Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113947.D
Acq On : 24 Apr 2019 4:06
Operator : JU/SJ
Sample : K2530-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 05:20:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137647	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	467808	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	211701	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	364819	20.00	ng		0.00
76) Chrysene-d12	14.05	240	372433	20.00	ng		-0.02
87) Perylene-d12	15.53	264	319060	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	801832	99.63	ng		0.01
7) Phenol-d6	6.53	99	1155654	114.46	ng		0.00
23) Nitrobenzene-d5	7.46	82	732790	96.72	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	196518	76.20	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1392369	102.87	ng		0.00
79) Terphenyl-d14	13.00	244	1470823	80.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	20368	Below Cal			84
19) n-Nitroso-di-n-propylamine	7.46	70	97895	14.972	ng	#	76
25) Isophorone	7.46	82	732778	47.267	ng	#	65
50) Dimethylphthalate	9.64	163	140504	9.177	ng		98
57) 2,4-Dinitrotoluene	9.93	165	27135	6.545	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	169	7.394	ng		82
67) 4-Bromophenyl-phenylether	10.72	248	11922	2.705	ng	#	1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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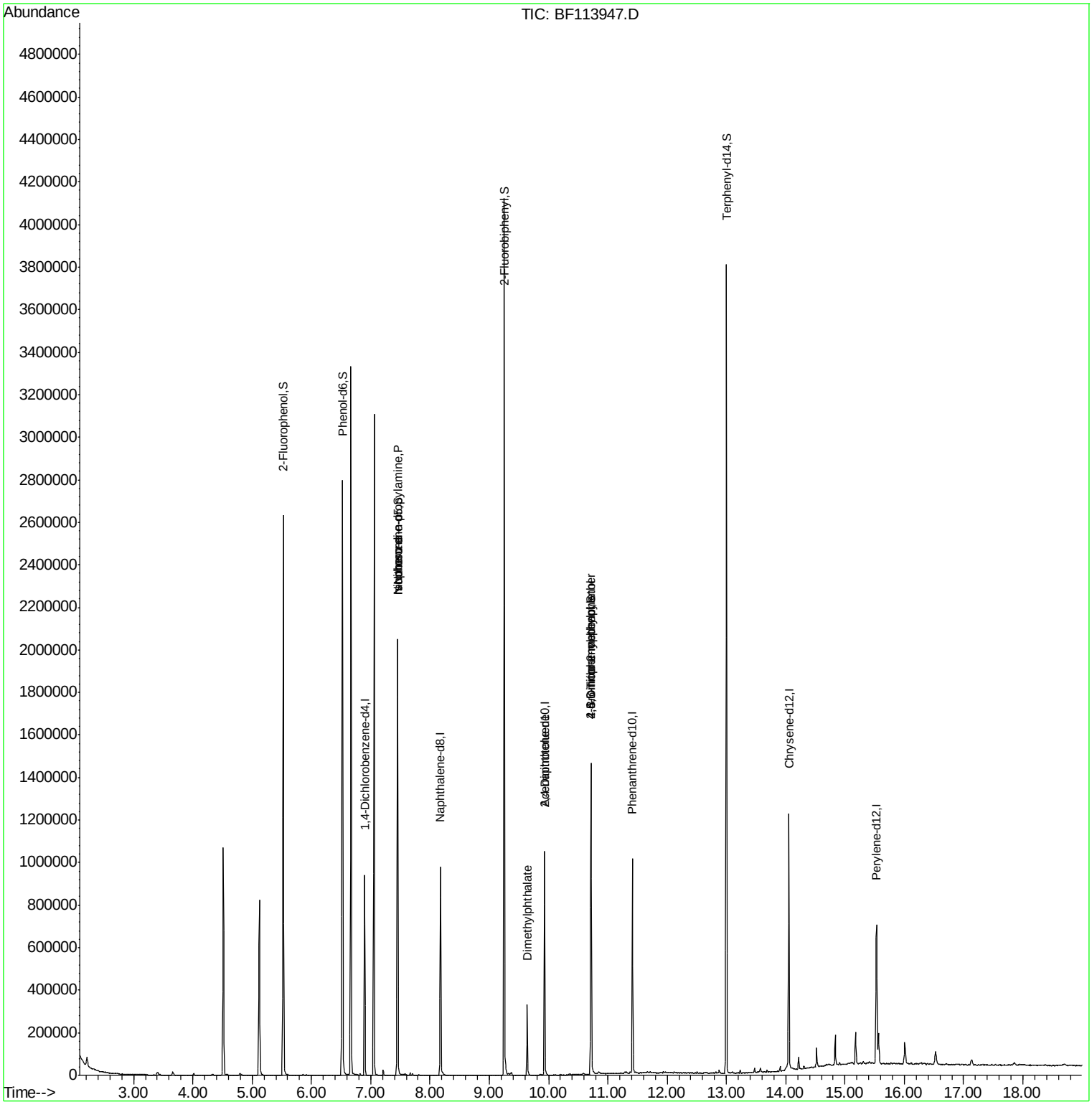
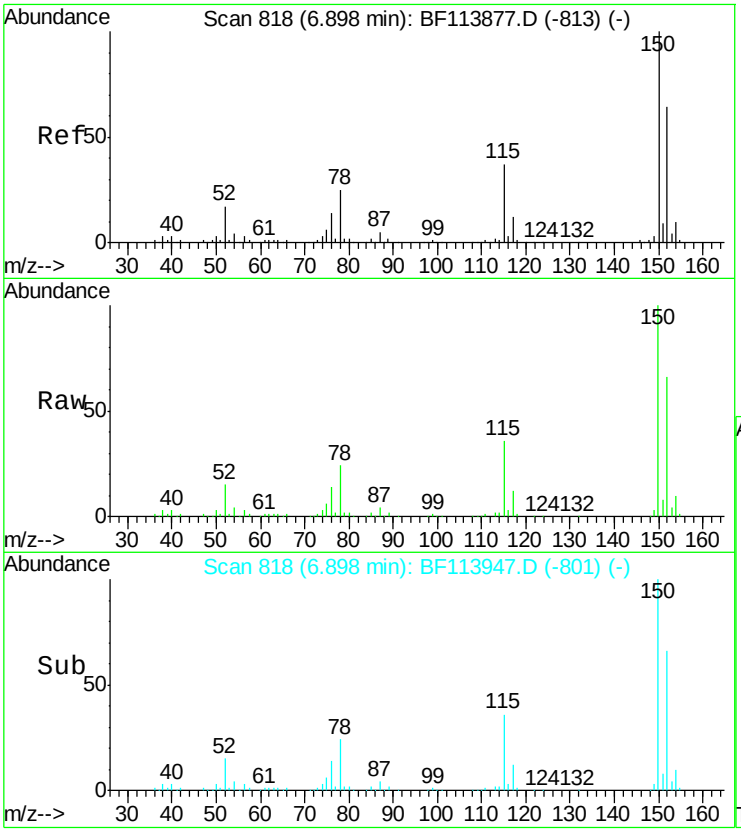


