Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
Data File : BF115367.D
Acq On : 2 Jul 2019 18:41
Operator : HP/JU
Sample : K3158-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Time: Jul 03 05:53:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	232513	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	899956	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	432387	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	833471	20.00	ng	0.02
76) Chrysene-d12	13.74	240	536370	20.00	ng	0.02
87) Perylene-d12	15.11	264	547786	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1424594	94.55	ng	0.03
7) Phenol-d6	6.25	99	1643114	89.85	ng	0.02
23) Nitrobenzene-d5	7.17	82	1231055	84.15	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	576738	126.49	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2326368	91.39	ng	0.01
79) Terphenyl-d14	12.71	244	2341675	92.82	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	164423	14.043	ng	# 78
25) Isophorone	7.17	82	1211244	40.416	ng	# 63
51) 2,6-Dinitrotoluene	9.64	165	55305	7.530	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	55305	5.832	ng	# 30
58) Fluorene	10.42	166	25837	Below Cal		# 91
65) 4,6-Dinitro-2-methylphenol	10.42	198	1113	5.185	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	36682	4.059	ng	# 1

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

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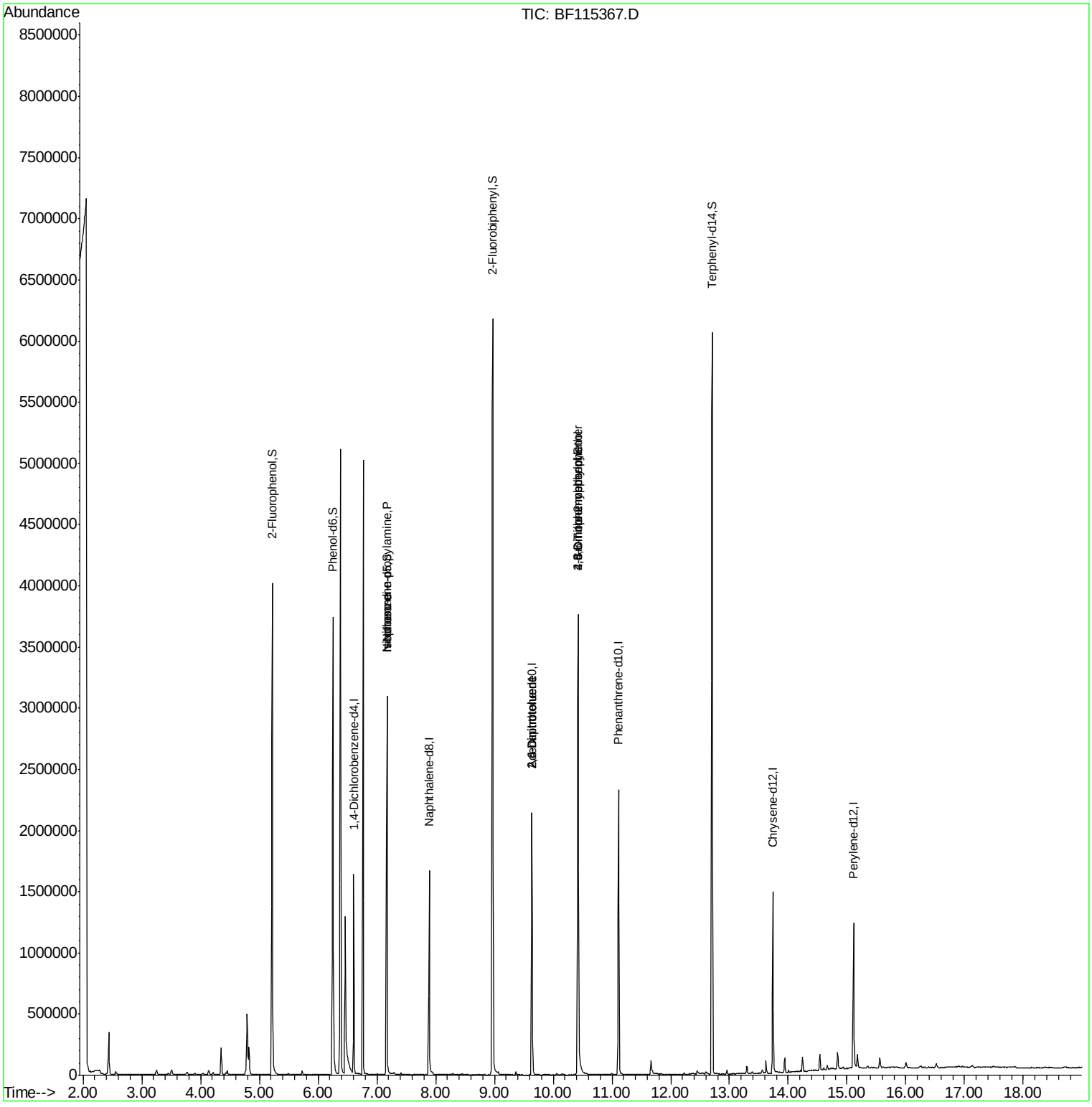
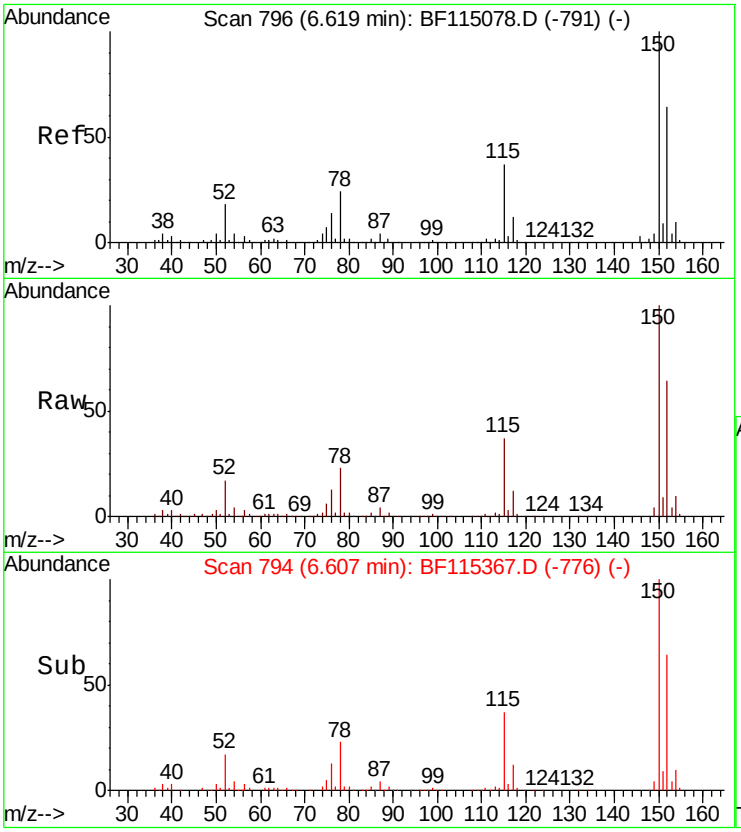


