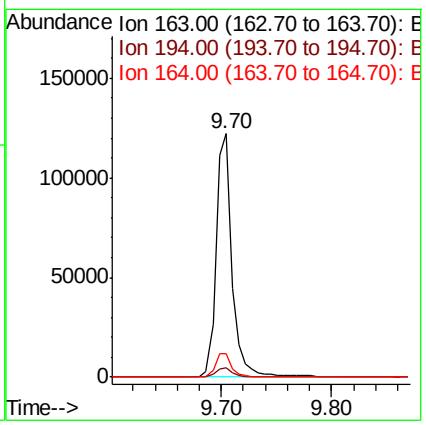


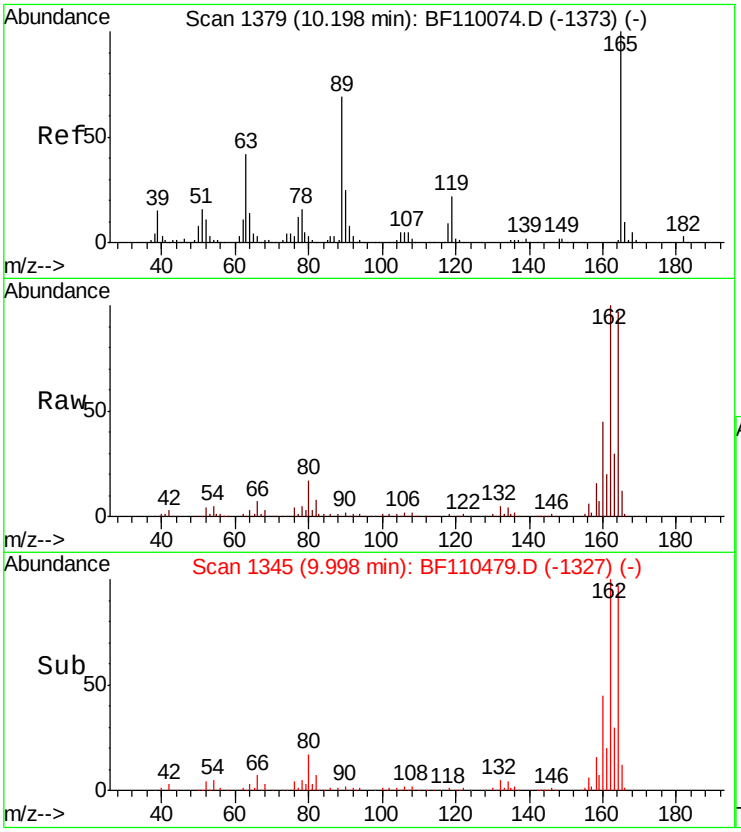


#50
Dimethylphthalate
Concen: 9.631 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:163 Resp: 122099

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.5	8.1	12.1



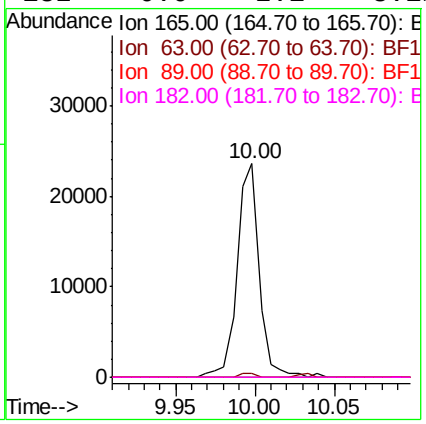


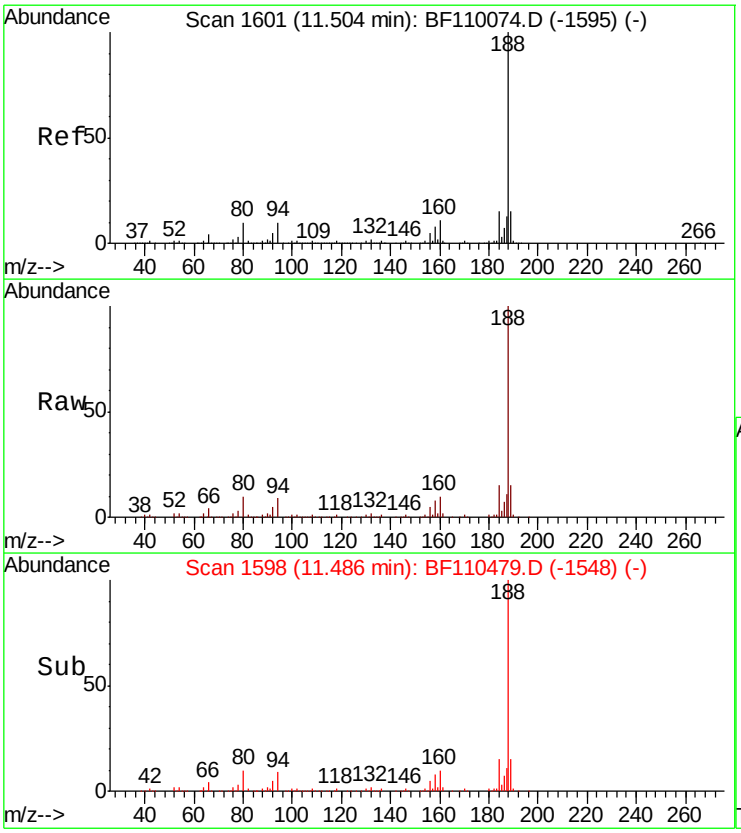
#57
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:165 Resp: 22870

