Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116551.D
Acq On : 26 Aug 2019 2:47
Operator : HP/JU
Sample : K4450-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 06:32:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132575	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	480312	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	213371	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	282746	20.00	ng		0.00
76) Chrysene-d12	14.03	240	199625	20.00	ng		0.00
87) Perylene-d12	15.50	264	169083	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	966040	106.47	ng		0.02
7) Phenol-d6	6.52	99	1276877	114.77	ng		0.01
23) Nitrobenzene-d5	7.44	82	798144	90.91	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	112834	61.59	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1501028	113.29	ng		0.00
79) Terphenyl-d14	12.98	244	1111641	104.02	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	107926	14.217	ng	#	78
25) Isophorone	7.44	82	796421	46.033	ng	#	67
50) Dimethylphthalate	9.63	163	213425	14.336	ng		99
57) 2,4-Dinitrotoluene	9.92	165	27111	6.992	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.70	198	119	7.093	ng	#	1
67) 4-Bromophenyl-phenylether	10.70	248	7056	2.380	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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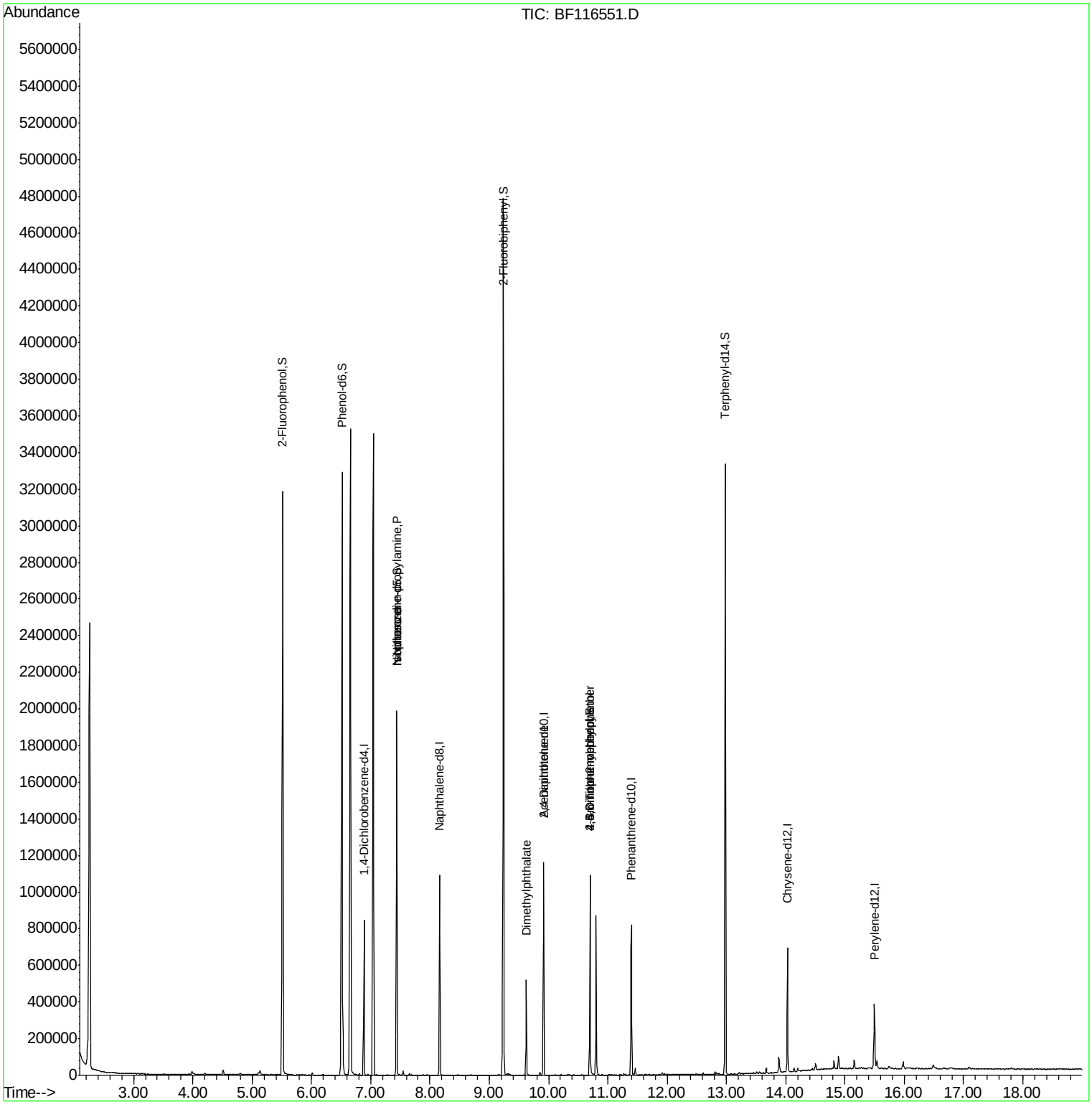
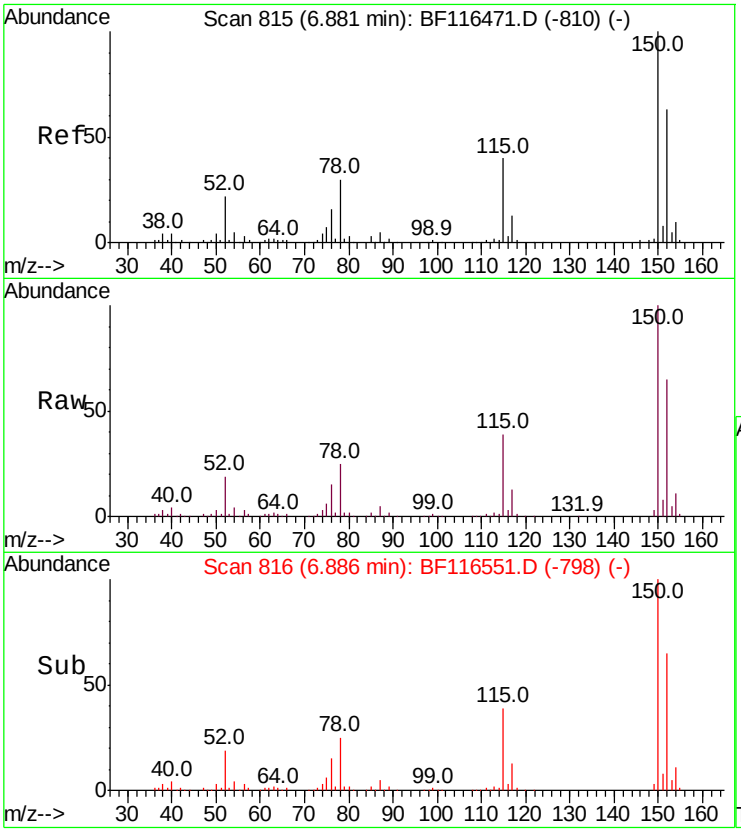
Acq On : 26 Aug 2019 2:47
Operator : HP/JU
Sample : K4450-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 06:32:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