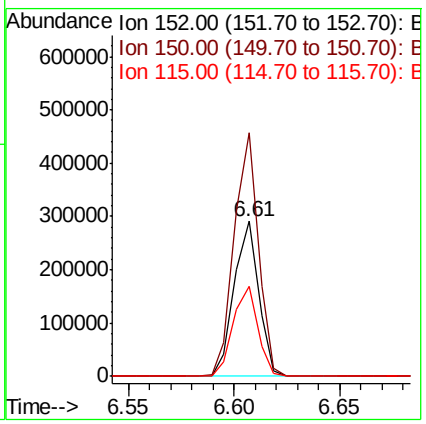


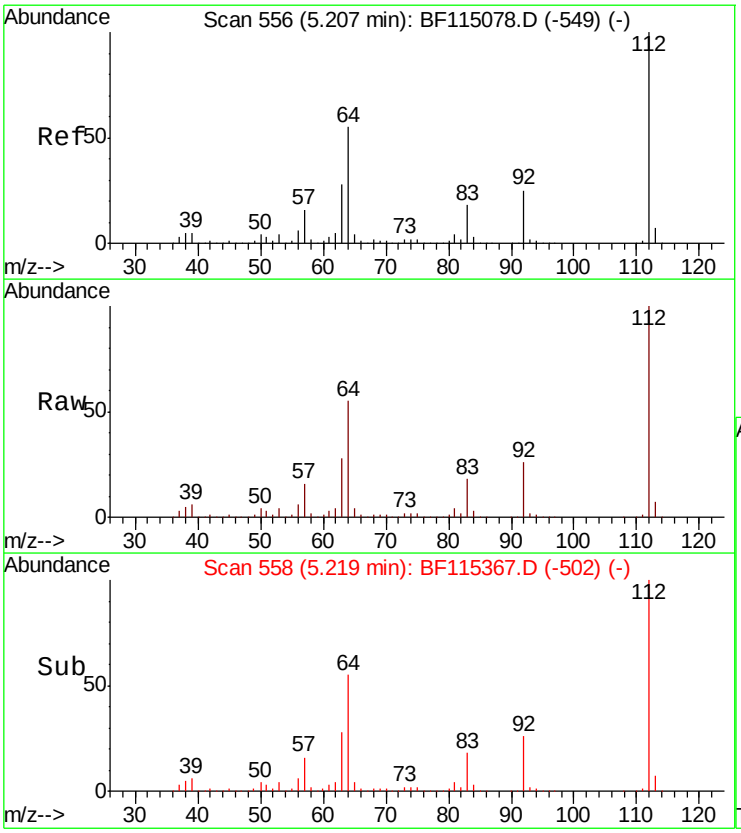
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:152 Resp: 232513

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	58.4	46.1	69.1

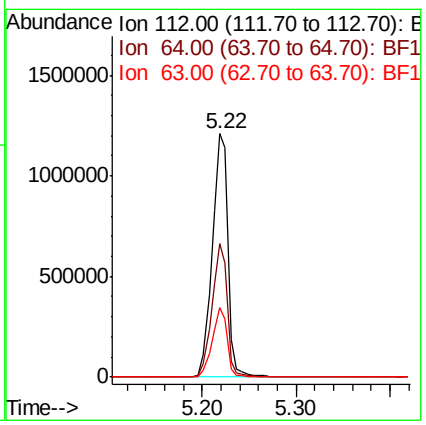


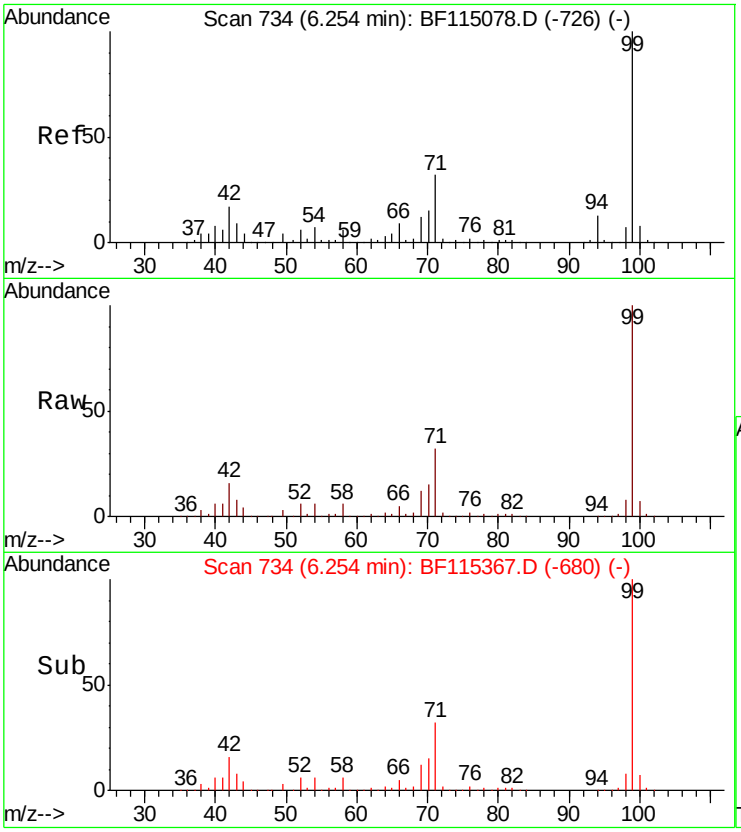


#5
2-Fluorophenol
Concen: 94.549 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.03 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:112 Resp: 1424594

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.6
63	28.3	22.2	33.4



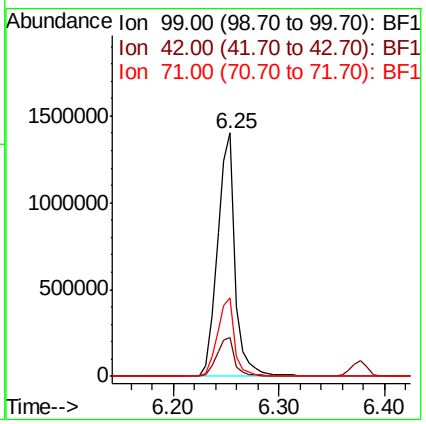


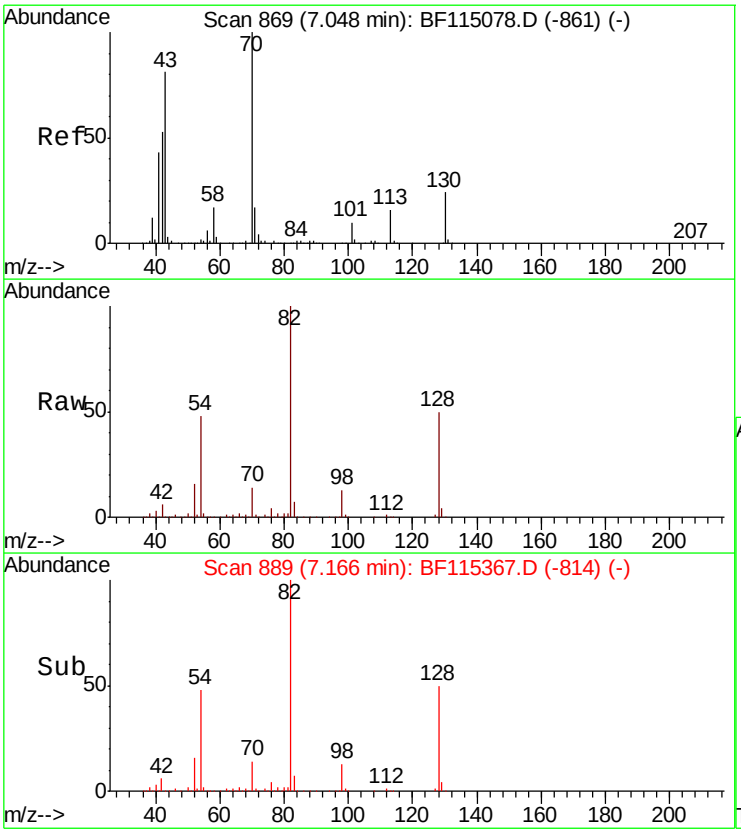
#7
Phenol-d6
Concen: 89.847 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion: 99 Resp: 1643114