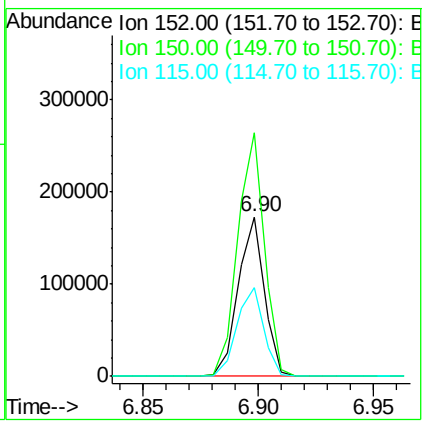


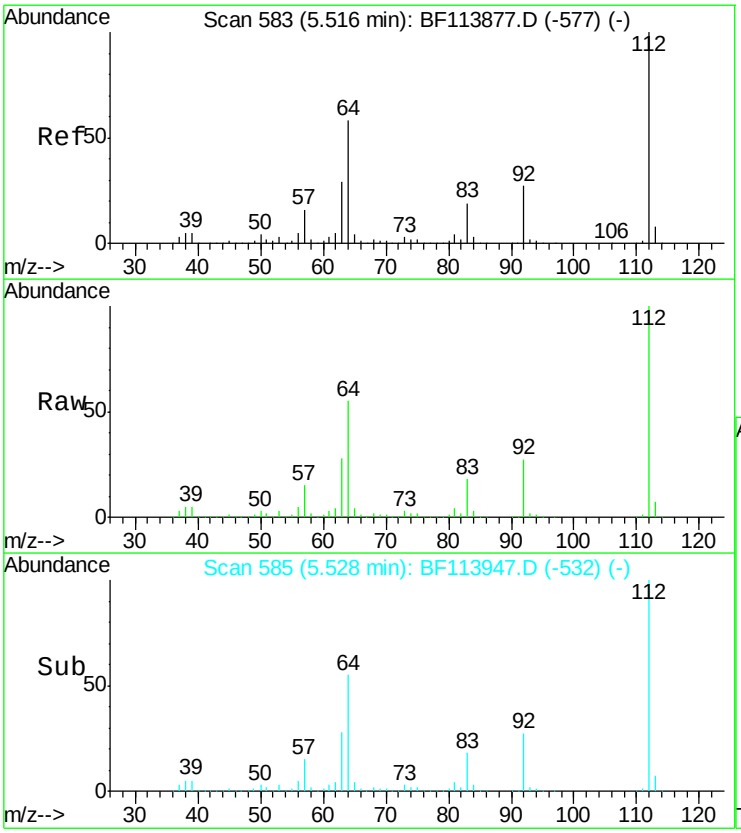
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137647

Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.9	188.9
115	55.6	45.9	68.9

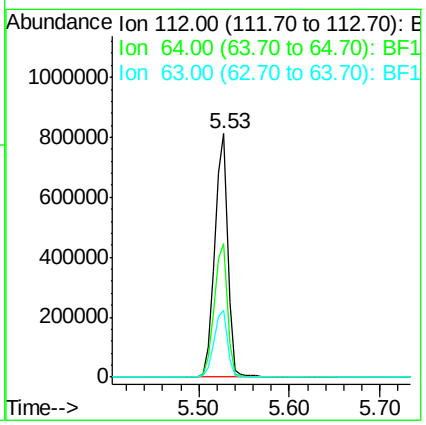


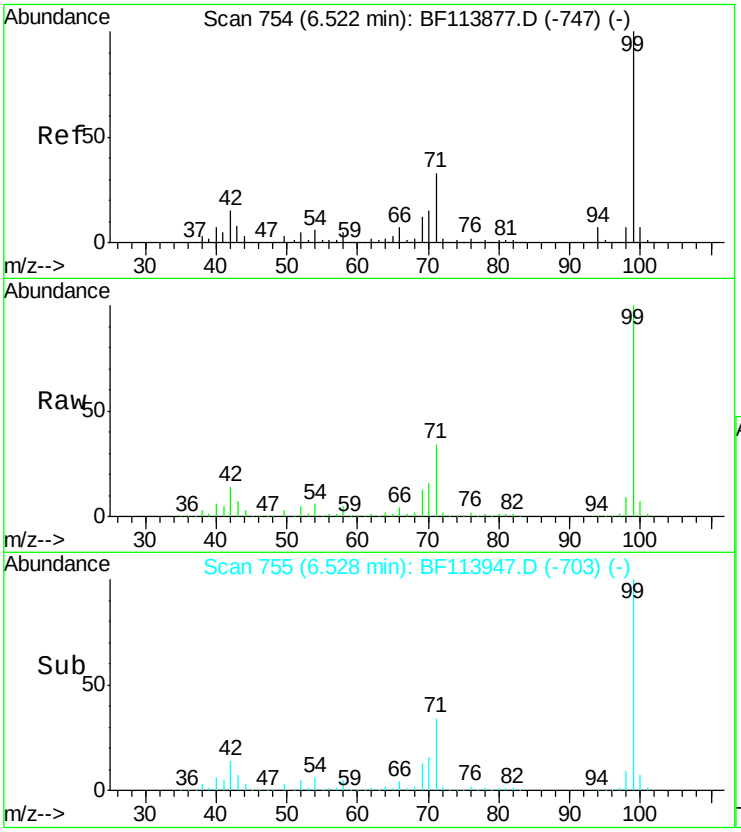


#5
2-Fluorophenol
Concen: 99.633 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:112 Resp: 801832