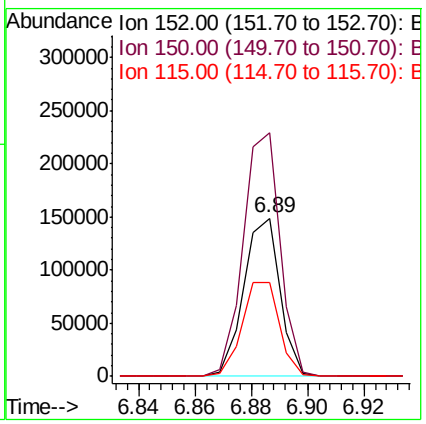


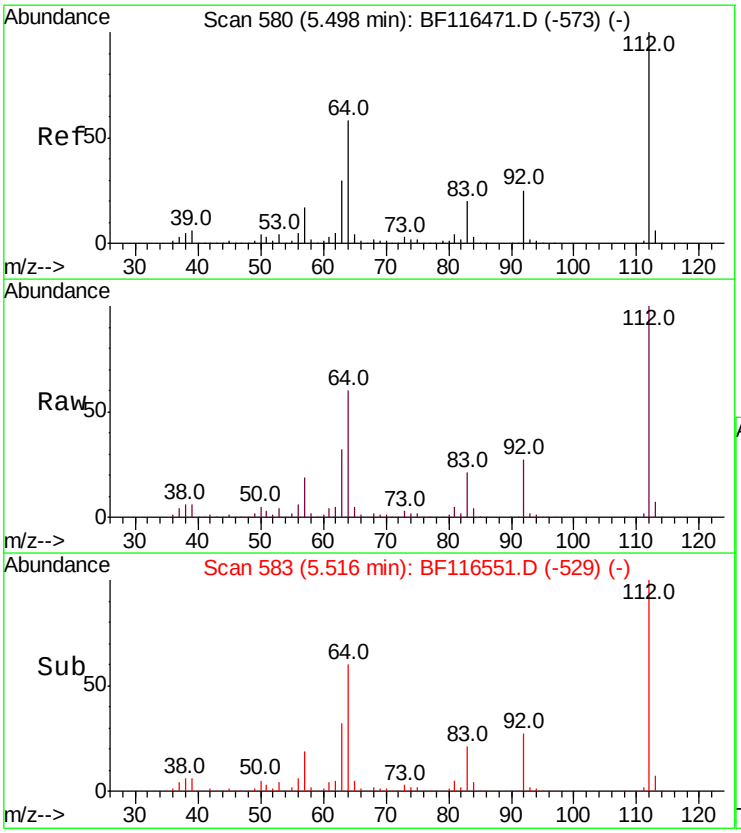
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132575

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.7	190.1
115	59.4	50.9	76.3

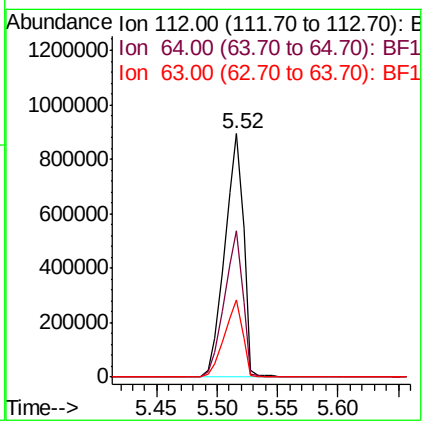


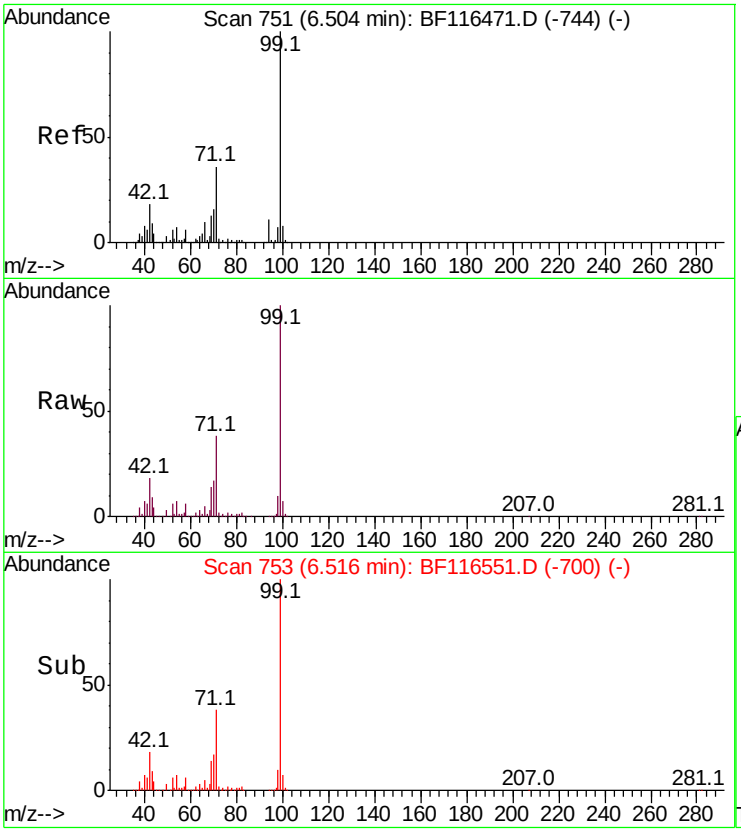


#5
2-Fluorophenol
Concen: 106.470 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:112 Resp: 966040

Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.3	69.5
63	31.7	24.2	36.4



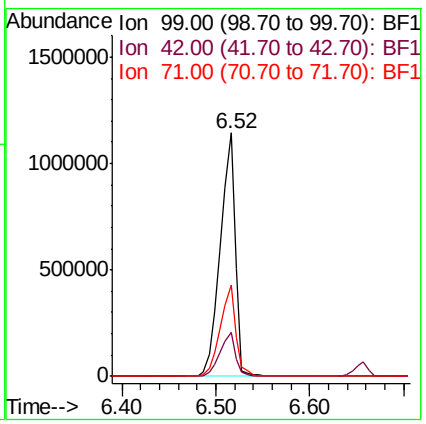


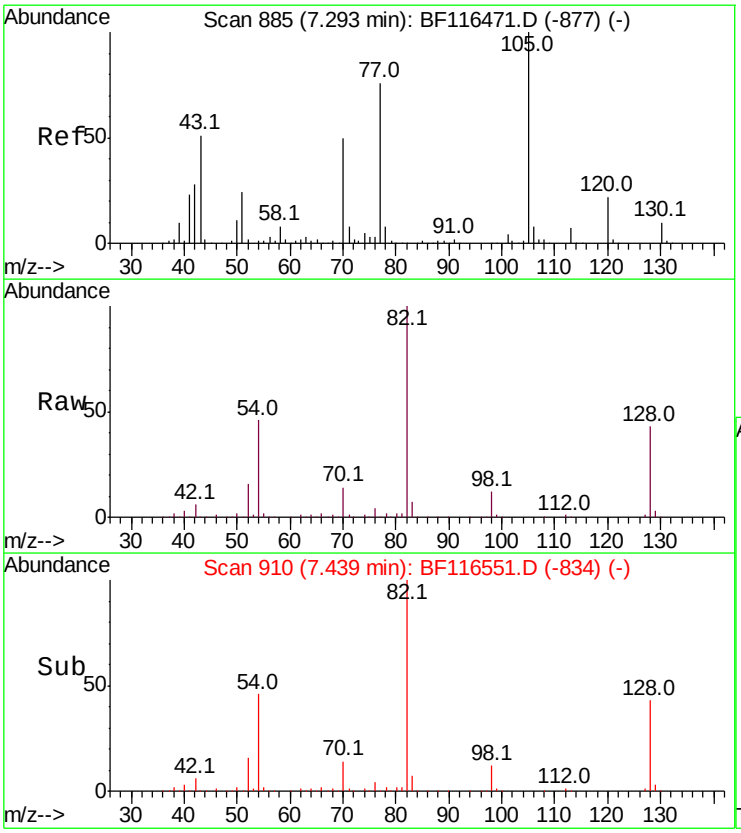
#7
Phenol-d6
Concen: 114.773 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1276877

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	37.7	28.5	42.7

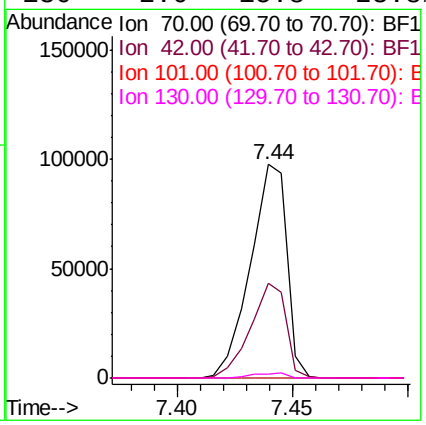


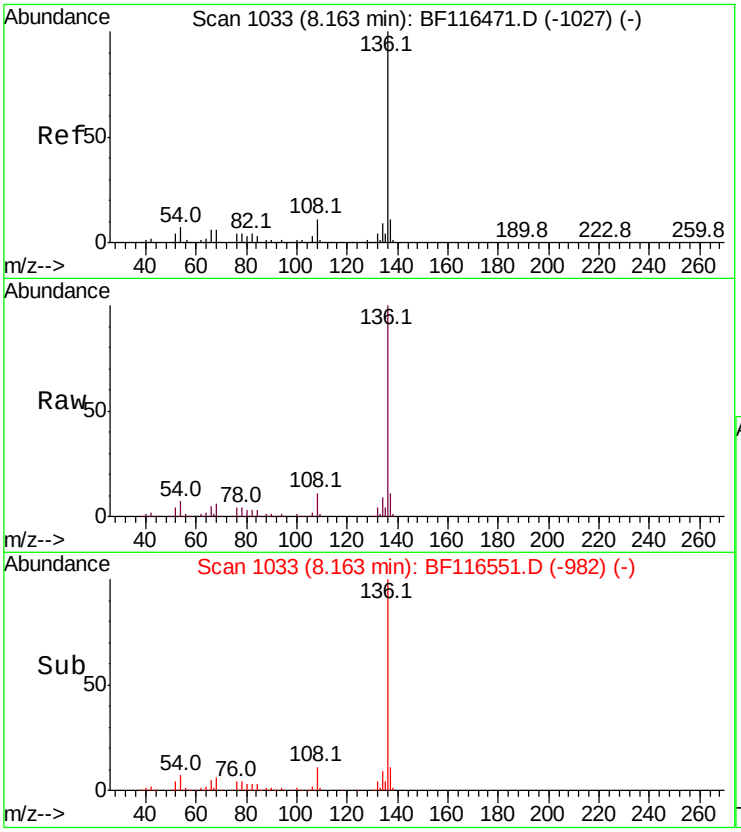


#19
n-Nitroso-di-n-propylamine
Concen: 14.217 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion: 70 Resp: 107926

Ion	Ratio	Lower	Upper
70	100		
42	44.6	44.4	66.6
101	0.0	7.1	10.7#
130	2.0	15.8	23.8#

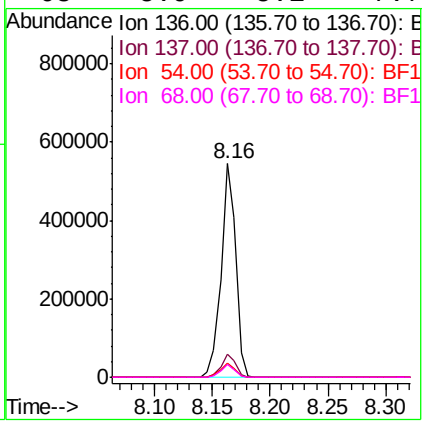




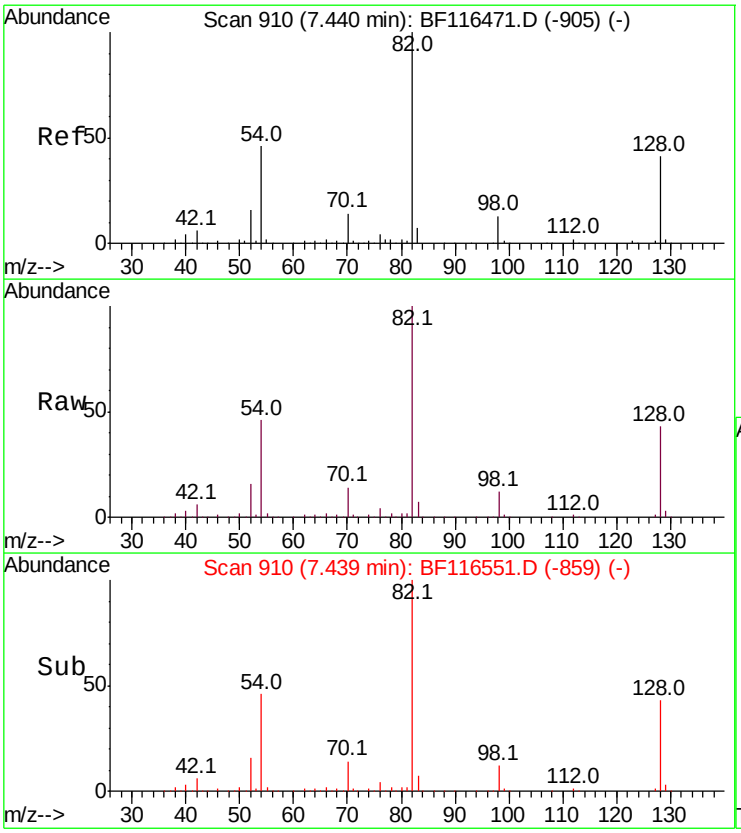
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:136 Resp: 480312