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

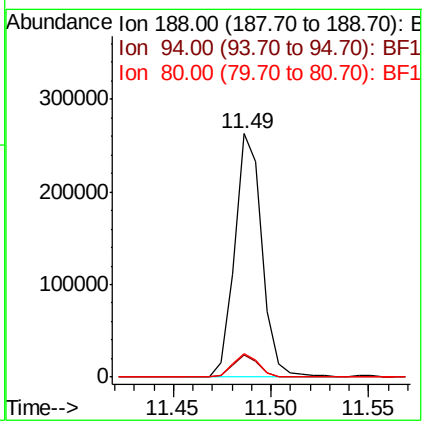


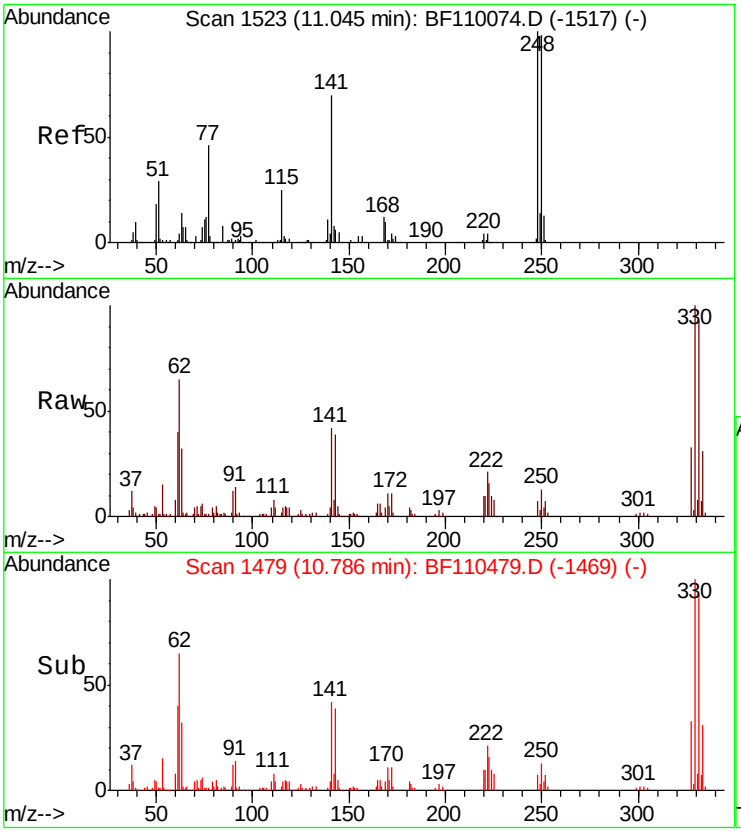


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:188 Resp: 253691

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.9	11.9



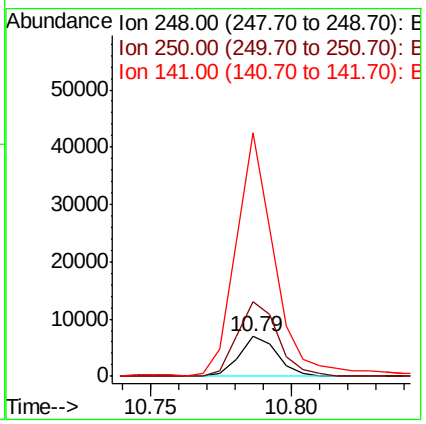


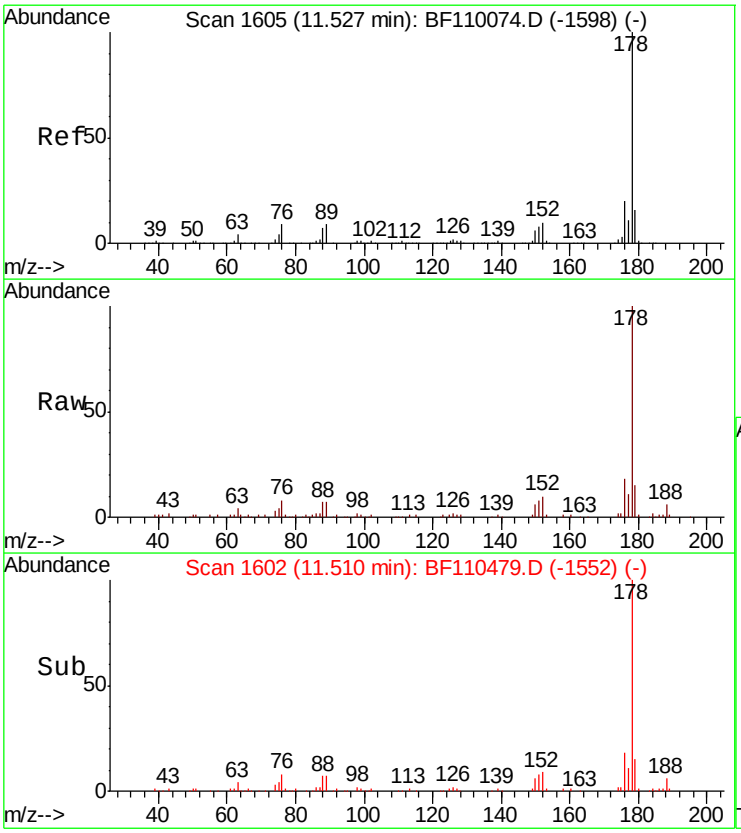
#67
4-Bromophenyl-phenylether
Concen: 2.364 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:248 Resp: 6505

