Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
Data File : BF113264.D
Acq On : 24 Mar 2019 13:26
Operator : JU/SJ
Sample : K2058-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3B(5-15)COMP

Quant Time: Mar 25 04:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150307	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	572918	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	289865	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	620913	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	591339	20.00	ng		-0.01
87) Perylene-d12	15.26	264	493508	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1158278	119.87	ng		-0.01
7) Phenol-d6	6.37	99	1589232	130.93	ng		0.00
23) Nitrobenzene-d5	7.27	82	926085	96.72	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	541095	175.84	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1646844	98.10	ng		-0.02
79) Terphenyl-d14	12.81	244	2013212	66.00	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	105347	7.438	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	122414	15.924	ng	#	76
25) Isophorone	7.27	82	926074	44.897	ng	#	66
50) Dimethylphthalate	9.46	163	134959	6.314	ng		99
57) 2,4-Dinitrotoluene	9.75	165	37087	6.704	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.53	198	754	4.880	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	29913	4.574	ng	#	1

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
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BNA_F
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S3B(5-15)COMP

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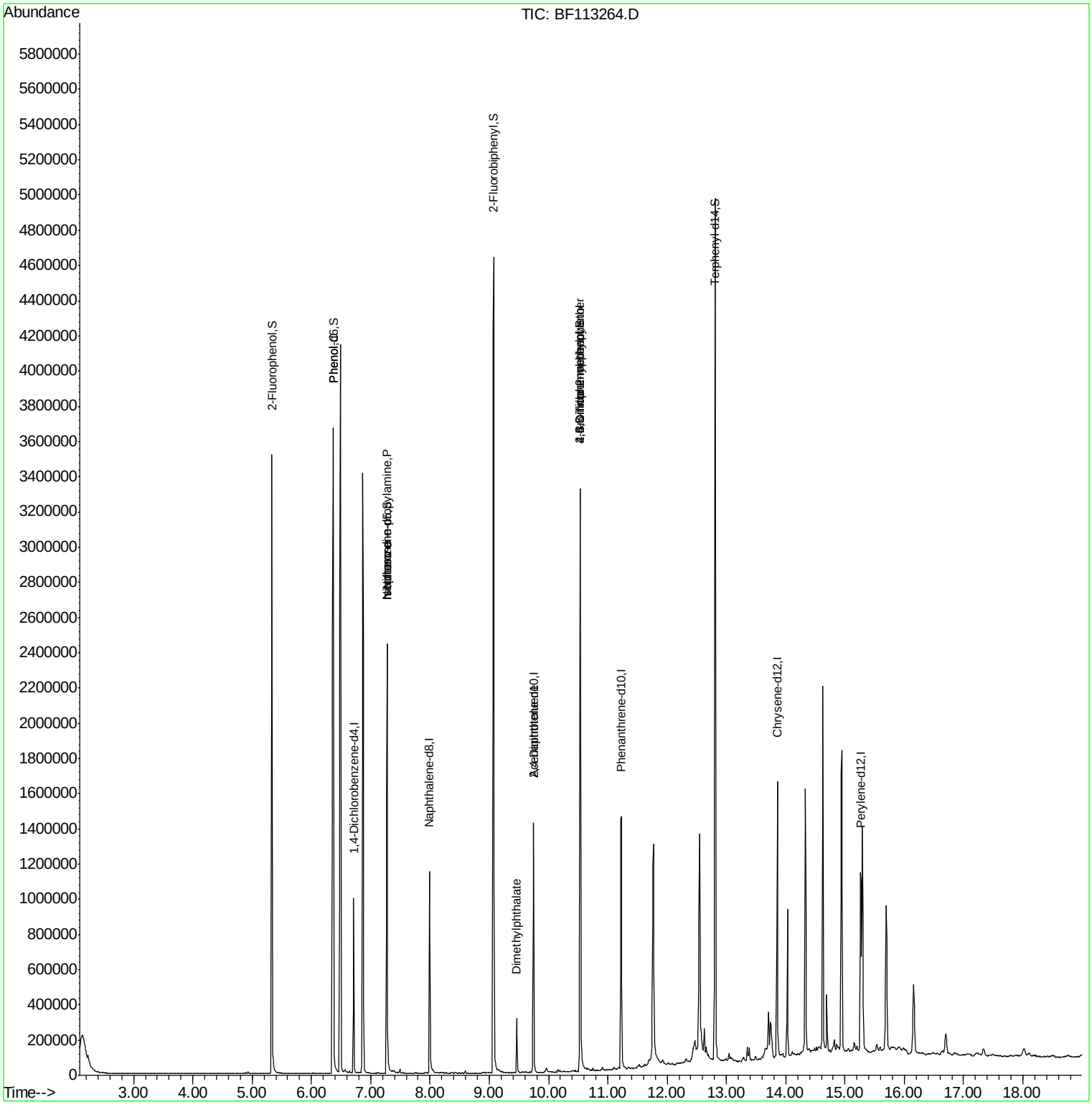
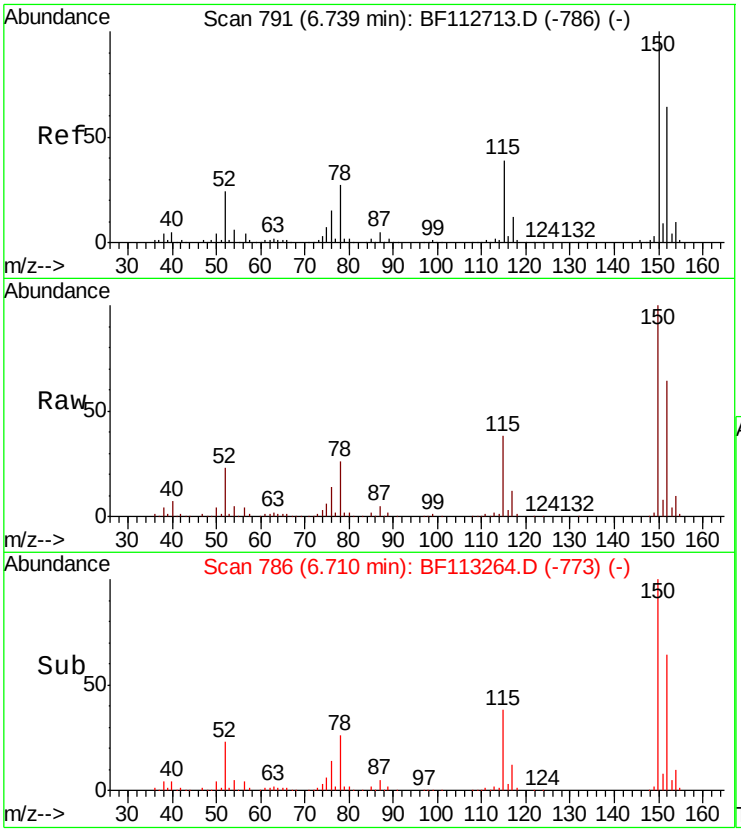