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.8	8.6
68	5.9	5.1	7.7



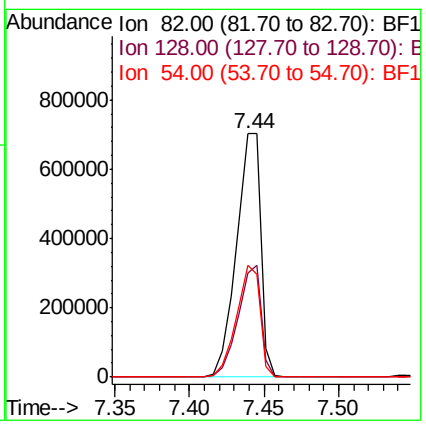
Instrument :
BNA_F
ClientSampleId :

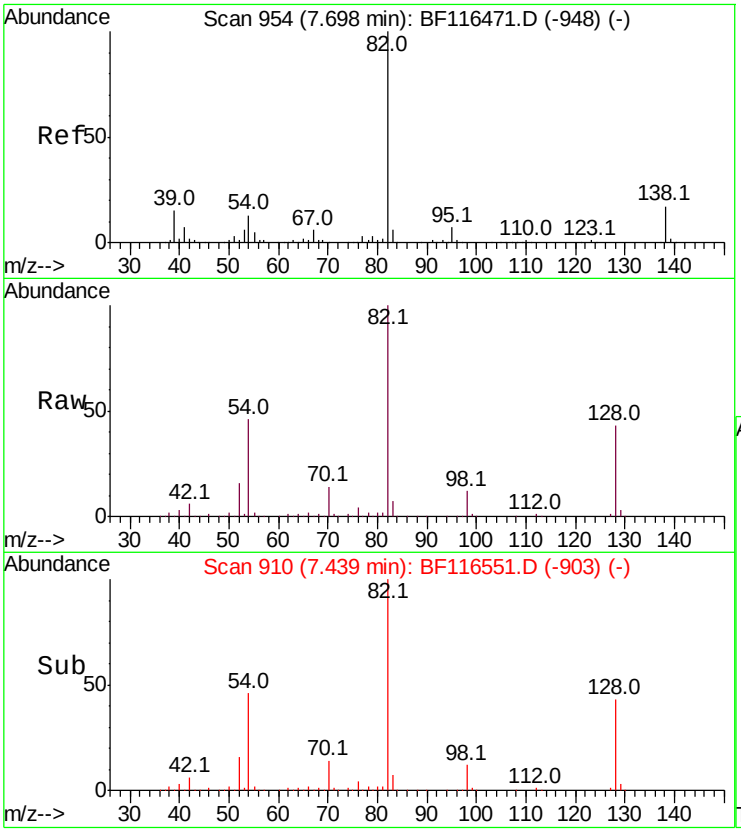


#23
Nitrobenzene-d5
Concen: 90.913 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion: 82 Resp: 798144

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	46.1	36.5	54.7



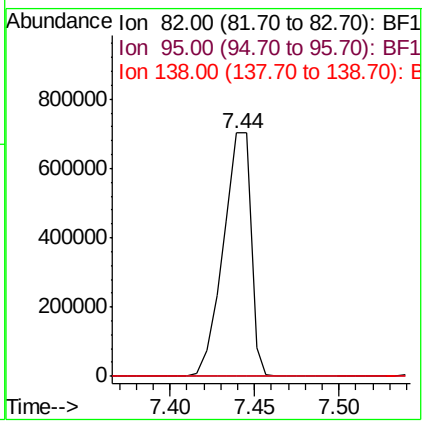


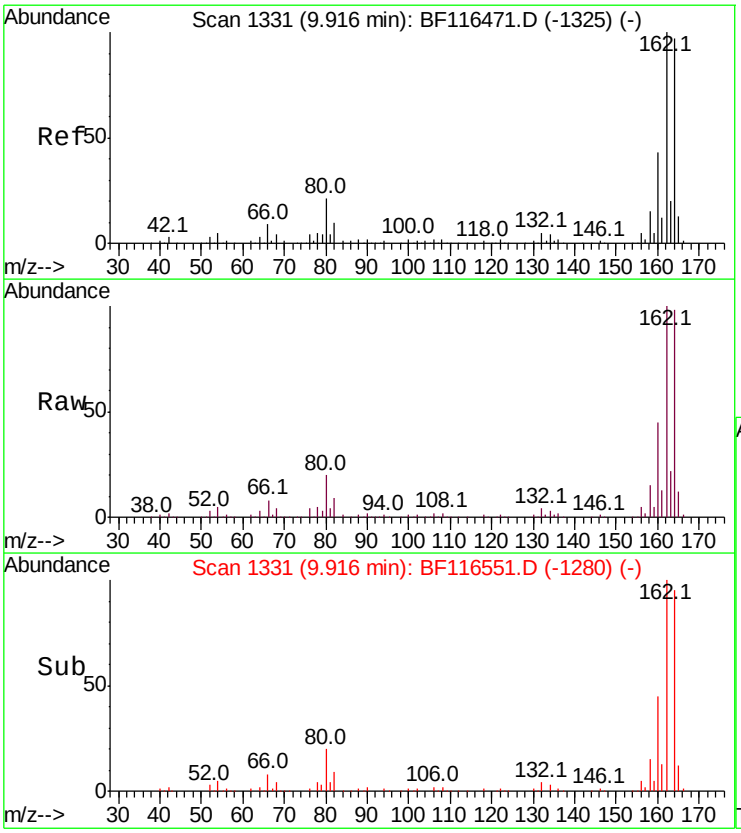
#25
Isophorone
Concen: 46.033 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 796421