Ion	Ratio	Lower	Upper
248	100		
250	187.6	79.4	119.2#
141	613.7	55.9	83.9#

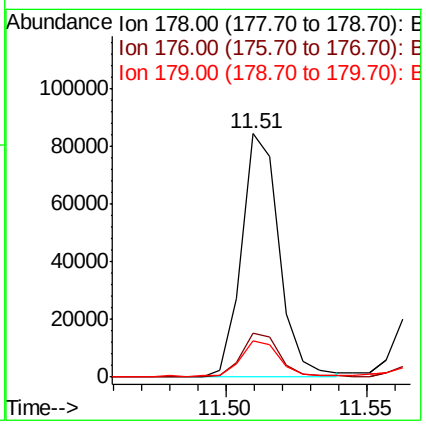


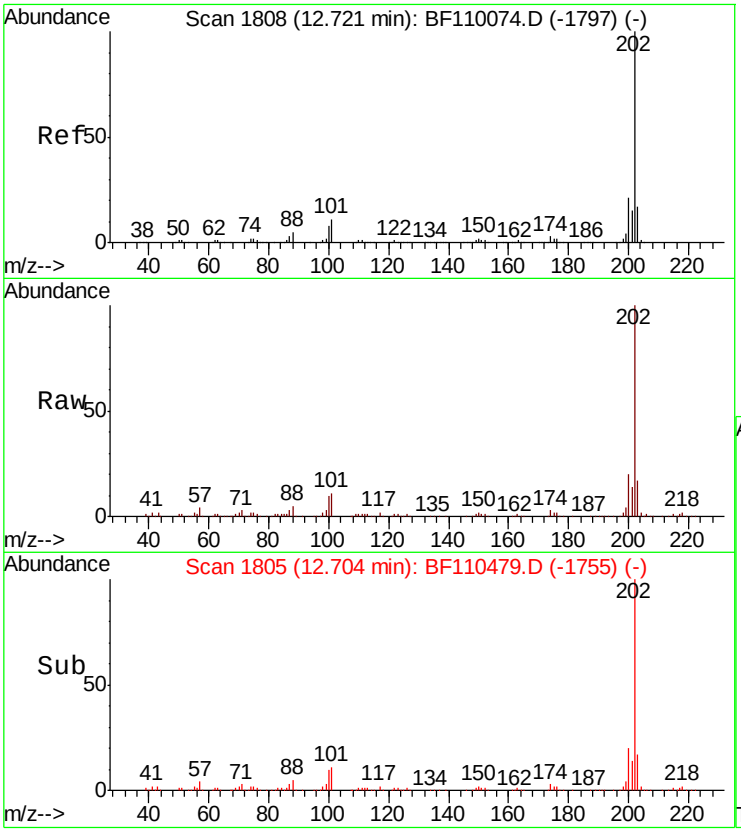


#71
Phenanthrene
Concen: 5.883 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:178 Resp: 78093

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	14.8	12.5	18.7



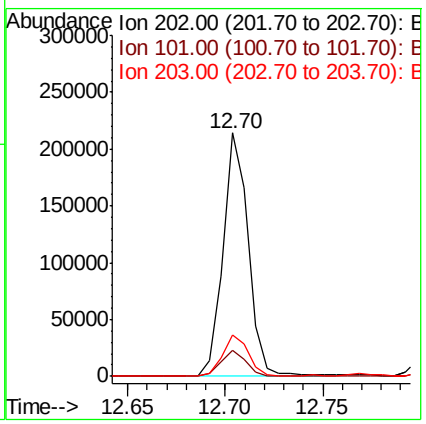


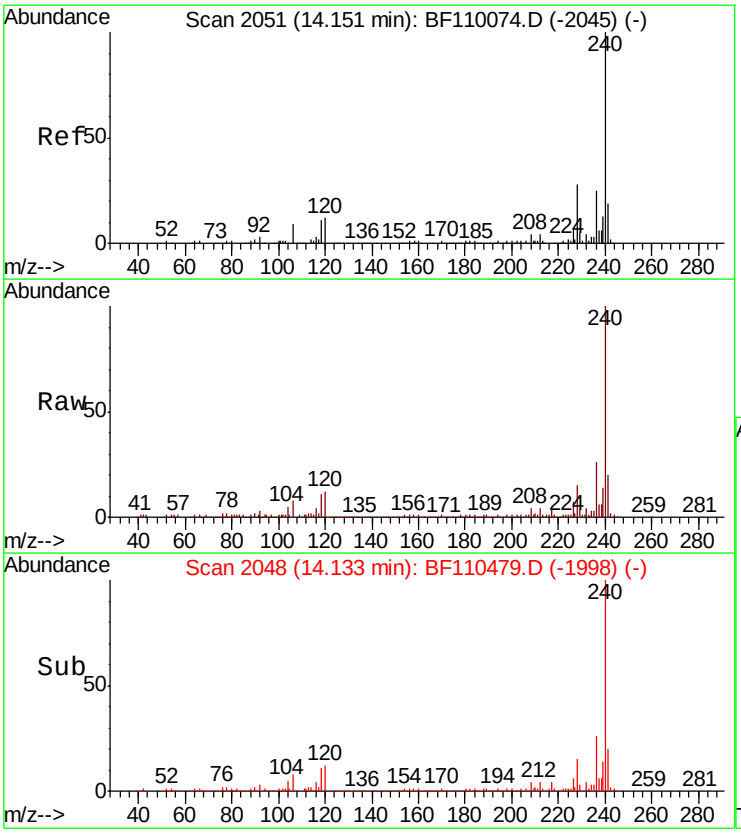
#75
Fluoranthene
Concen: 14.295 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:202 Resp: 192581