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.6	69.8
63	27.6	23.1	34.7



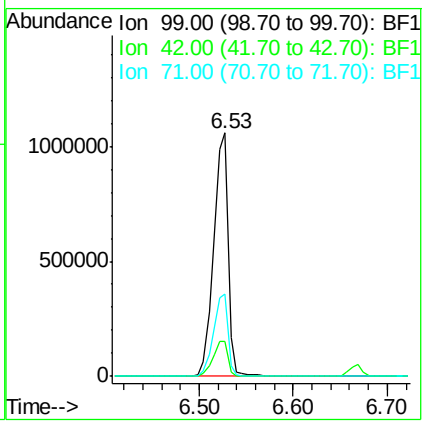


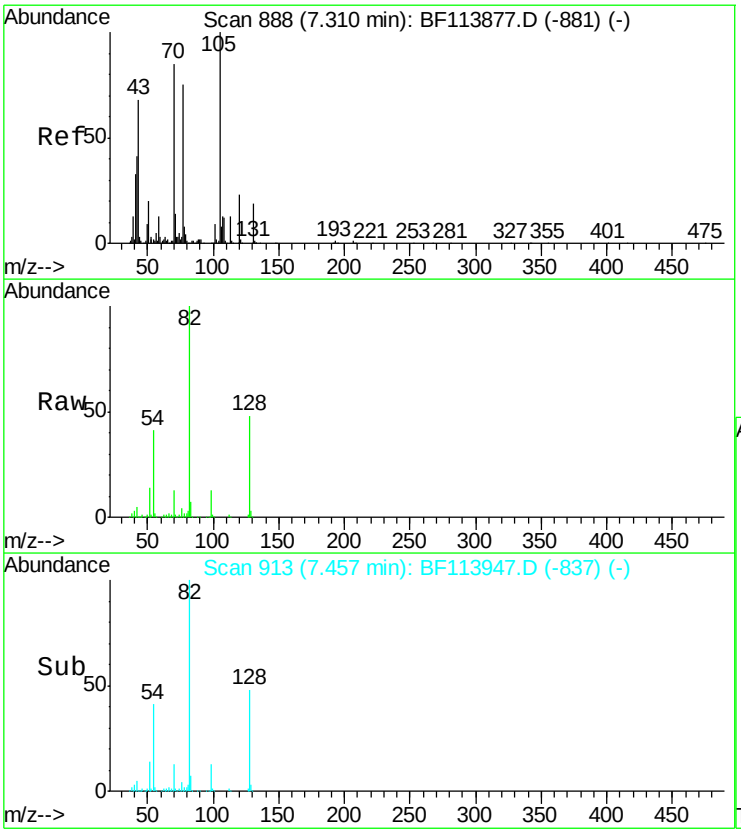
#7
Phenol-d6
Concen: 114.455 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1155654

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	33.6	26.9	40.3

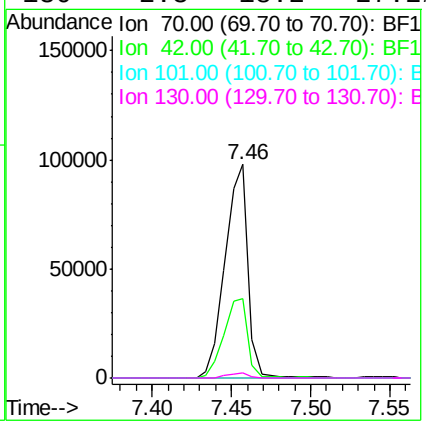


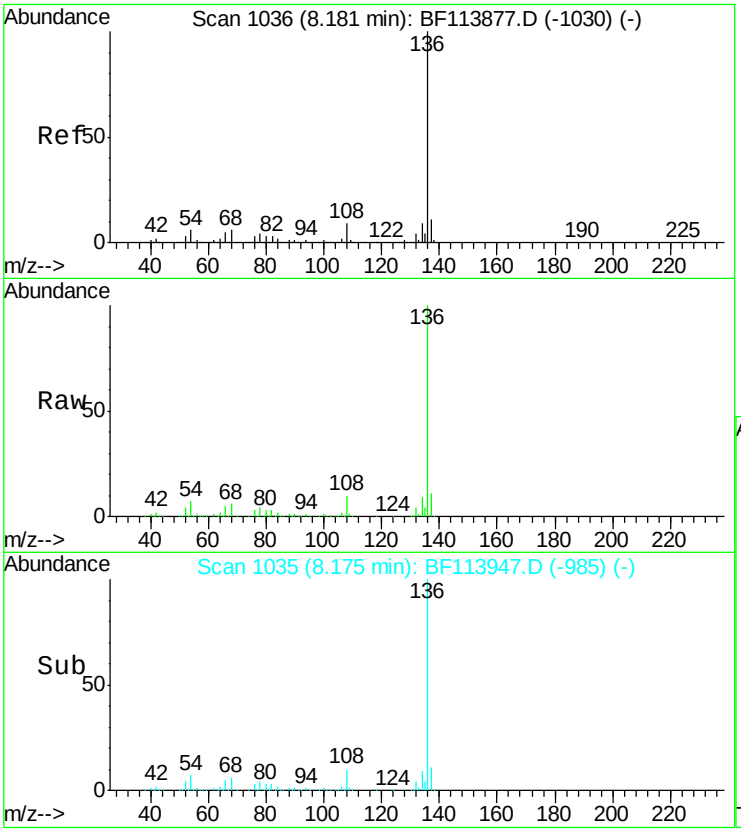


#19
n-Nitroso-di-n-propylamine
Concen: 14.972 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion: 70 Resp: 97895

Ion	Ratio	Lower	Upper
70	100		
42	37.3	37.3	55.9
101	0.0	7.8	11.8#
130	2.3	18.2	27.2#



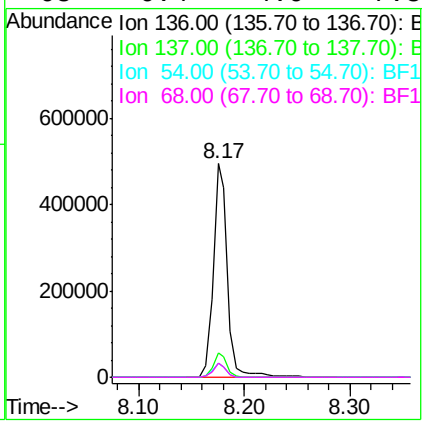


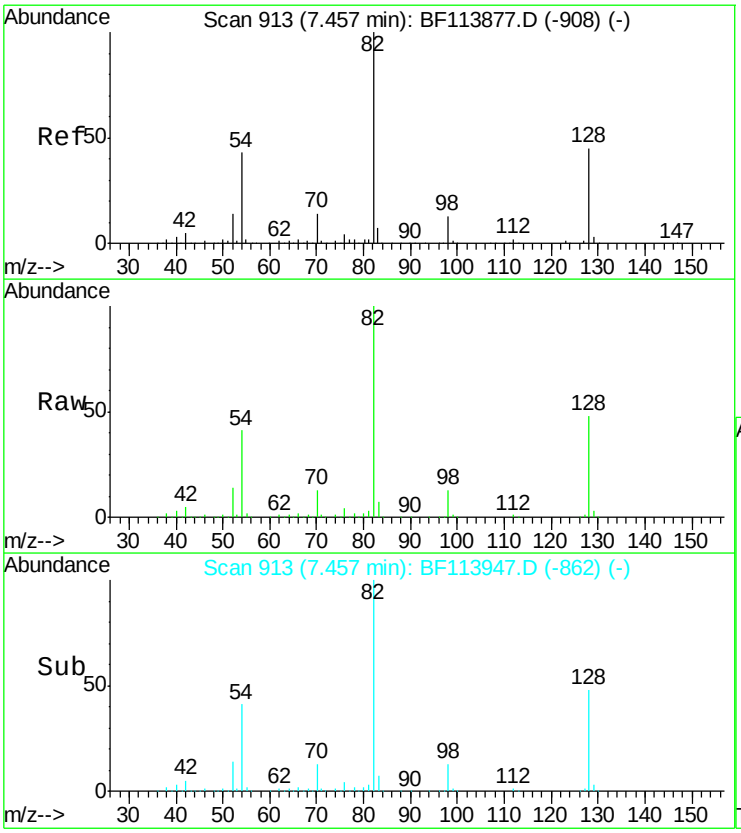
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 467808