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

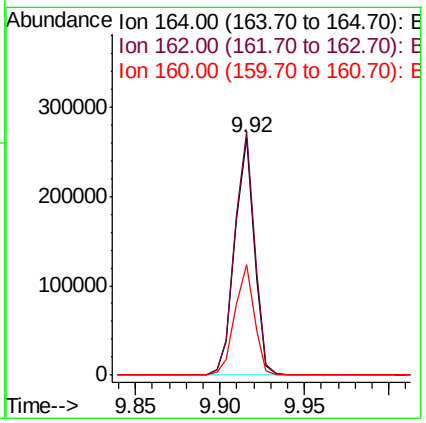


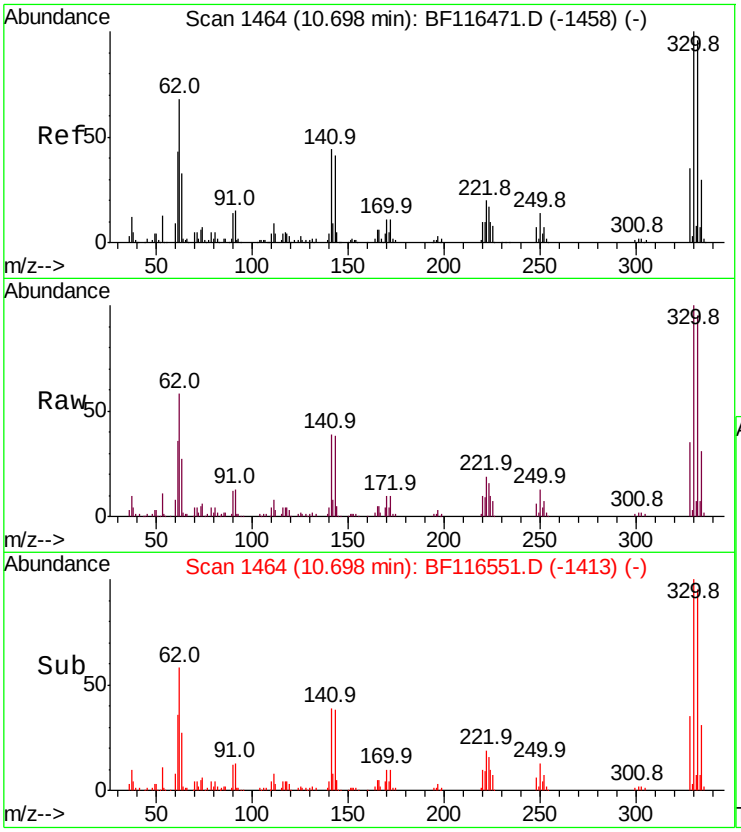


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:164 Resp: 213371

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	46.5	35.8	53.8



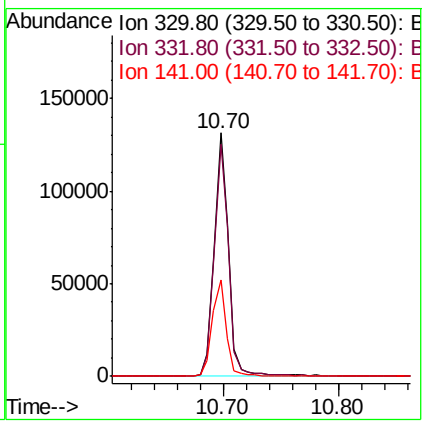


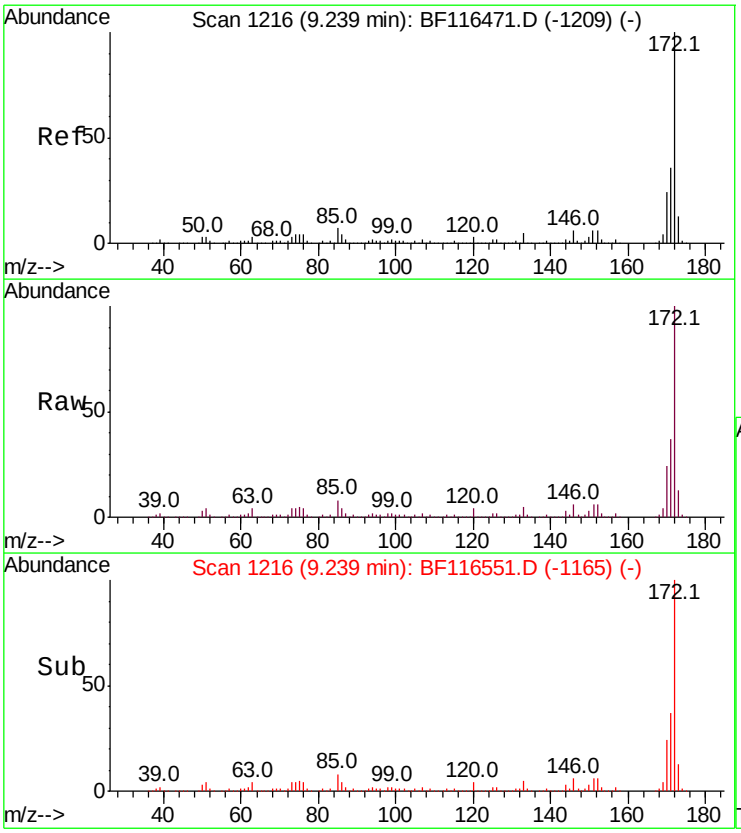
#42
2,4,6-Tribromophenol
Concen: 61.585 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 112834

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	39.2	33.3	49.9

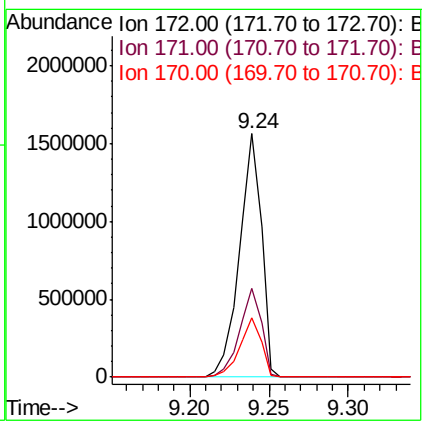


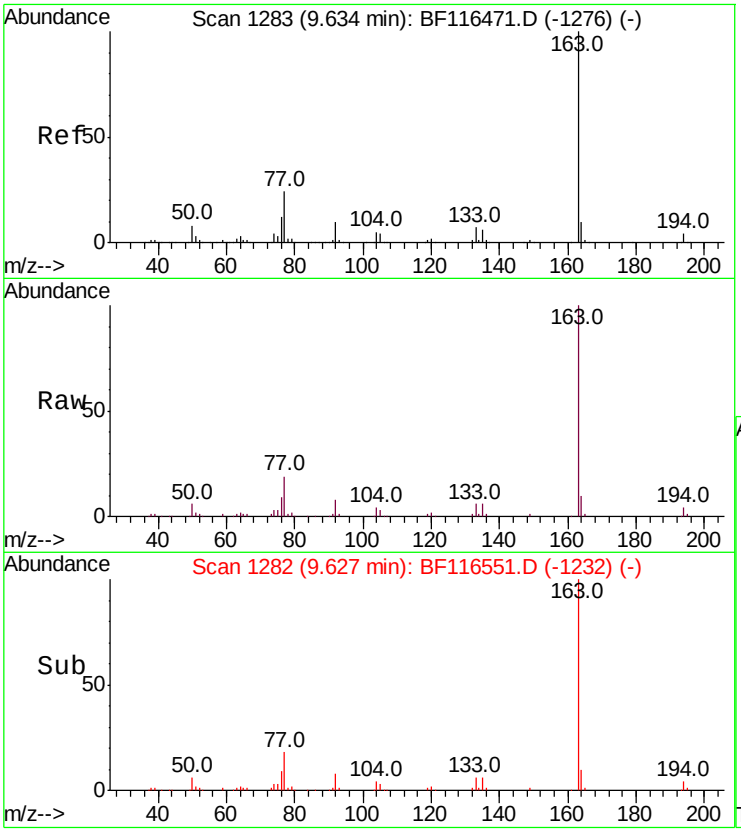


#45
2-Fluorobiphenyl
Concen: 113.289 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:172 Resp: 1501028