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	16.9	0.0	37.7

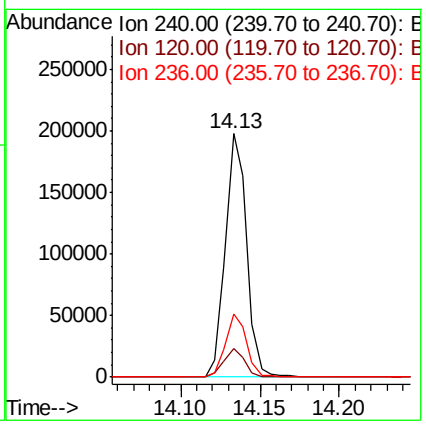


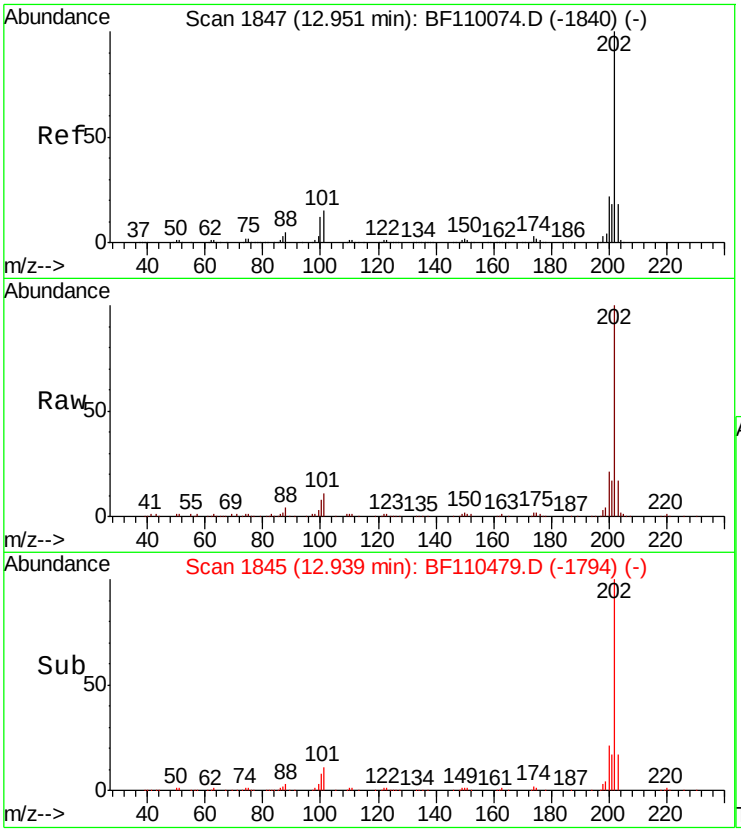


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:240 Resp: 184084

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.0	21.2	31.8



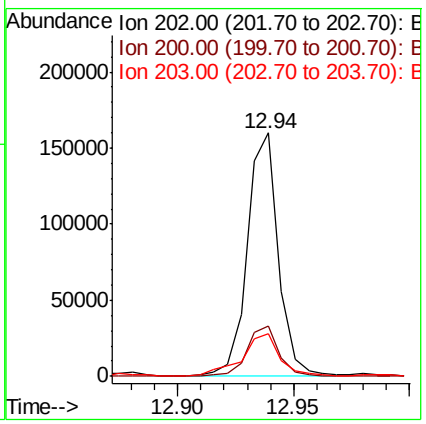


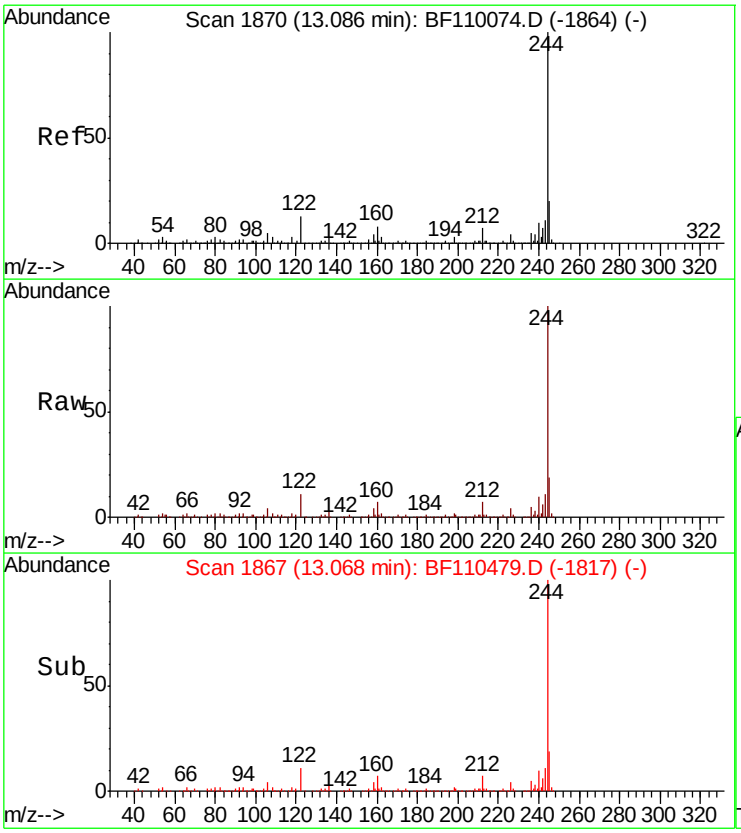
#78
Pyrene
Concen: 11.345 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:202 Resp: 149719