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	32.4	25.5	38.3

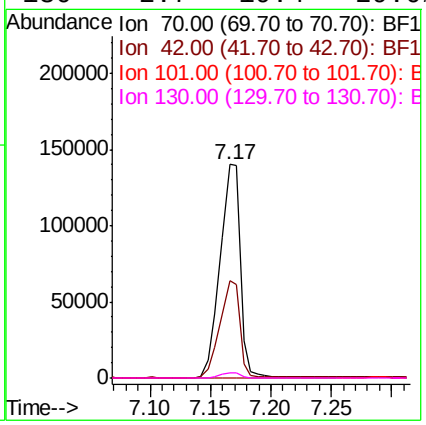


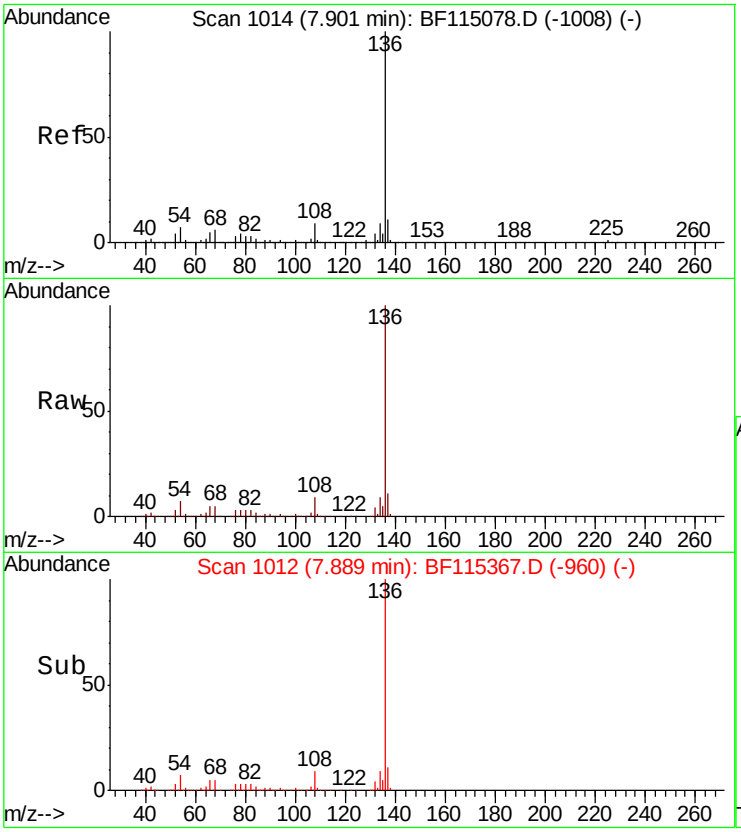


#19
n-Nitroso-di-n-propylamine
Concen: 14.043 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion: 70 Resp: 164423

Ion	Ratio	Lower	Upper
70	100		
42	45.4	42.6	63.8
101	0.0	8.0	12.0#
130	2.7	19.4	29.0#



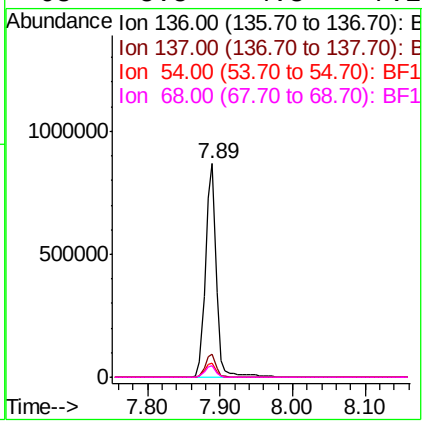


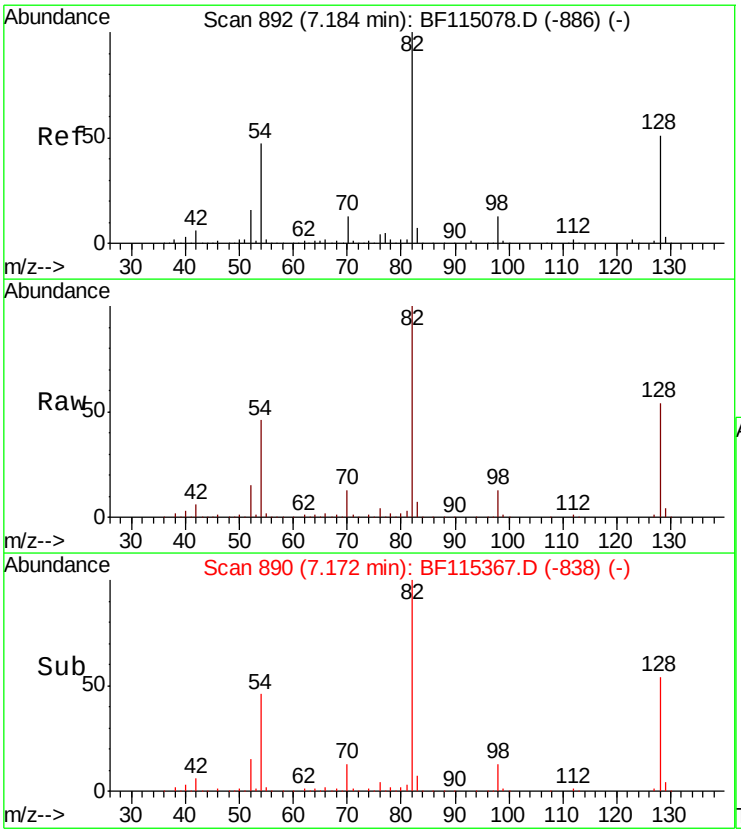
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:136 Resp: 899956