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.2	19.4	29.0



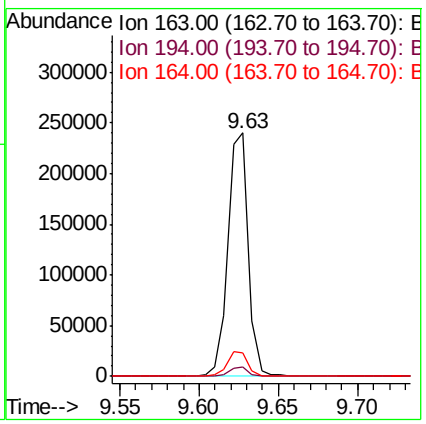


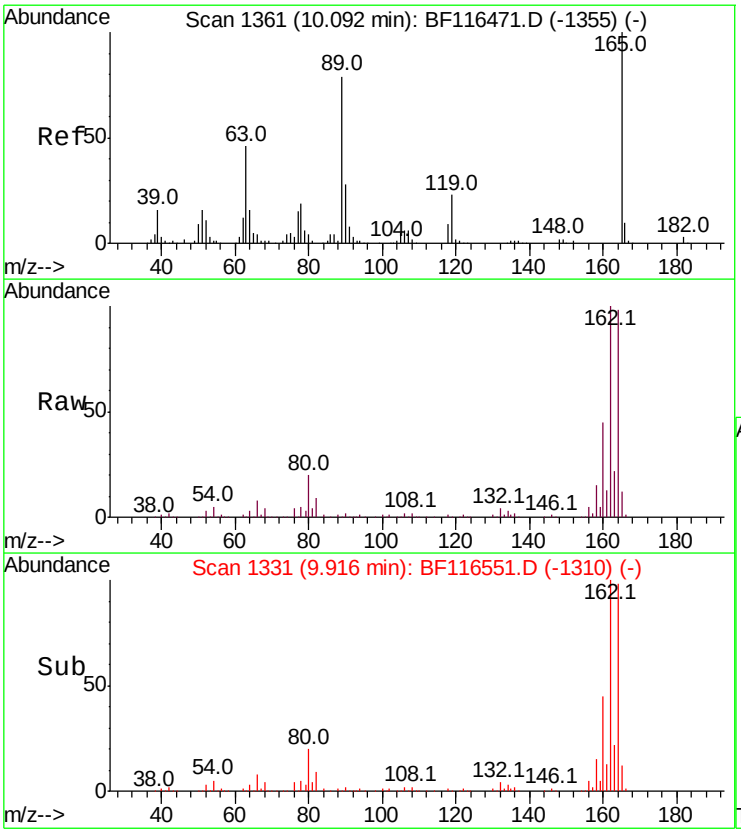
#50
Dimethylphthalate
Concen: 14.336 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 213425

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.7	8.2	12.2

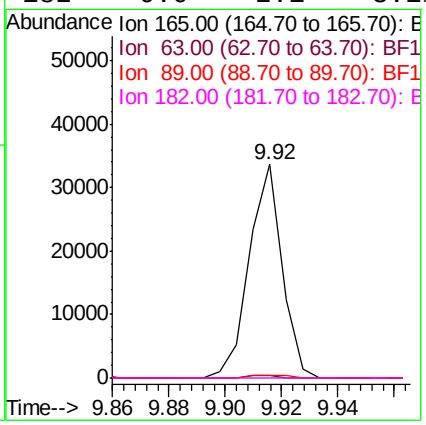


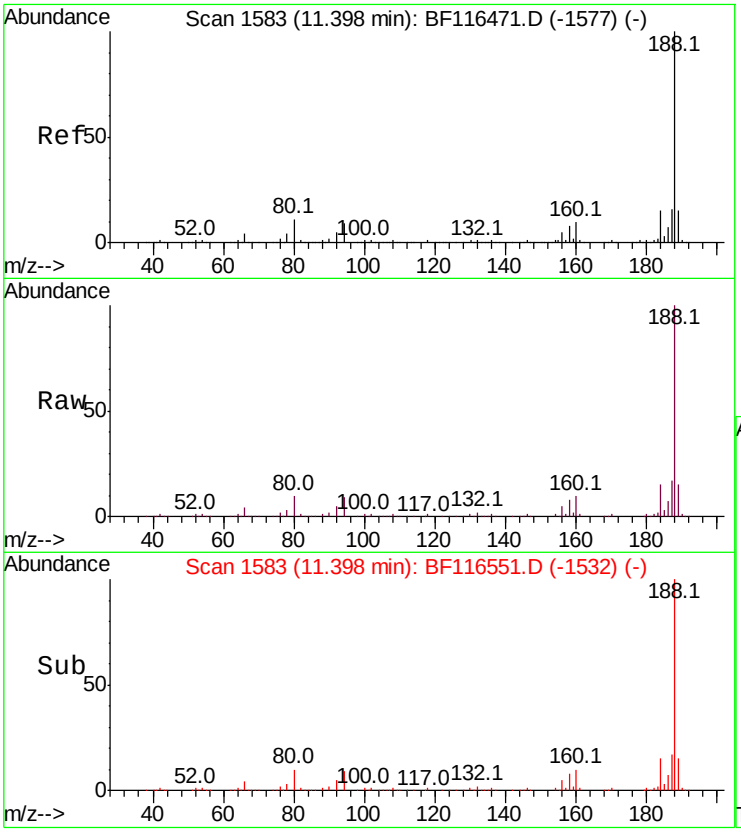


#57
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:165 Resp: 27111

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.9	55.3#
89	1.4	63.4	95.0#
182	0.0	2.1	3.1#