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.4	14.2	21.4

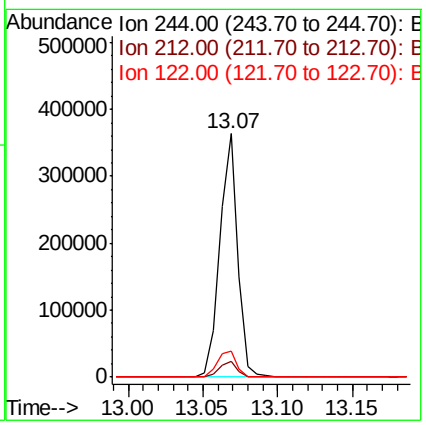


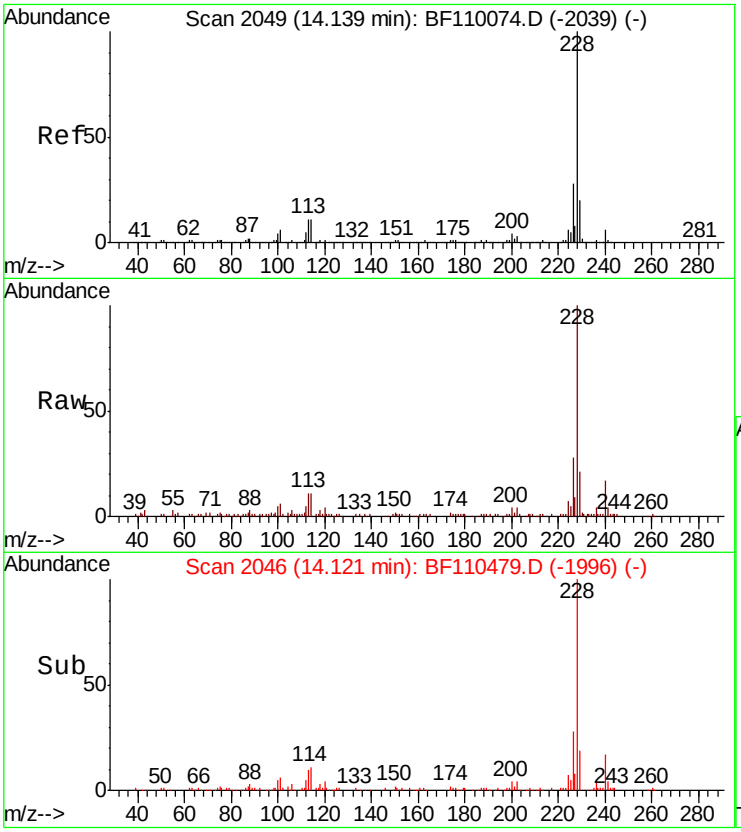


#79
Terphenyl-d14
Concen: 34.833 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:244 Resp: 308324

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.6	8.7	13.1



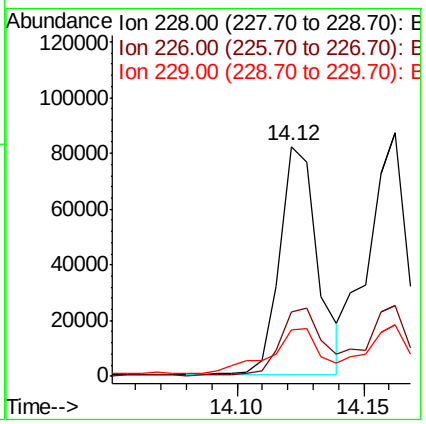


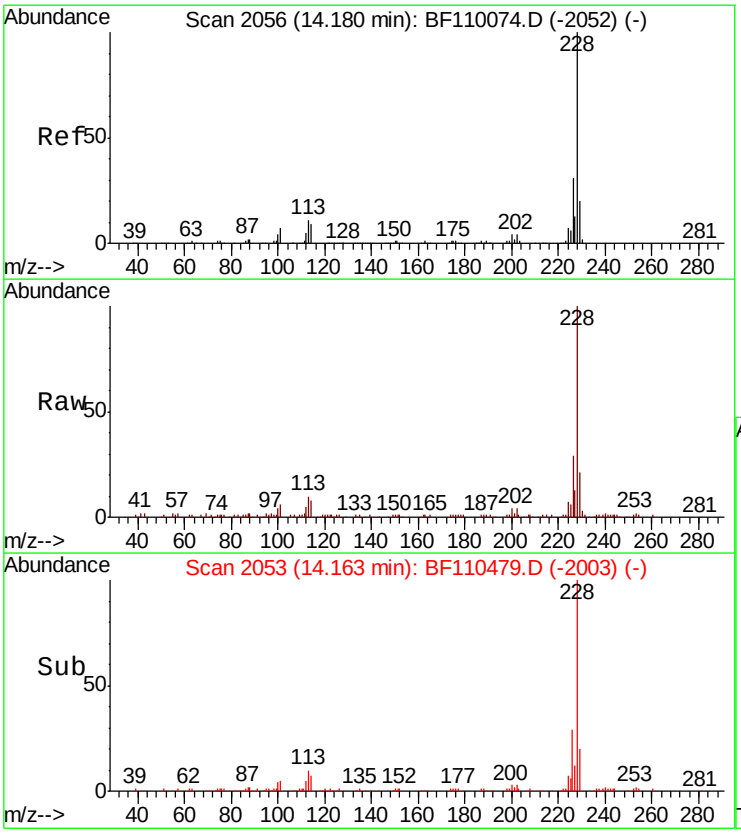
#81
Benzo(a)anthracene
Concen: 7.934 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:228 Resp: 86616