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.6	8.4
68	5.5	4.8	7.2

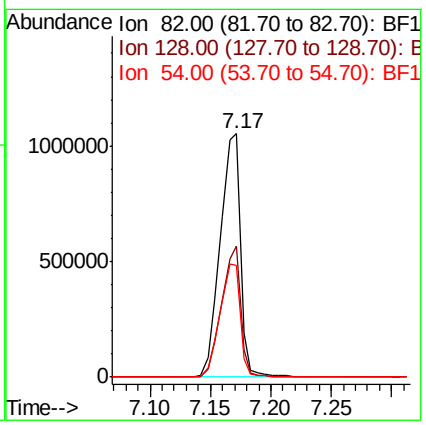


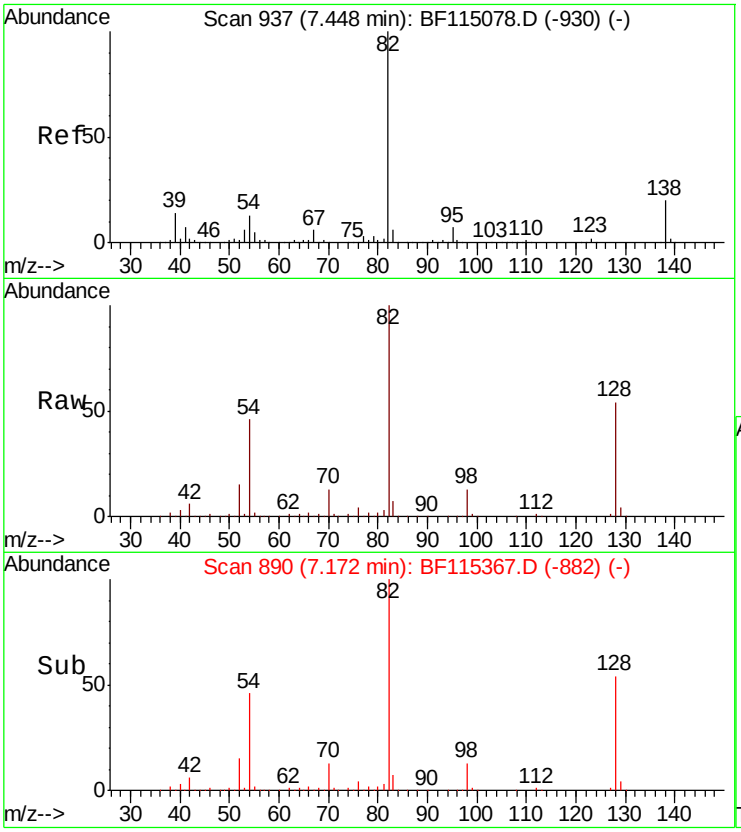


#23
Nitrobenzene-d5
Concen: 84.147 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion: 82 Resp: 1231055

Ion	Ratio	Lower	Upper
82	100		
128	53.7	40.4	60.6
54	45.9	37.5	56.3



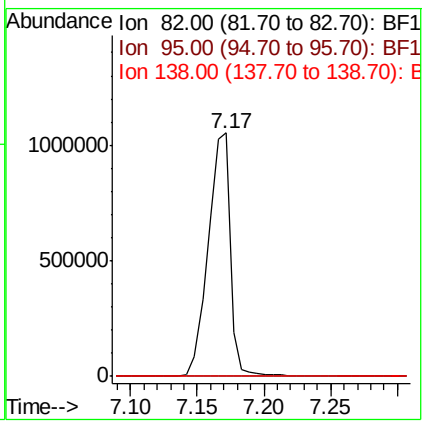


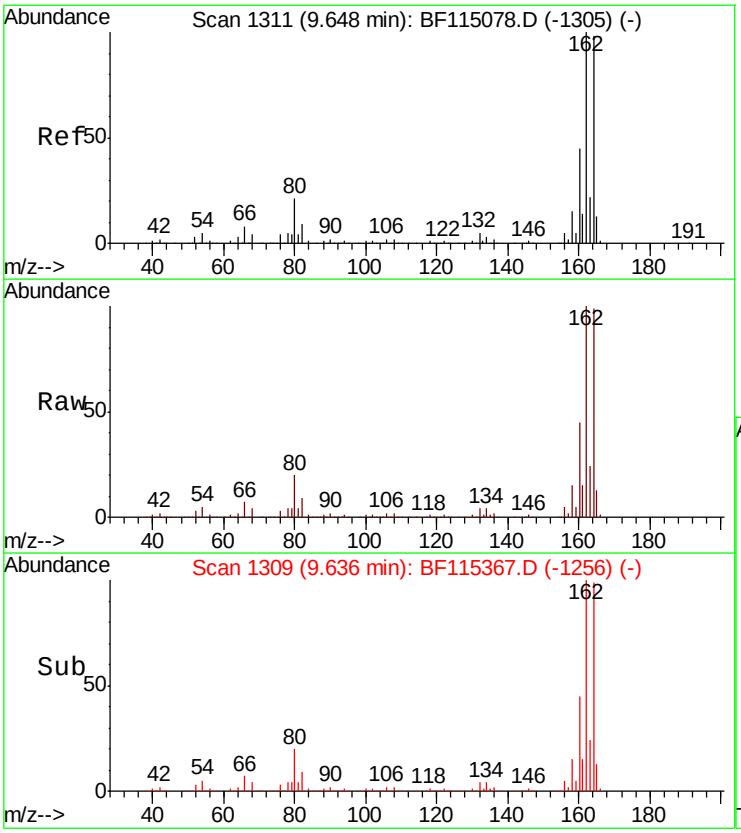
#25
Isophorone
Concen: 40.416 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.25 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion: 82 Resp: 1211244