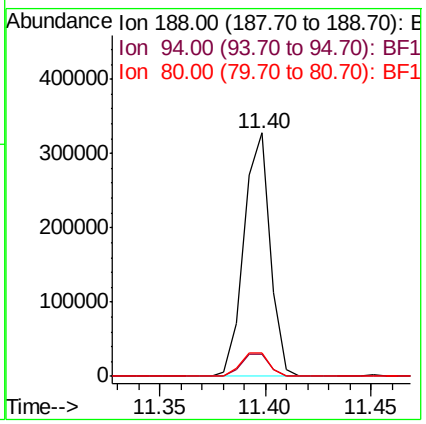


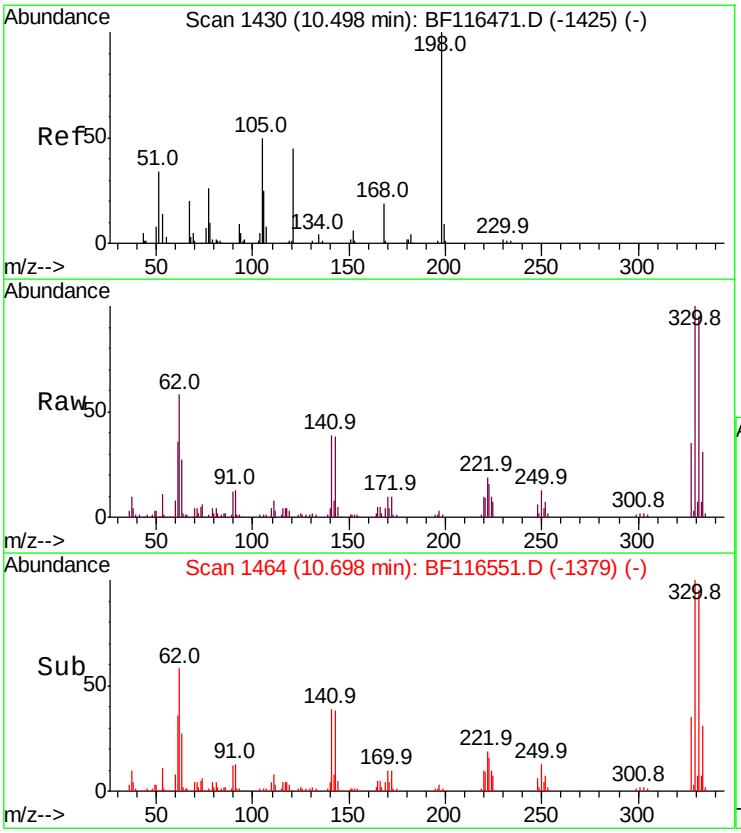
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 282746

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.7	8.6	12.8

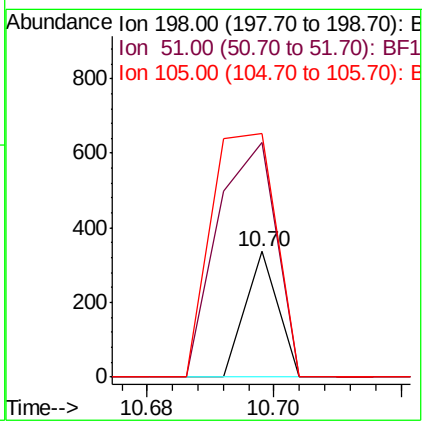


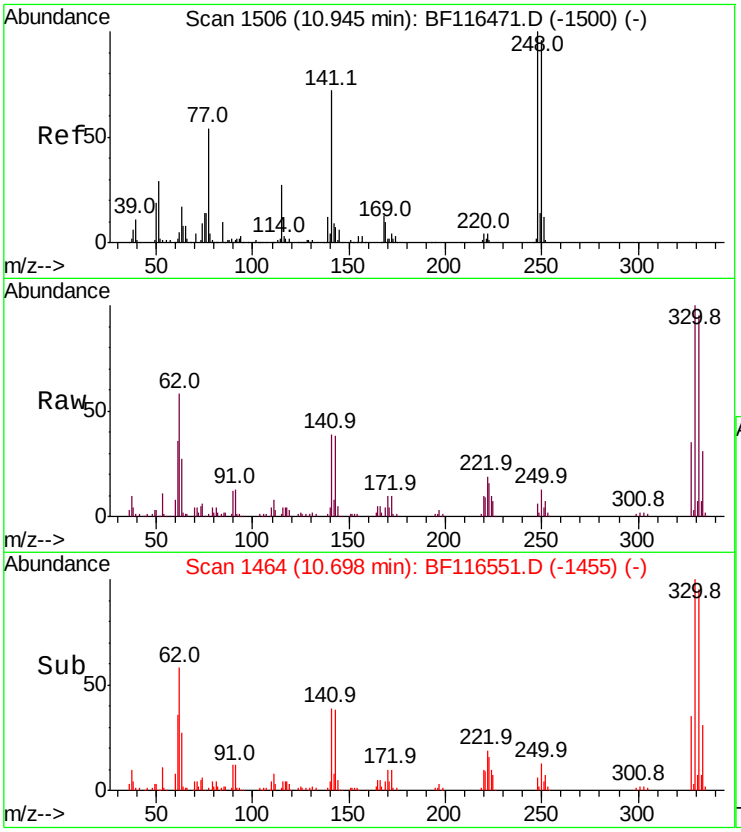


#65
4,6-Dinitro-2-methylphenol
Concen: 7.093 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	186.9	30.4	70.4#
105	193.8	32.8	72.8#