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.5	15.6	23.4

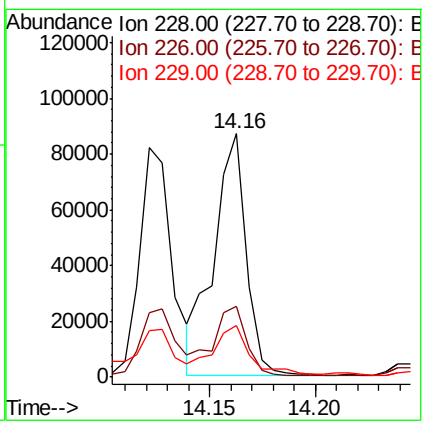


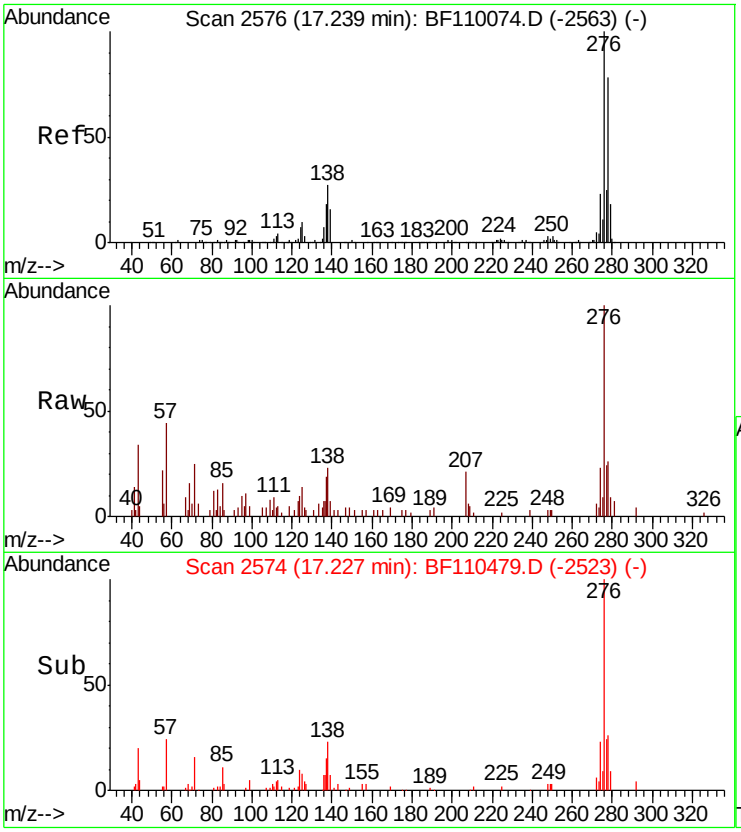


#83
Chrysene
Concen: 8.955 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:228 Resp: 92855

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.1	15.9	23.9



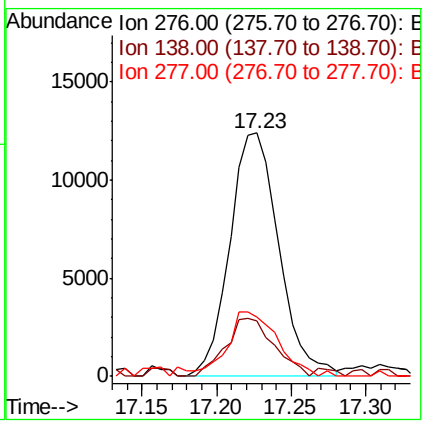


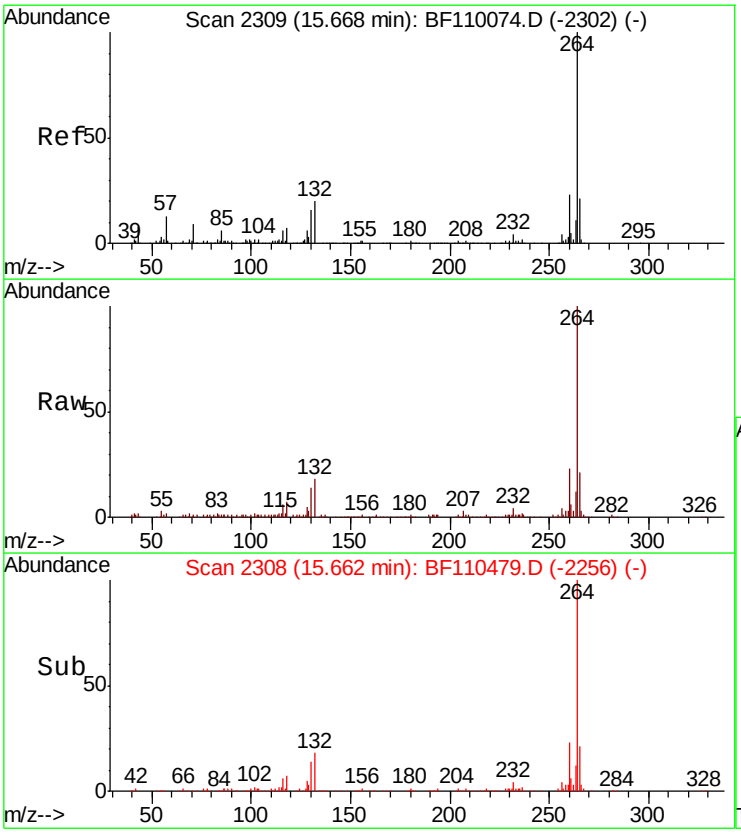
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.299 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:276 Resp: 28380