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.9	23.9#

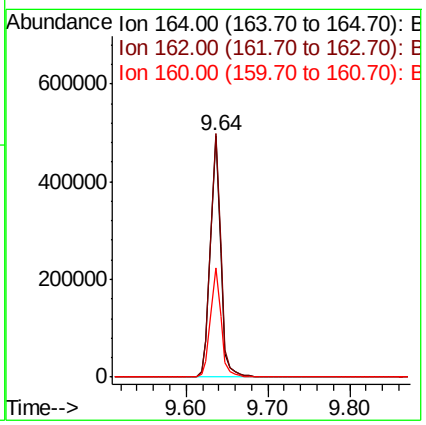


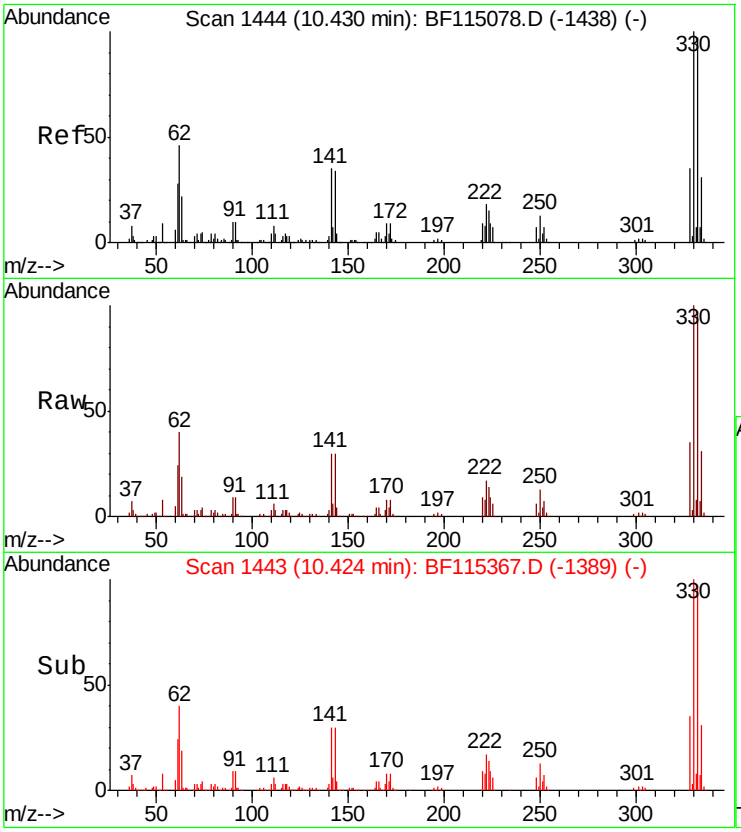


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:164 Resp: 432387

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	45.1	37.0	55.4



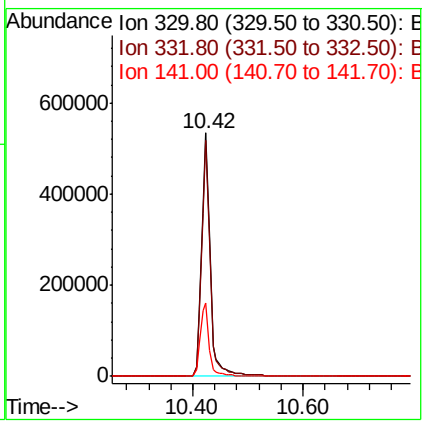


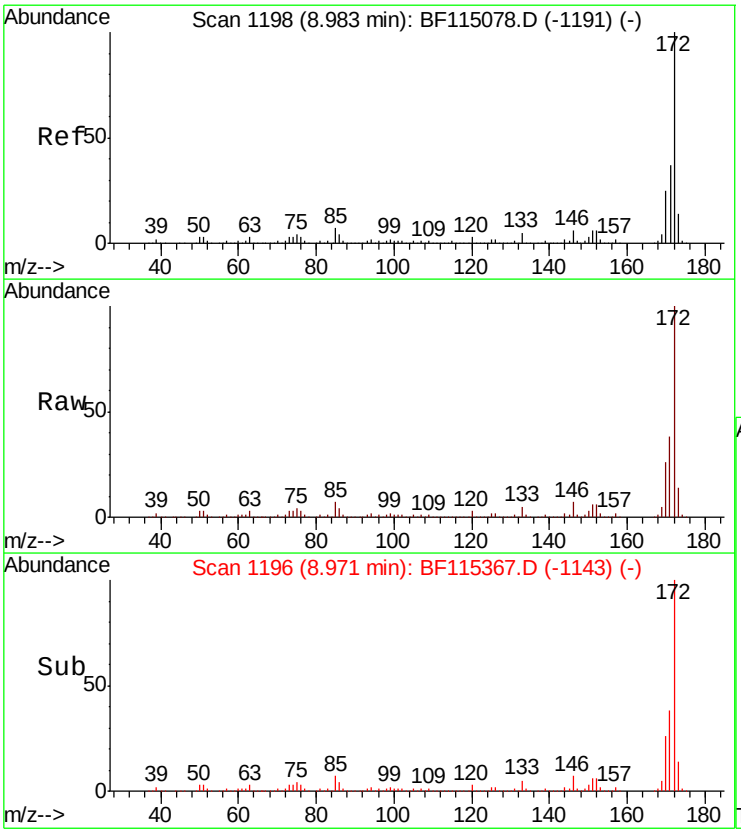
#42
2,4,6-Tribromophenol
Concen: 126.487 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:330 Resp: 576738

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	31.6	28.2	42.2

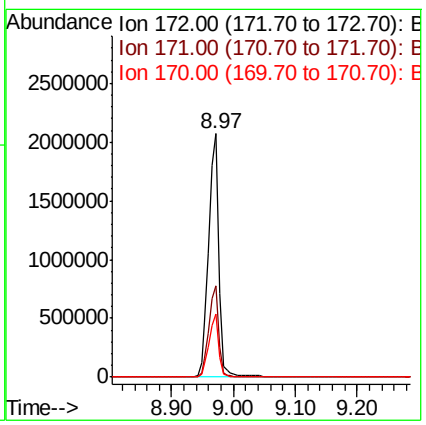


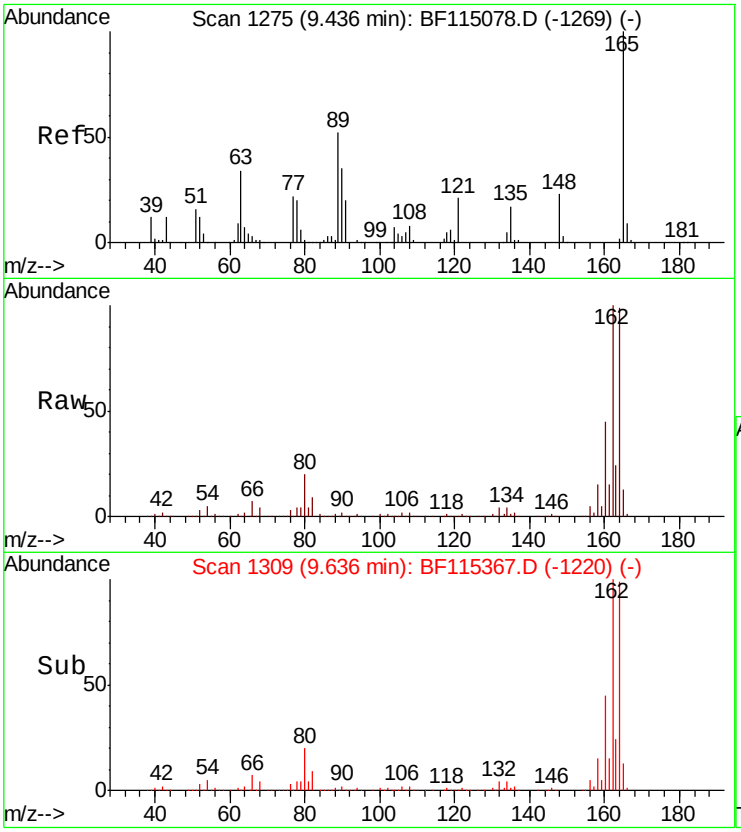


#45
2-Fluorobiphenyl
Concen: 91.391 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:172 Resp: 2326368