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.9	5.0	7.6
68	6.4	4.9	7.3

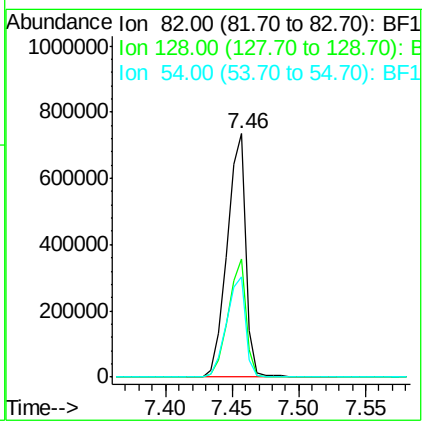


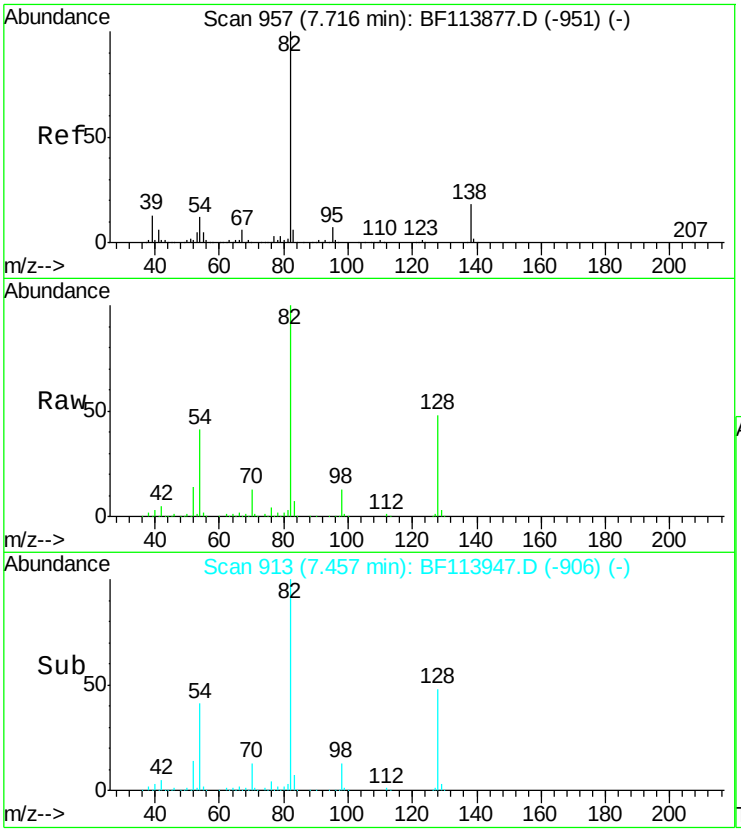


#23
Nitrobenzene-d5
Concen: 96.718 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion: 82 Resp: 732790

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.8	55.2
54	41.1	33.8	50.6



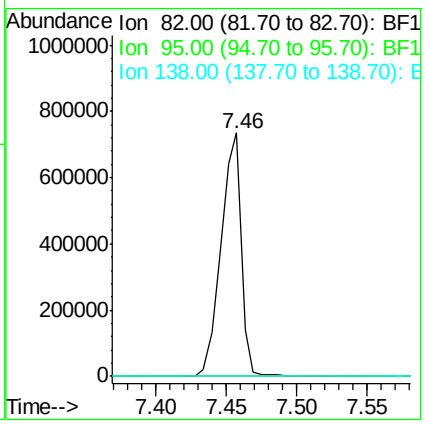


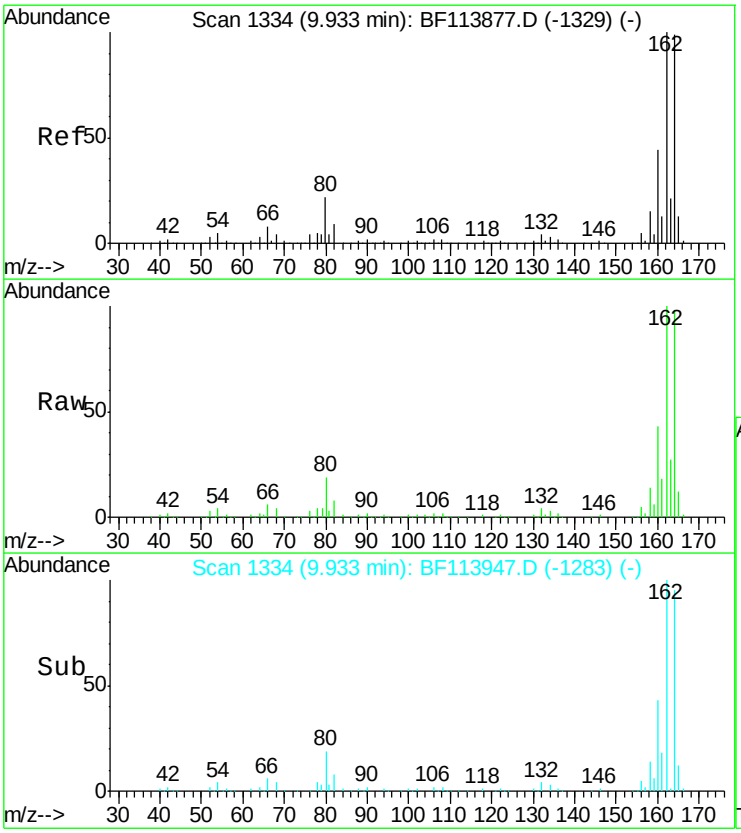
#25
Isophorone
Concen: 47.267 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 732778