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.5	27.7
277	28.3	20.0	30.0

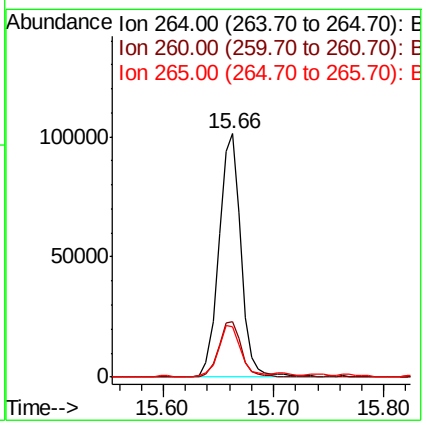


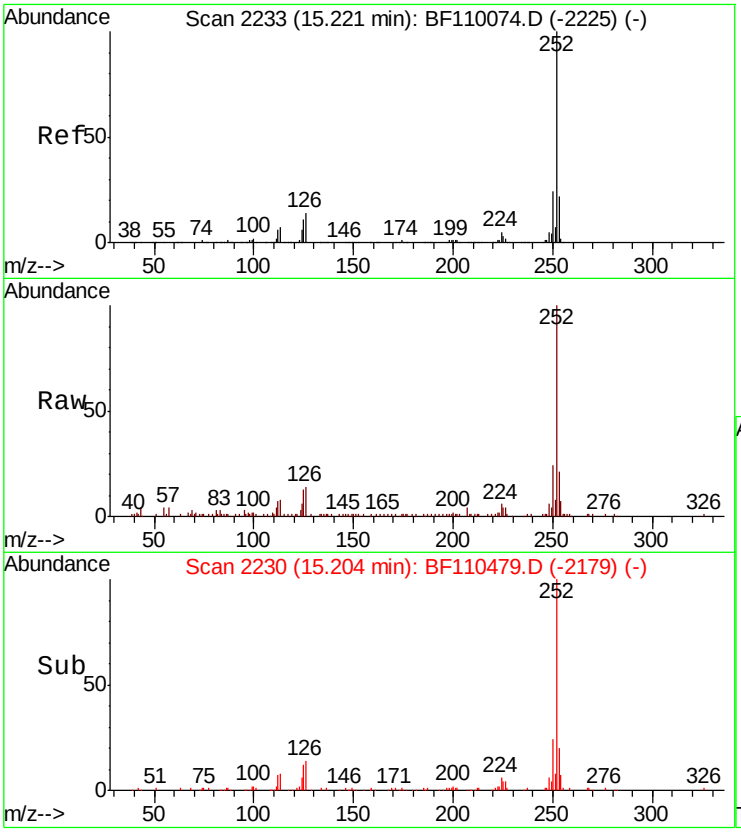


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:264 Resp: 140361

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.8	16.7	25.1



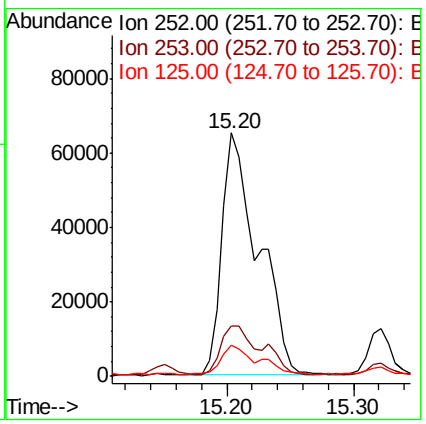


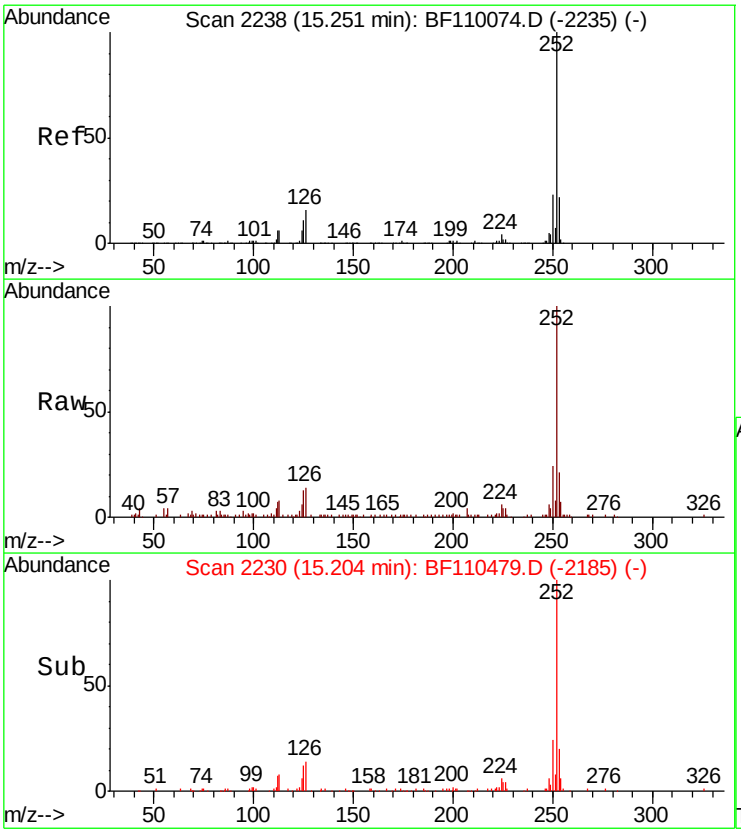
#88
Benzo(b)fluoranthene
Concen: 16.113 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:252 Resp: 130599