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.7	20.3	30.5



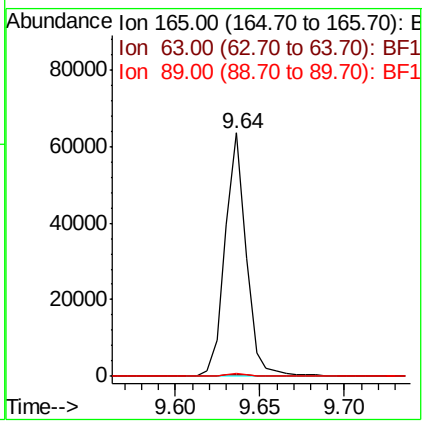


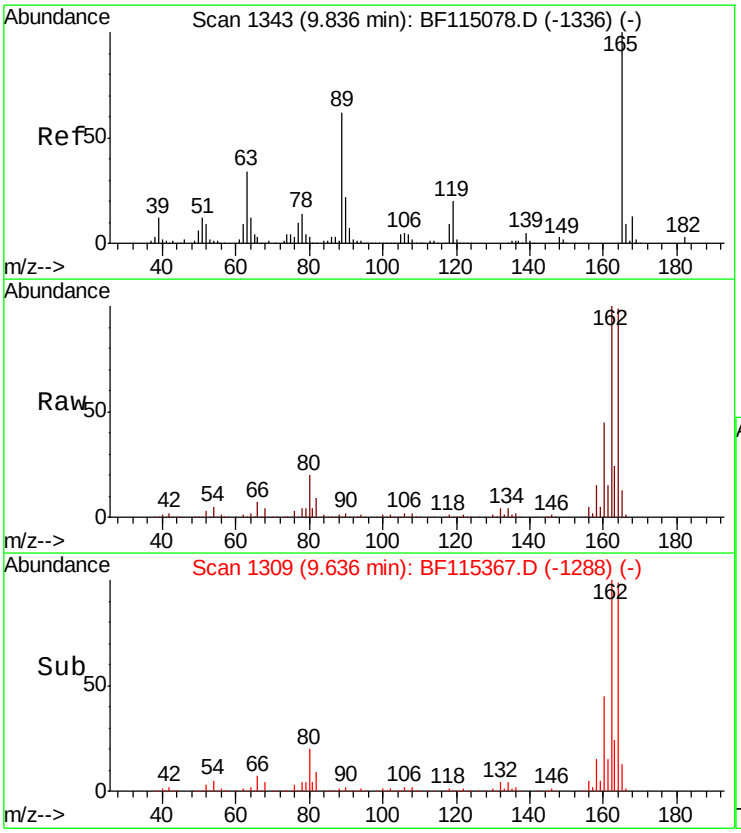
#51
2,6-Dinitrotoluene
Concen: 7.530 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.22 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:165 Resp: 55305

Ion	Ratio	Lower	Upper
165	100		
63	0.8	39.4	59.2#
89	1.2	42.0	63.0#

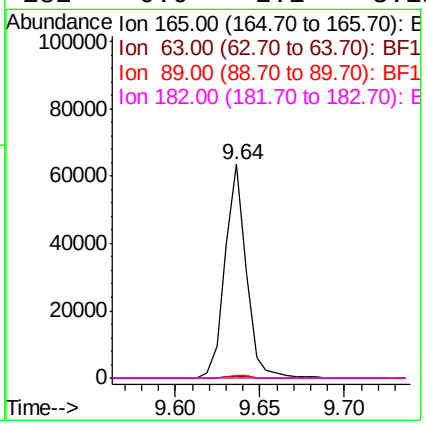


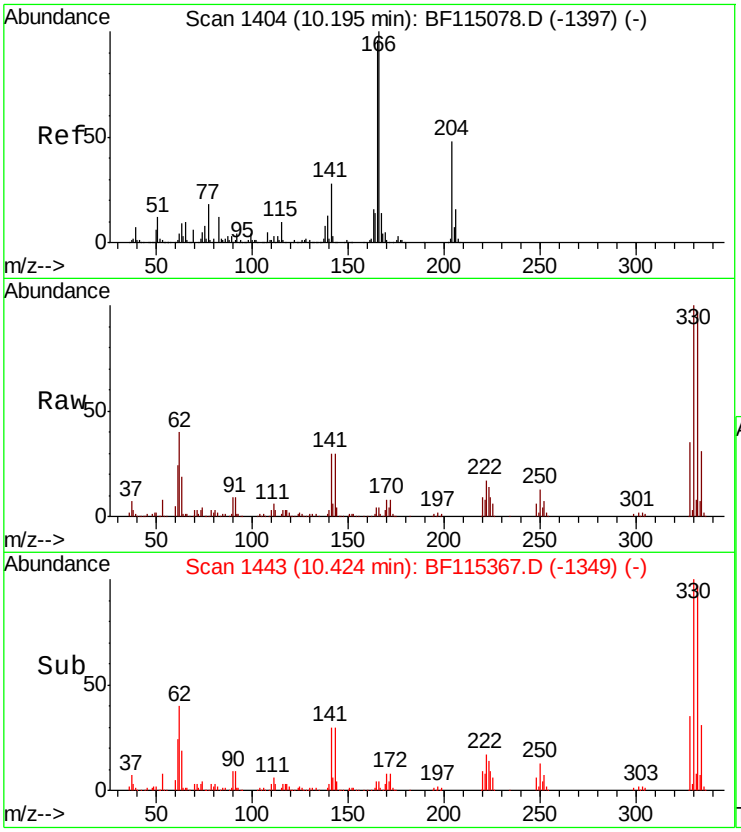


#57
2,4-Dinitrotoluene
Concen: 5.832 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.18 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:165 Resp: 55305

Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



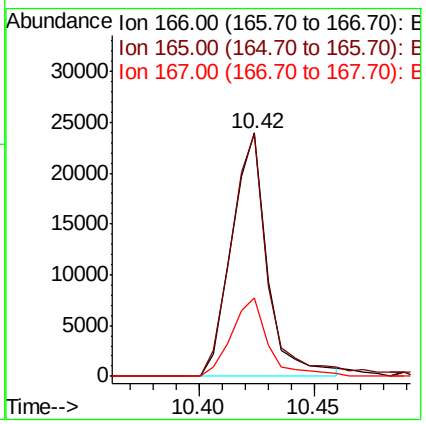


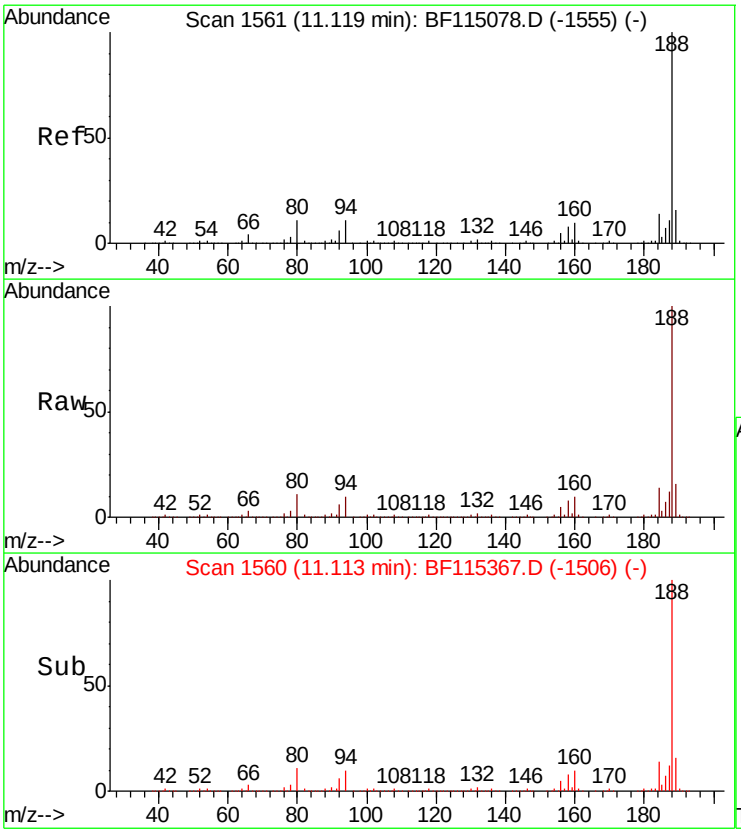
#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.25 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:166 Resp: 25837