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

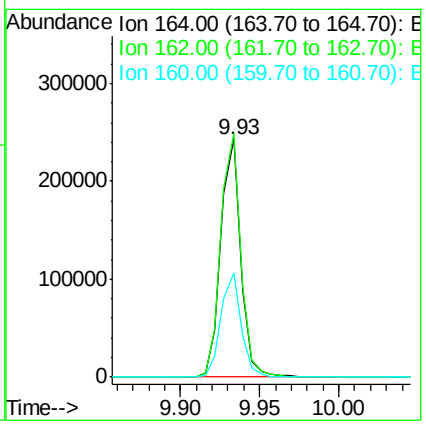


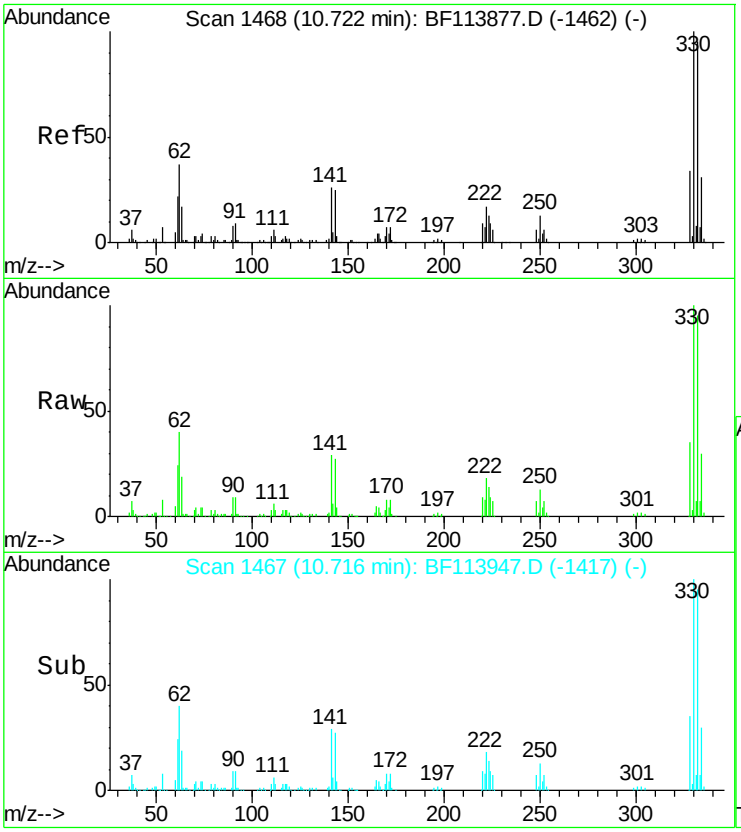


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:164 Resp: 211701

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	43.8	35.8	53.6



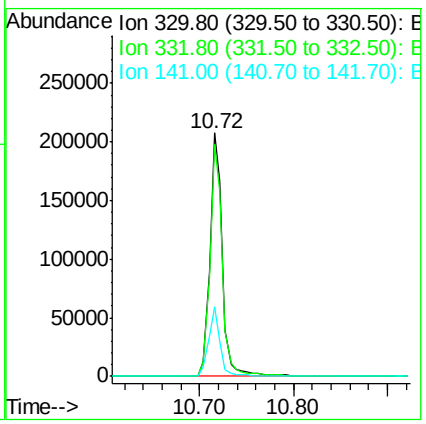


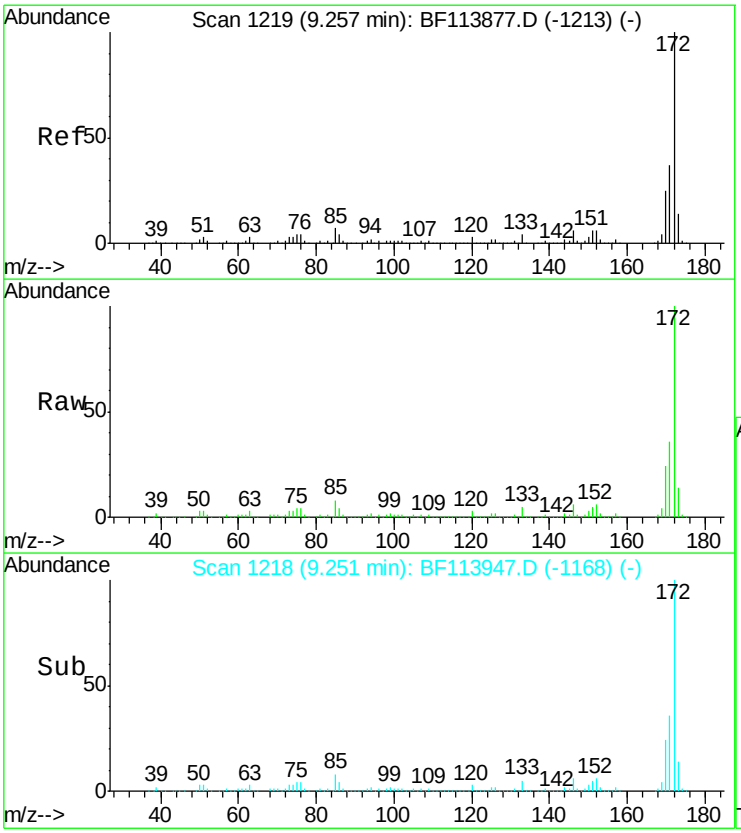
#42
2,4,6-Tribromophenol
Concen: 76.201 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 196518

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.5	116.3
141	26.5	22.2	33.2

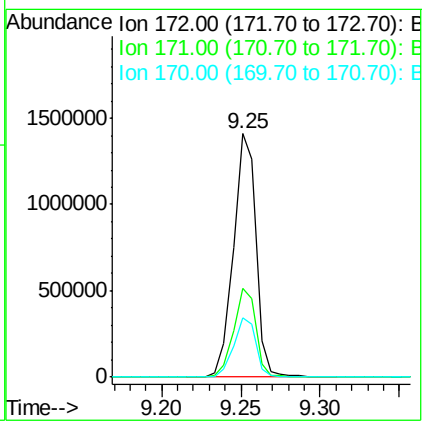


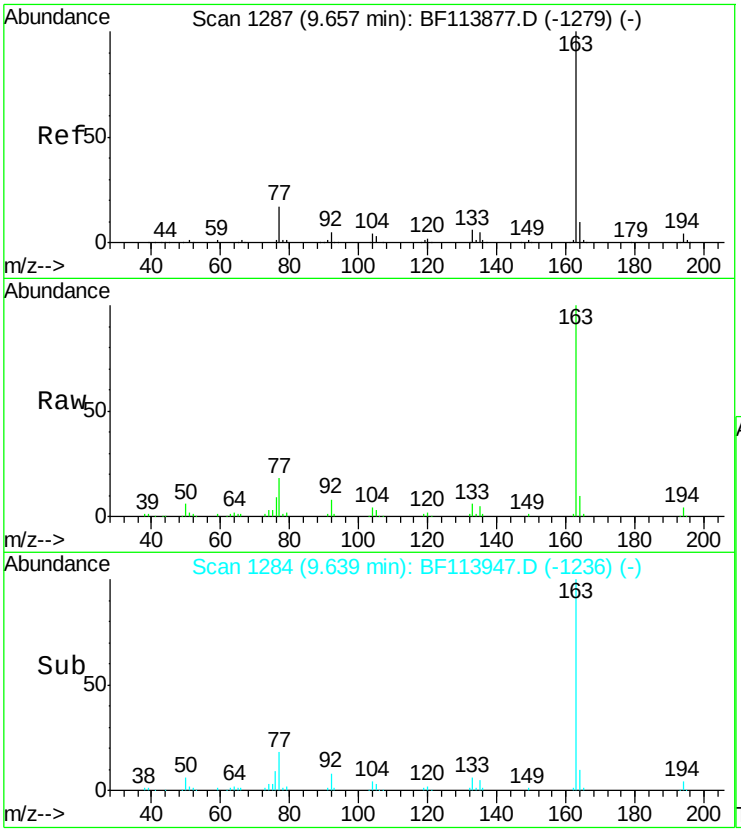


#45
2-Fluorobiphenyl
Concen: 102.867 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:172 Resp: 1392369