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.2	25.8
125	12.7	8.2	12.4#

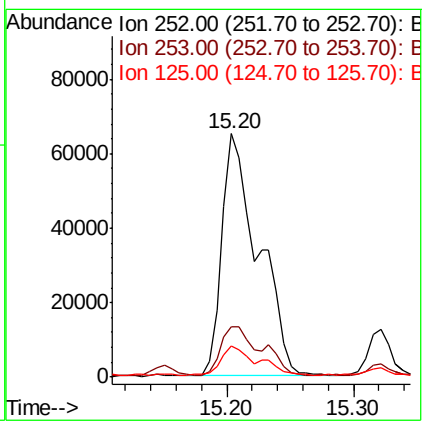


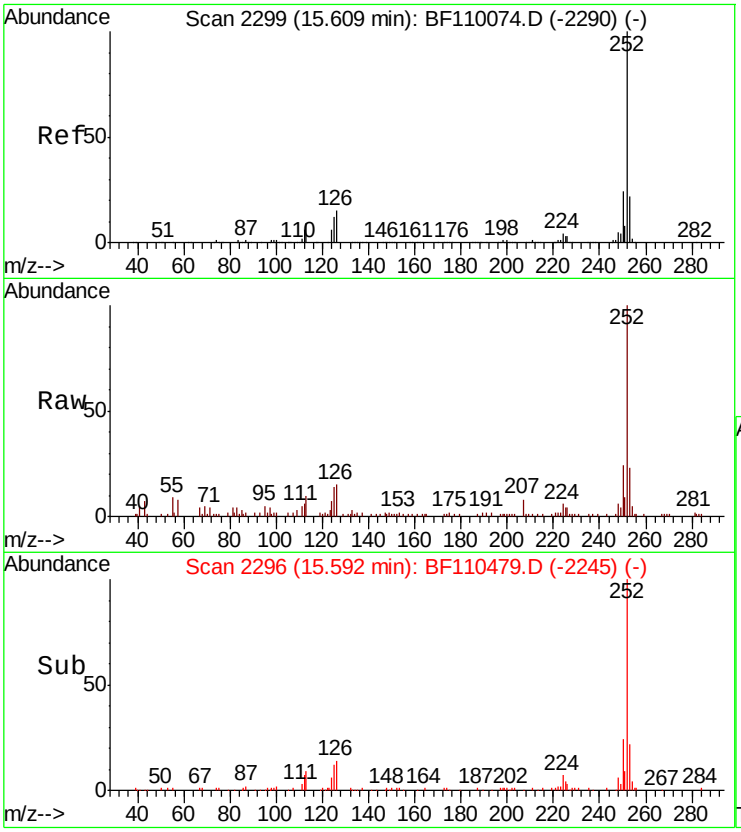


#89
Benzo(k)fluoranthene
Concen: 16.390 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:252 Resp: 130599

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.2	25.8
125	12.7	7.4	11.0#



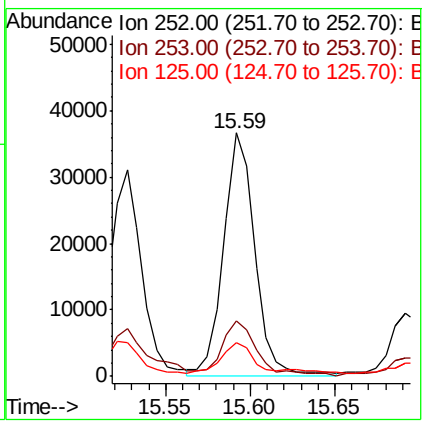


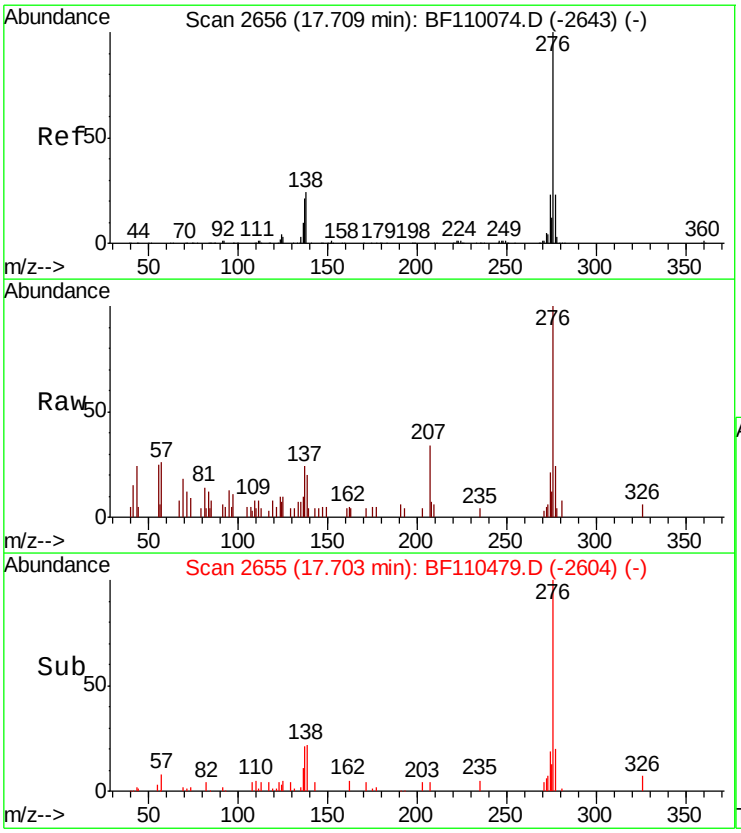
#90
Benzo(a)pyrene
Concen: 6.358 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tgt Ion:252 Resp: 47417

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	13.9	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.518 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:276 Resp: 22307

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	19.7	16.0	24.0