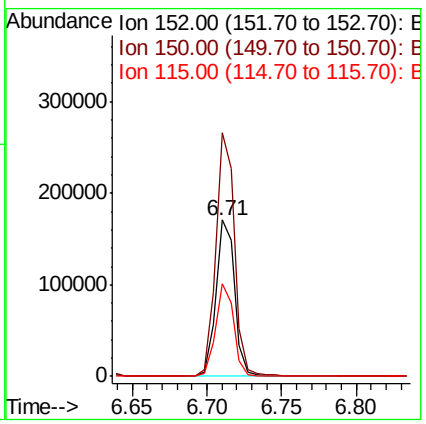


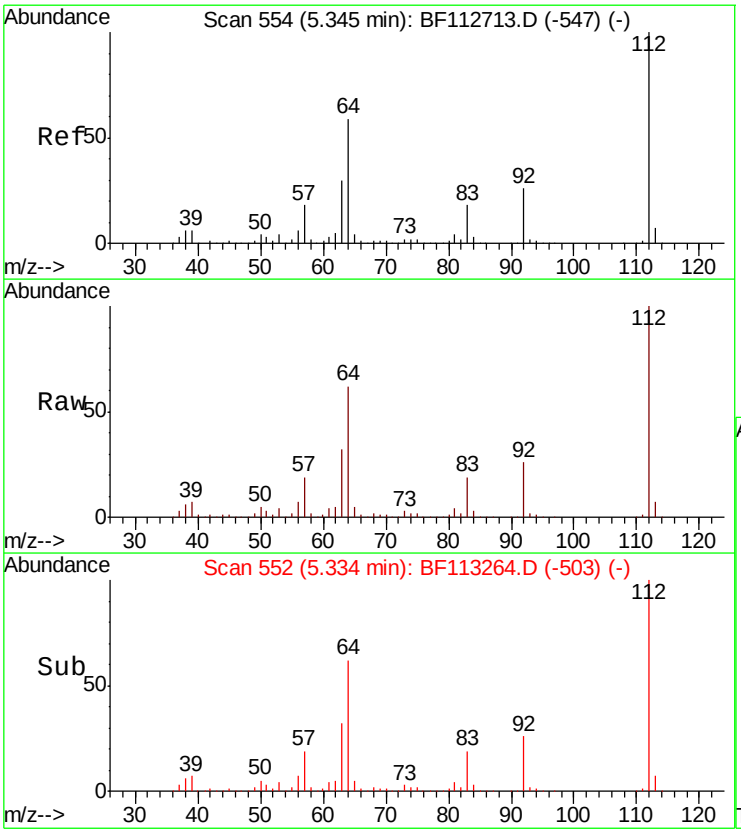
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:152 Resp: 150307