Ion	Ratio	Lower	Upper
166	100		
165	99.8	76.5	114.7
167	32.0	11.0	16.4#

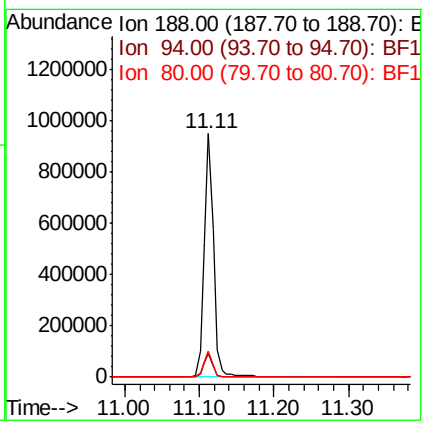


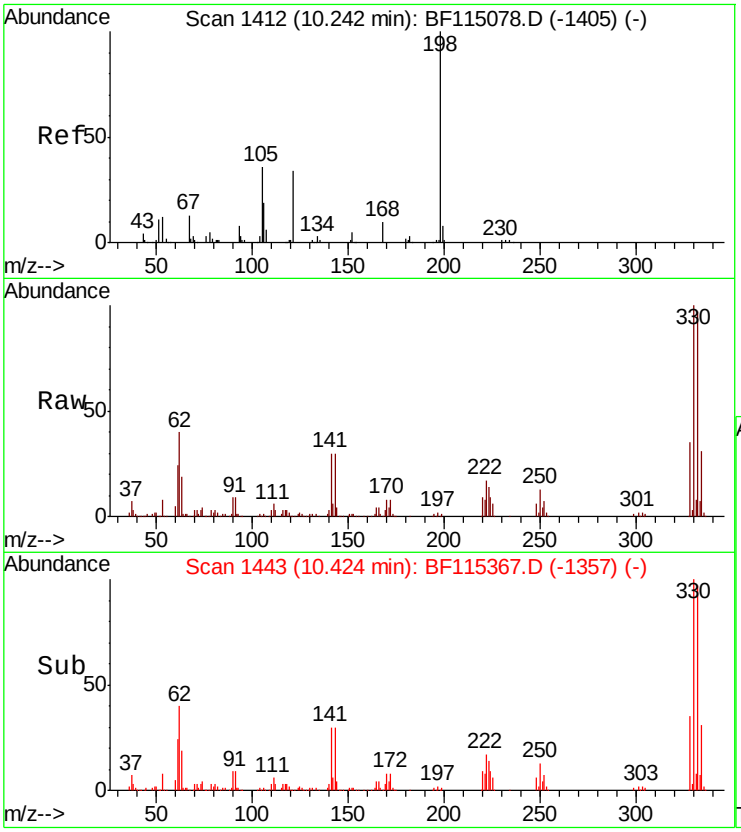


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:188 Resp: 833471

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.8	8.8	13.2



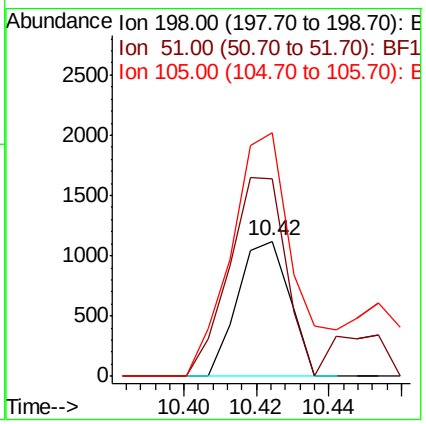


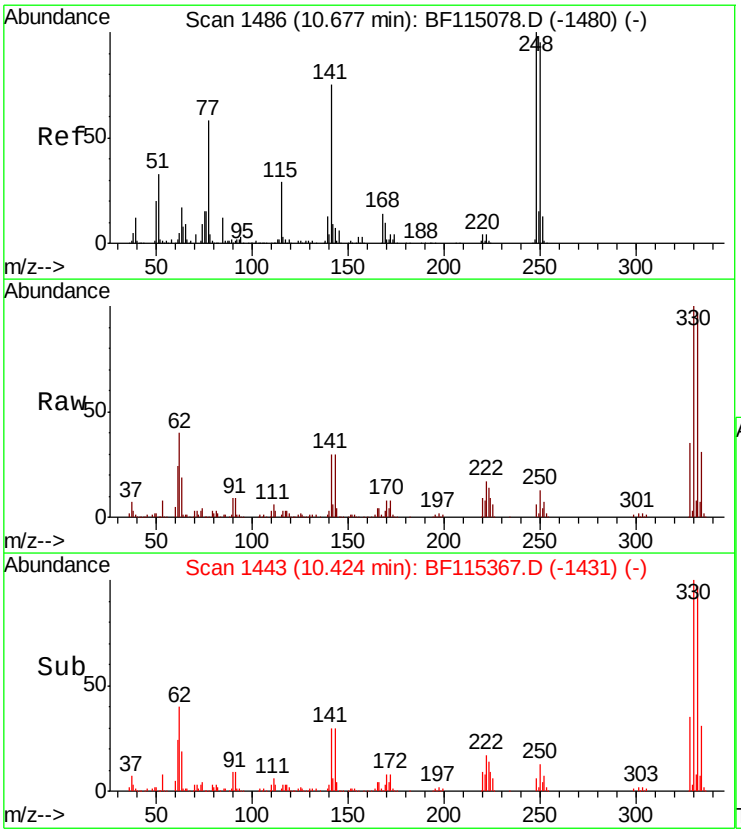
#65
4,6-Dinitro-2-methylphenol
Concen: 5.185 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.21 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:198 Resp: 1113