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9



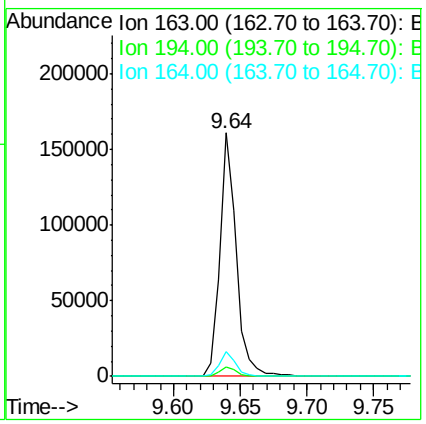


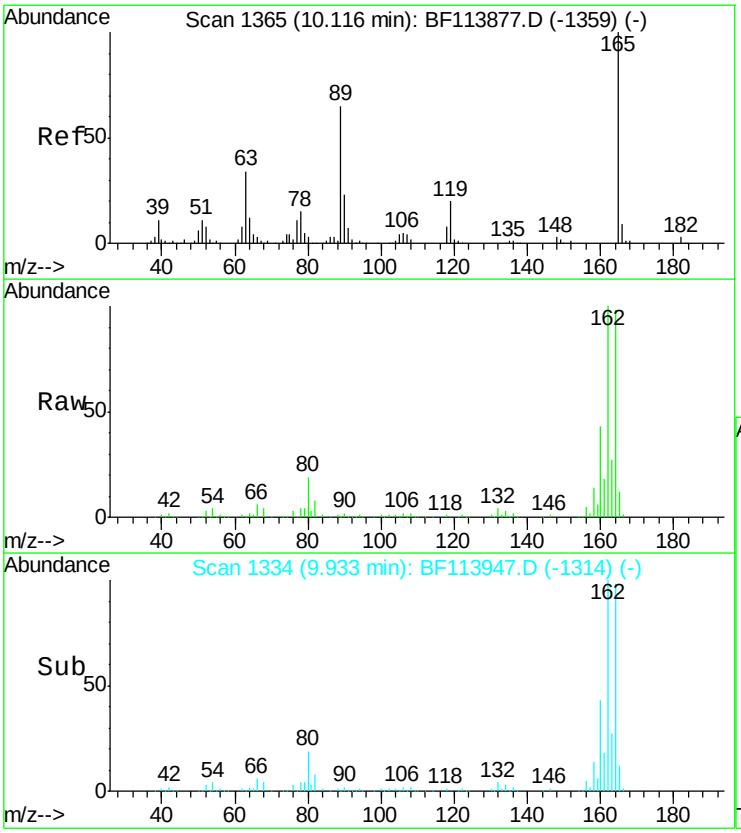
#50
Dimethylphthalate
Concen: 9.177 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 140504

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.9	8.5	12.7

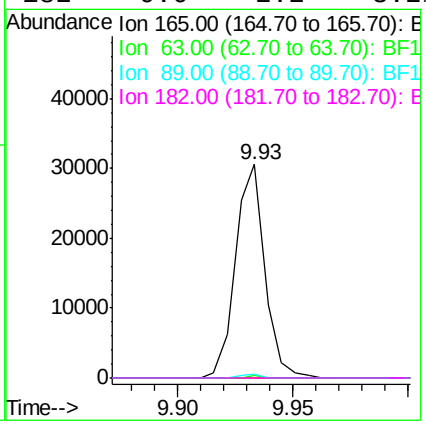


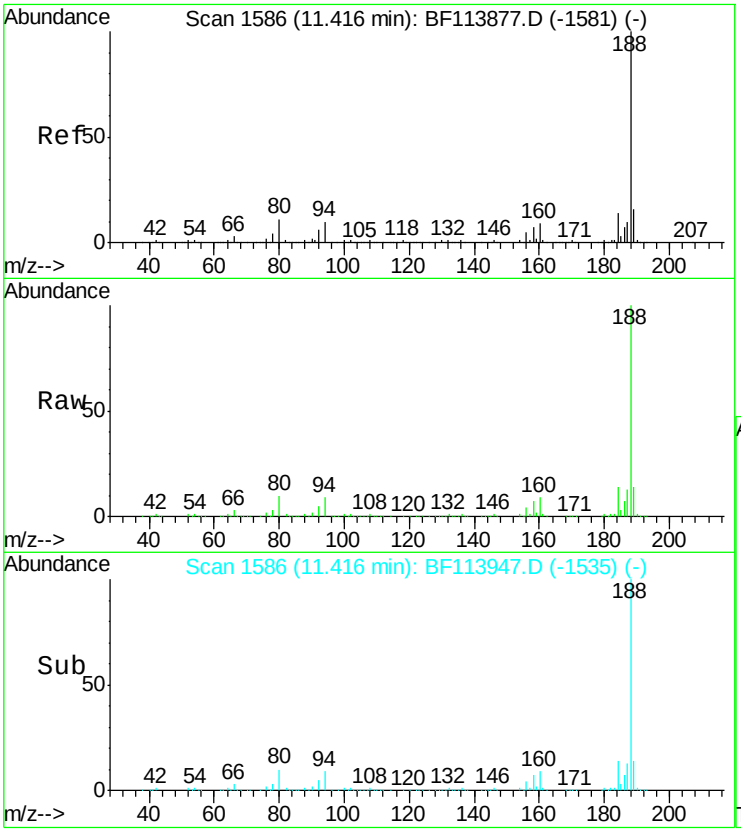


#57
2,4-Dinitrotoluene
Concen: 6.545 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:165 Resp: 27135

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.4	41.0#
89	1.8	51.8	77.6#
182	0.0	2.2	3.2#