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	59.3	48.2	72.4

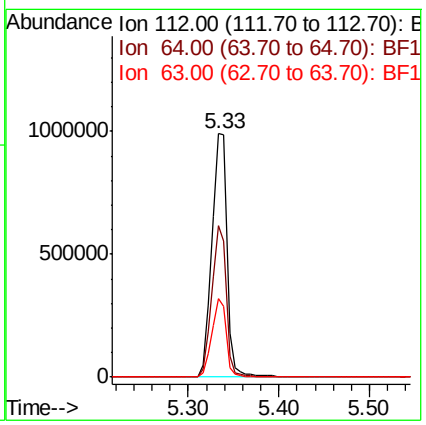


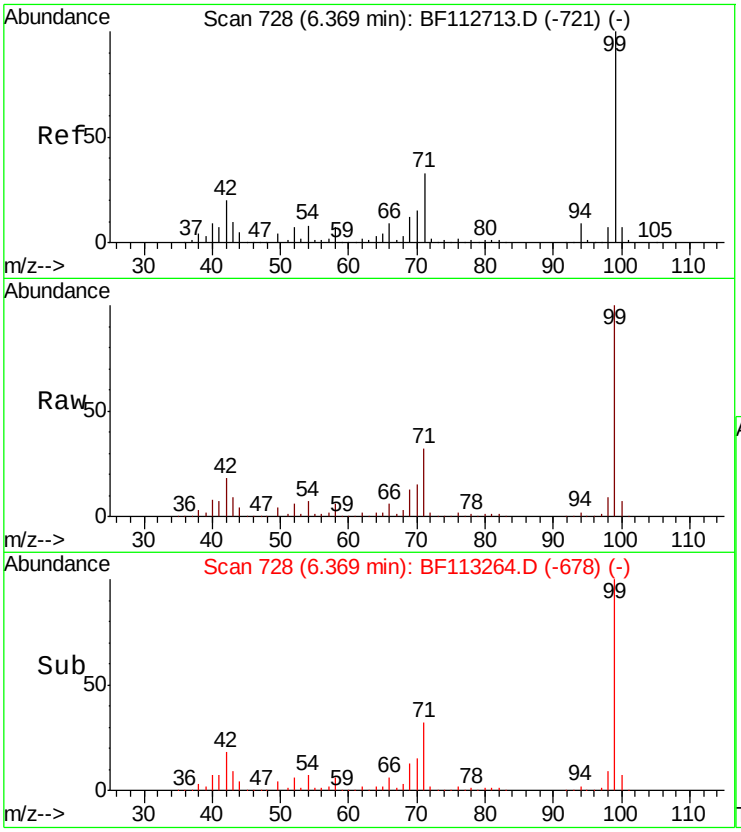


#5
2-Fluorophenol
Concen: 119.871 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:112 Resp: 1158278

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.6	71.4
63	32.0	24.4	36.6



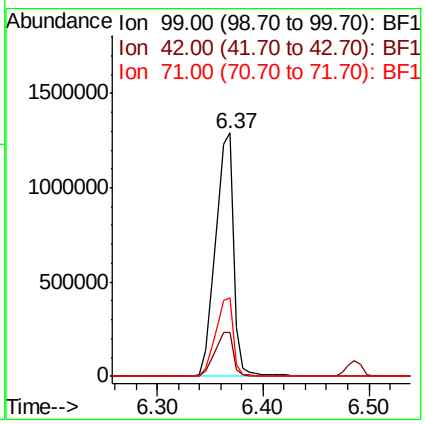


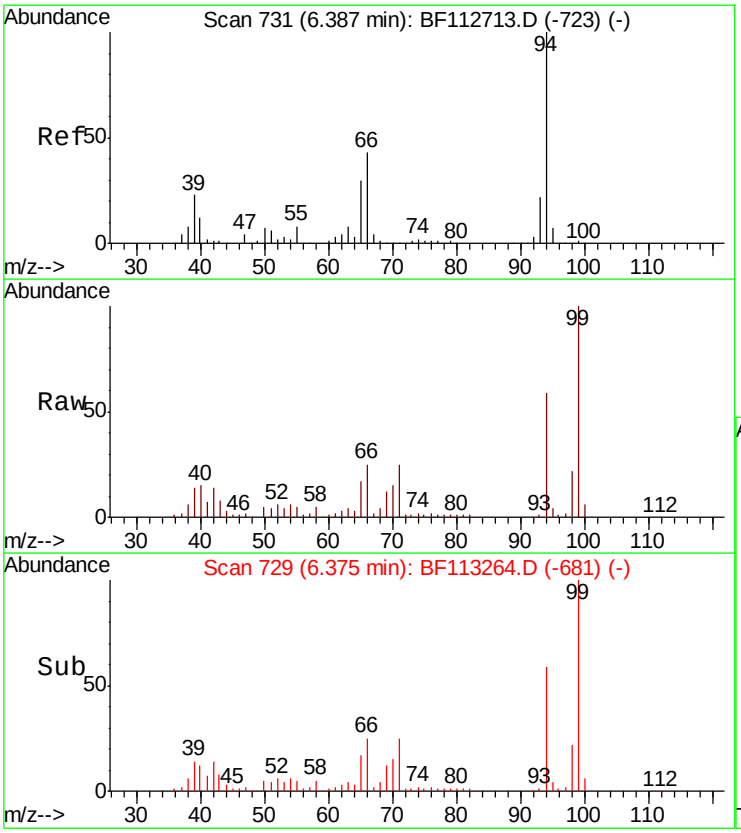
#7
Phenol-d6
Concen: 130.931 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 99 Resp: 1589232