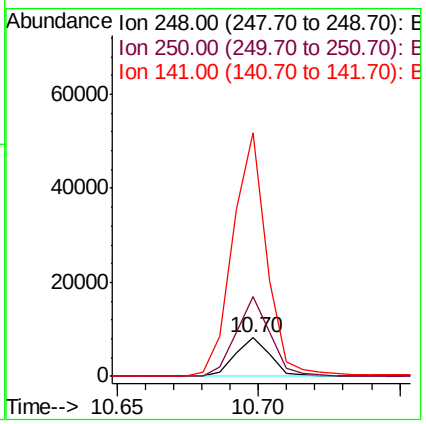


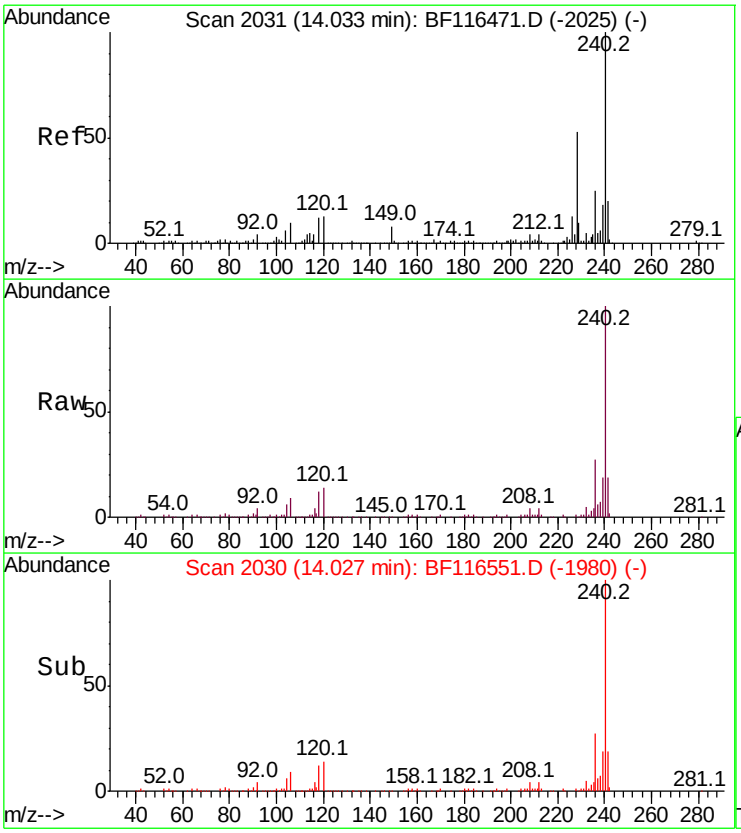
#67
4-Bromophenyl-phenylether
Concen: 2.380 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7056

Ion	Ratio	Lower	Upper
248	100		
250	206.6	77.0	115.6#
141	630.7	57.4	86.0#

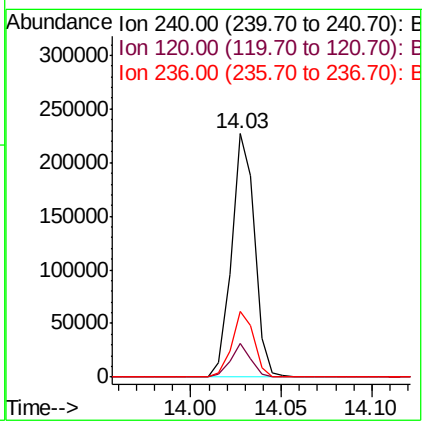


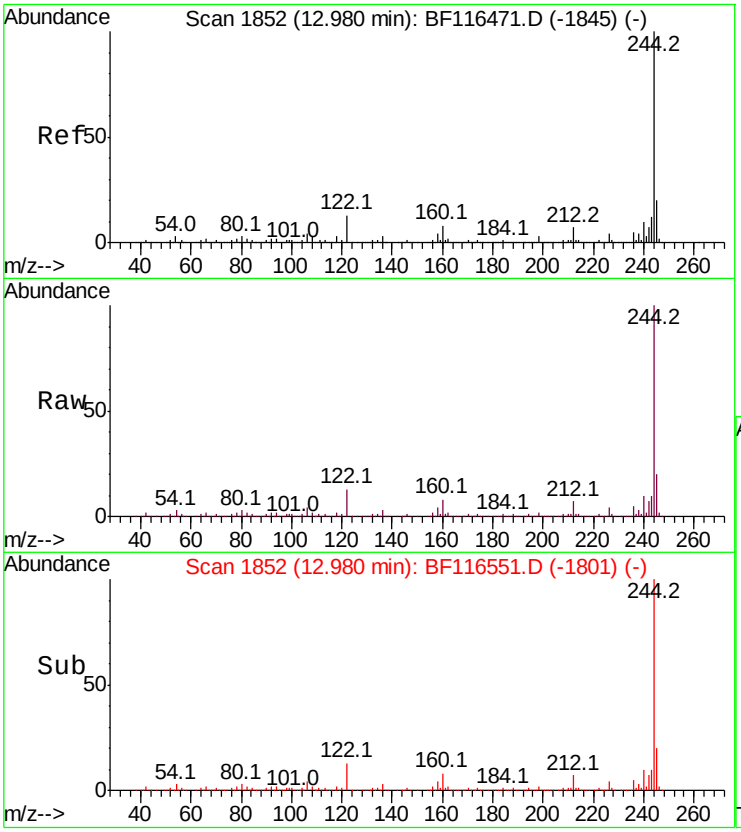


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:240 Resp: 199625

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.5	15.7
236	27.1	20.2	30.2



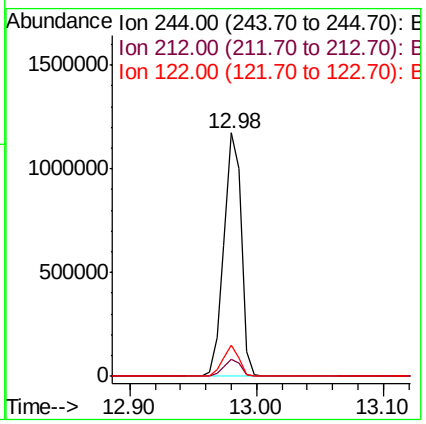


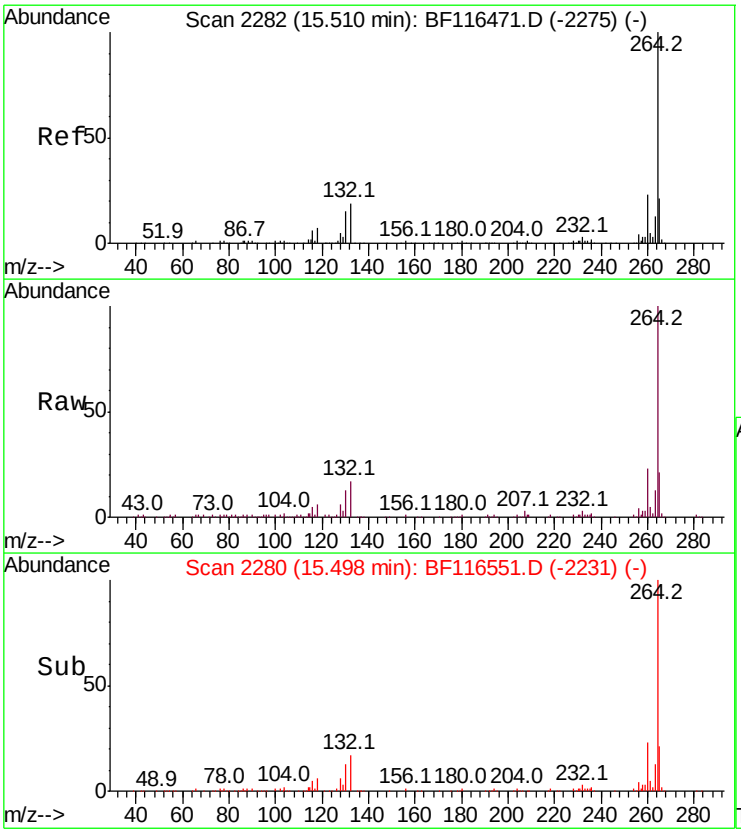
#79
Terphenyl-d14
Concen: 104.017 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1111641

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.8	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion:264 Resp: 169083

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.3	17.1	25.7