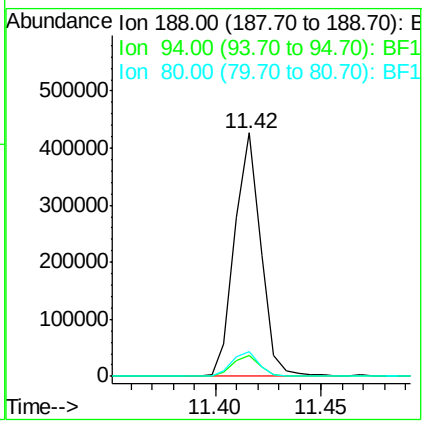


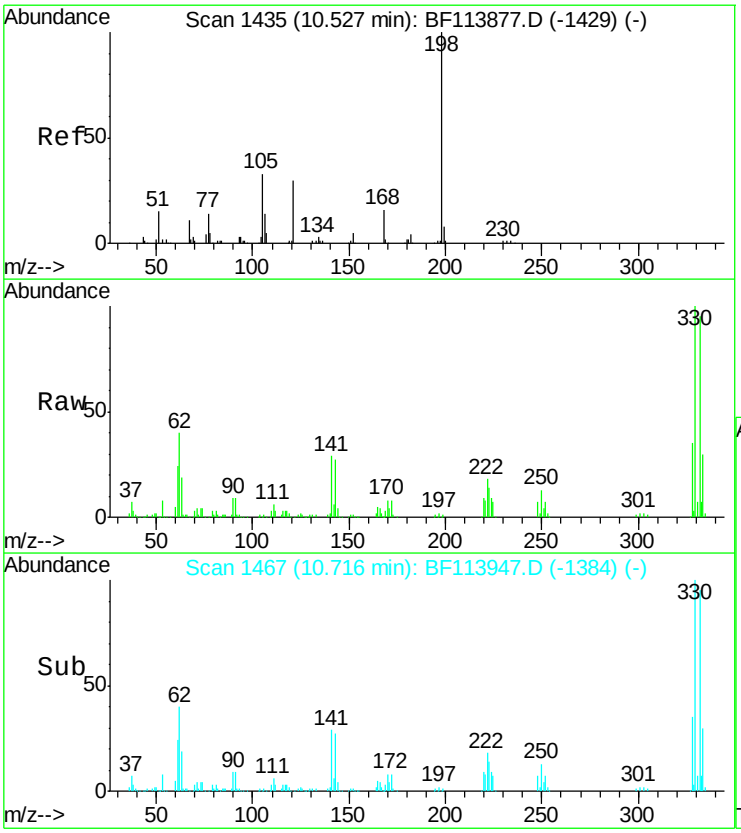
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 364819

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.1	9.0	13.6

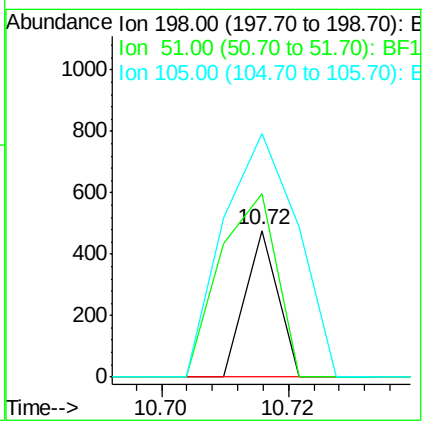


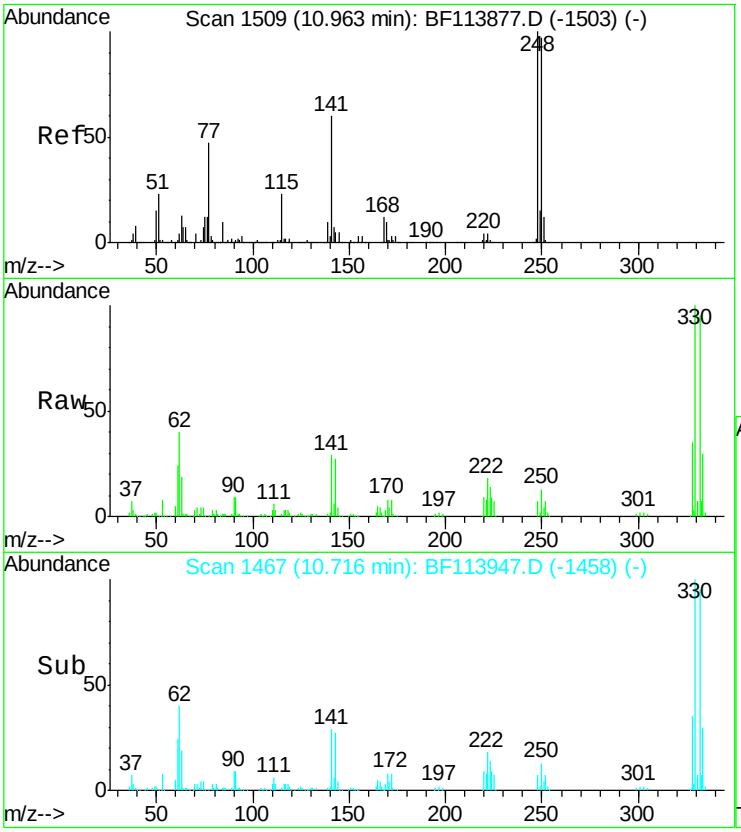


#65
4,6-Dinitro-2-methylphenol
Concen: 7.394 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:198 Resp: 169