Ion	Ratio	Lower	Upper
198	100		
51	146.2	11.0	51.0#
105	179.9	17.3	57.3#

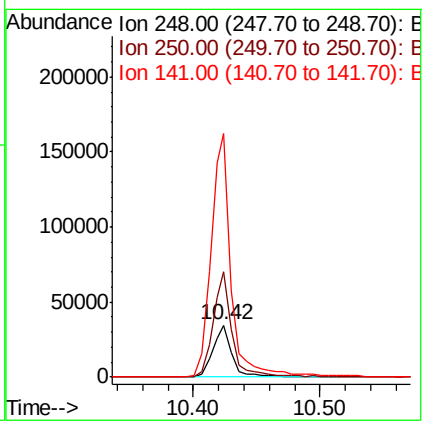


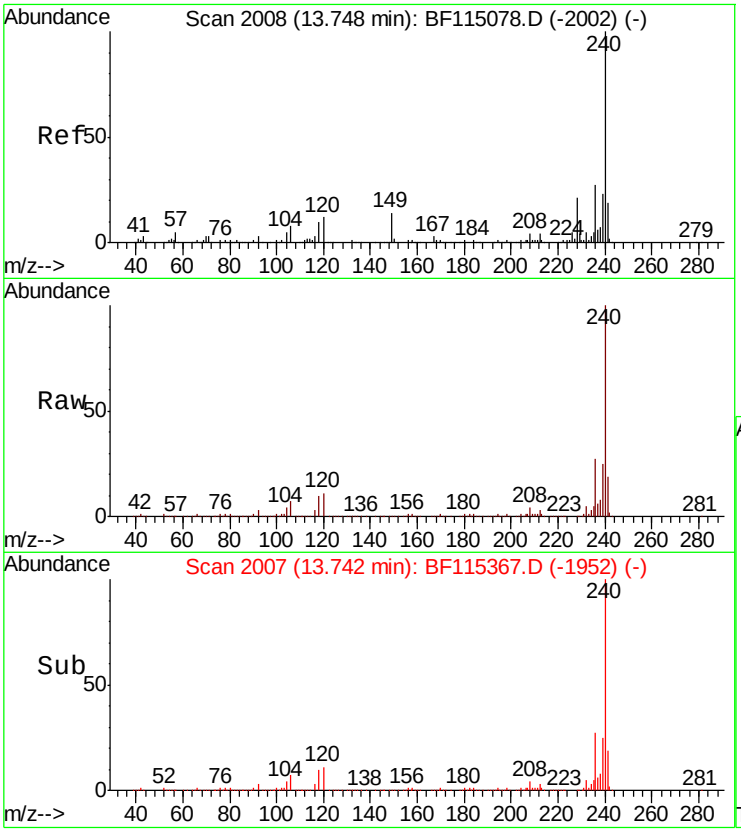


#67
4-Bromophenyl-phenylether
Concen: 4.059 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.23 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:248 Resp: 36682

Ion	Ratio	Lower	Upper
248	100		
250	202.3	76.2	114.2#
141	469.4	59.6	89.4#



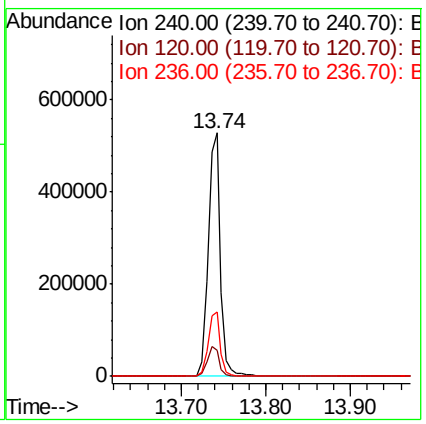


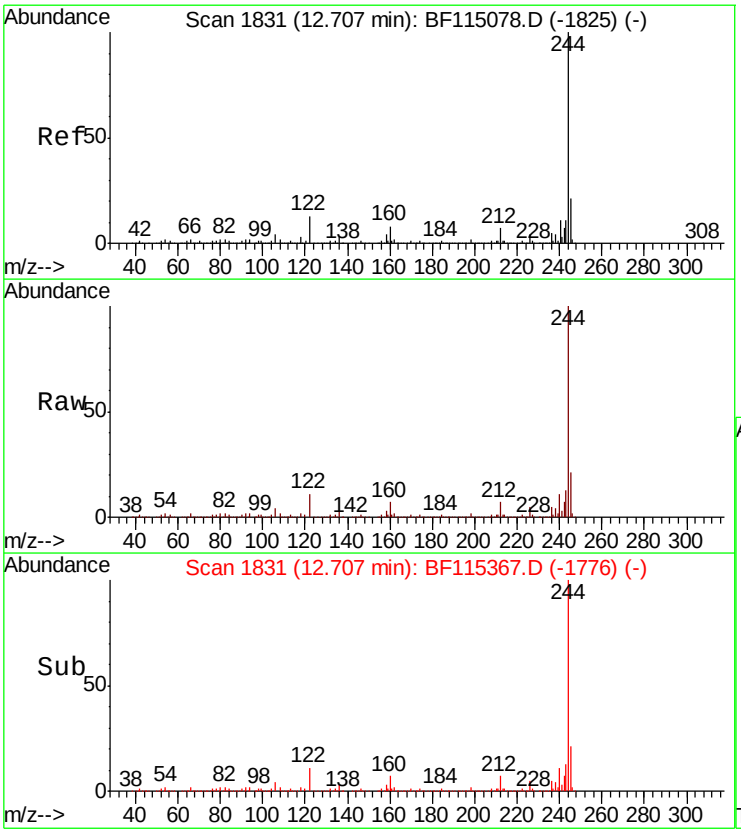
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:240 Resp: 536370

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.2
236	26.7	21.7	32.5

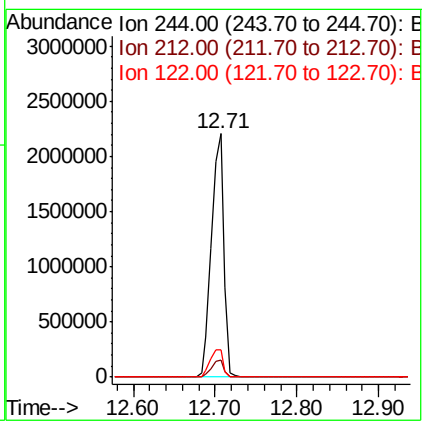


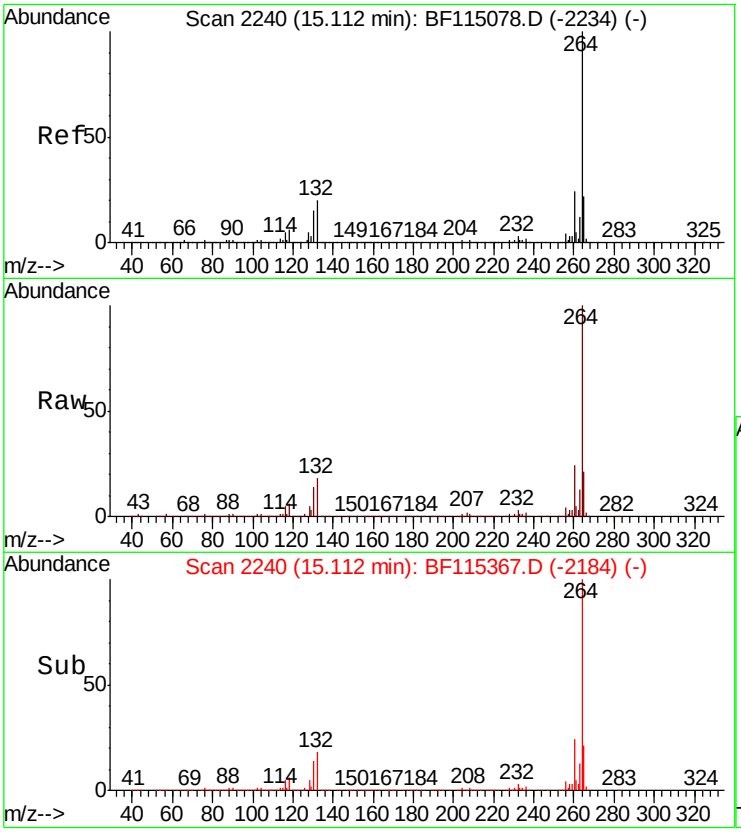


#79
Terphenyl-d14
Concen: 92.823 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:244 Resp: 2341675

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.4	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tgt Ion:264 Resp: 547786

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.1	17.3	25.9