Ion	Ratio	Lower	Upper
198	100		
51	21.9	11.1	51.1
105	29.1	20.7	60.7



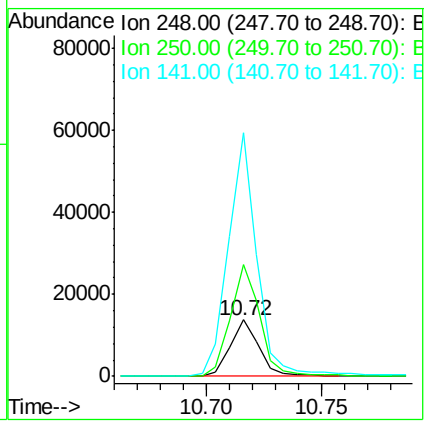


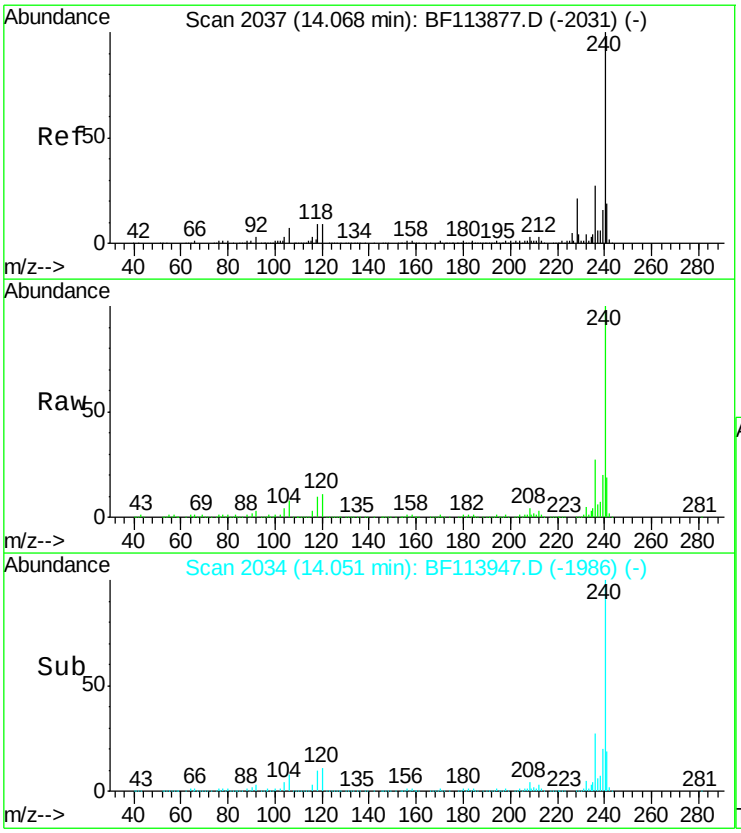
#67
4-Bromophenyl-phenylether
Concen: 2.705 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11922

Ion	Ratio	Lower	Upper
248	100		
250	198.2	75.8	113.6#
141	430.3	50.2	75.4#

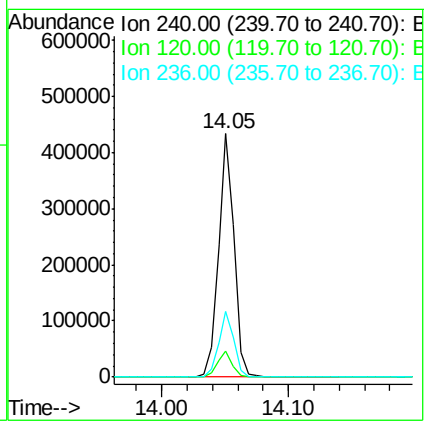


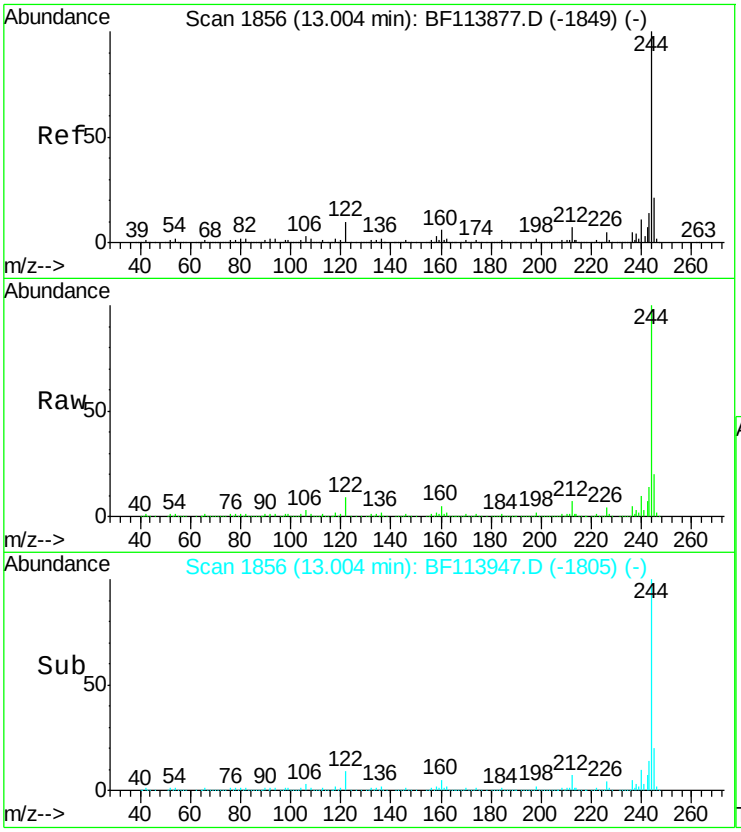


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:240 Resp: 372433

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	26.9	21.2	31.8



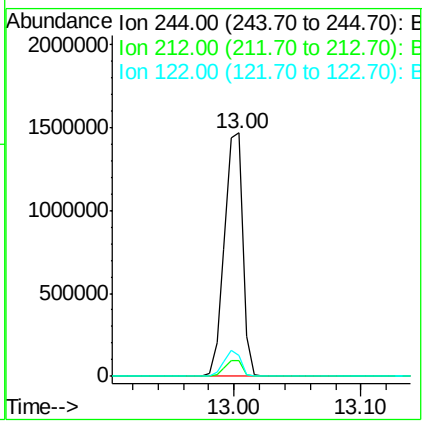


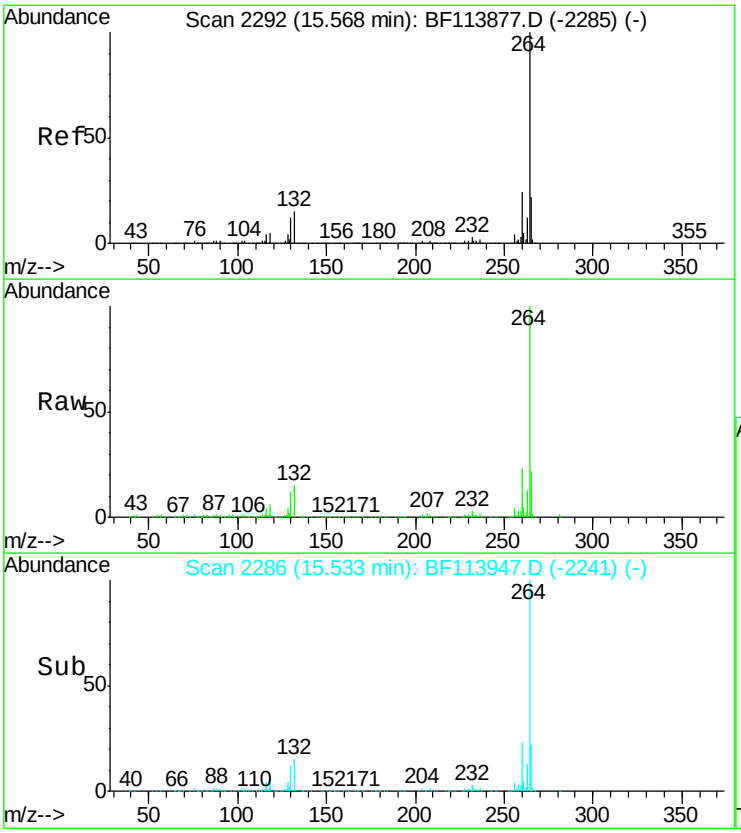
#79
Terphenyl-d14
Concen: 80.964 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1470823

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	8.5	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion:264 Resp: 319060

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.3	17.3	25.9