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	32.1	26.2	39.4

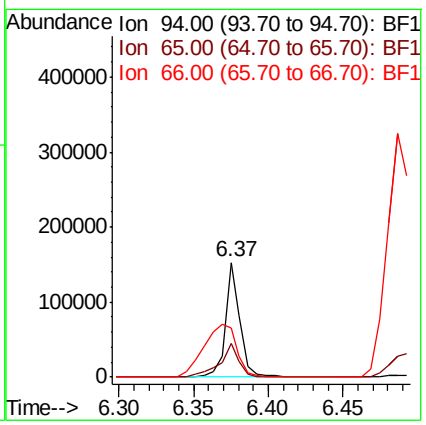


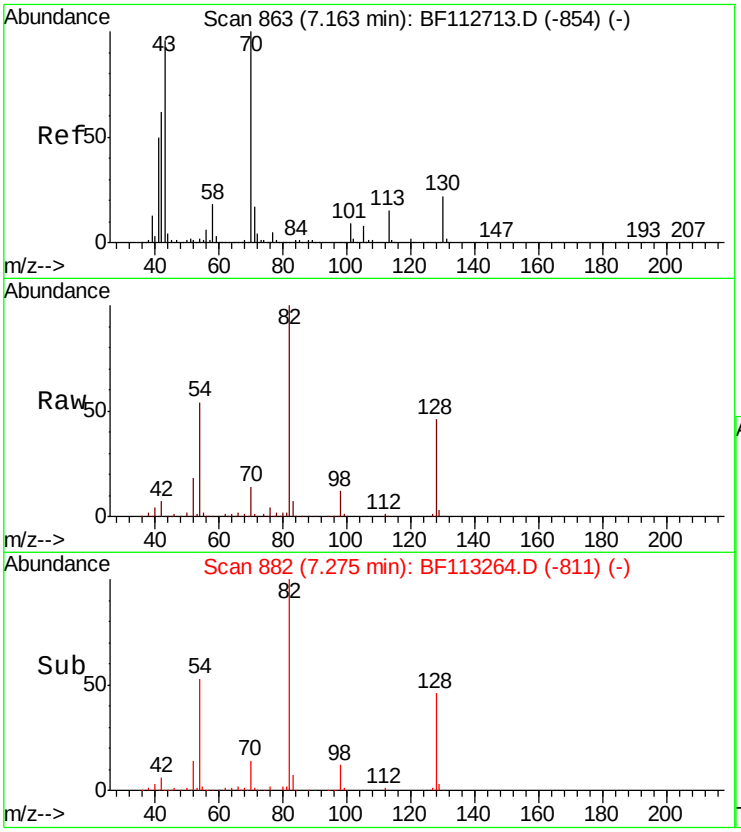


#10
Phenol
Concen: 7.438 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion: 94 Resp: 105347

Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.5	50.5
66	42.9	22.6	62.6



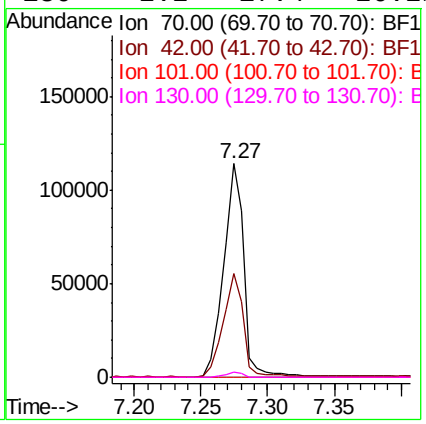


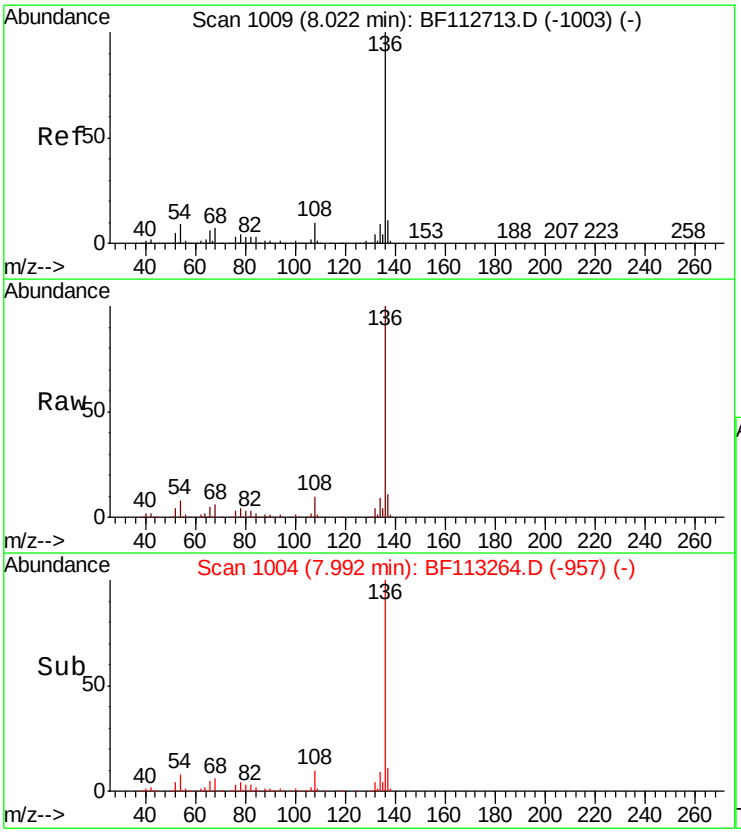
#19
n-Nitroso-di-n-propylamine
Concen: 15.924 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 70 Resp: 122414

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#

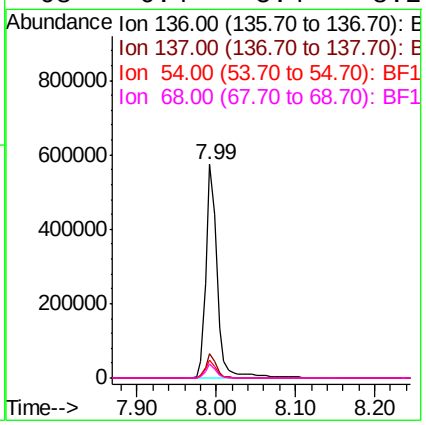


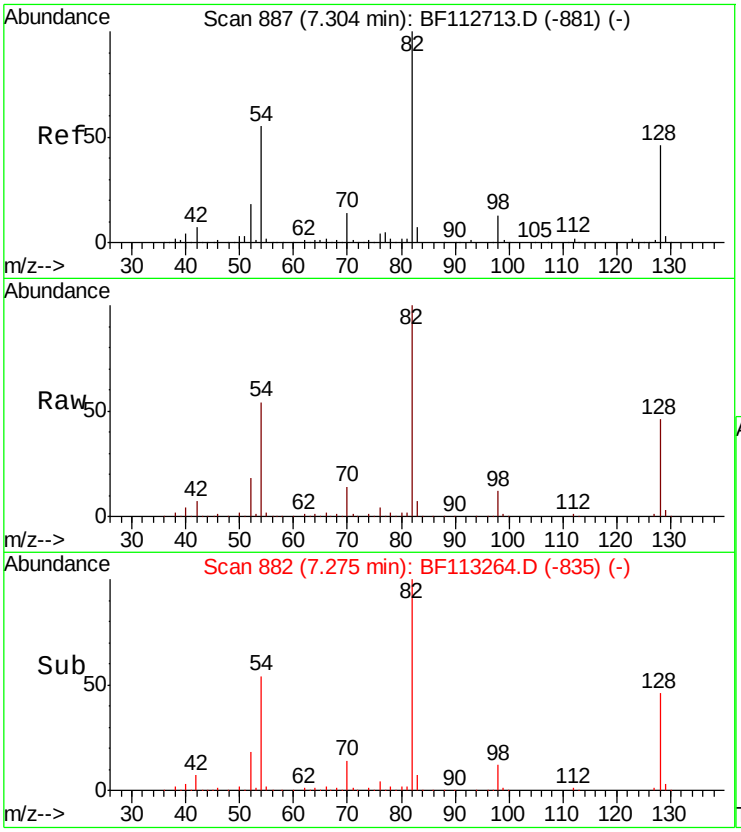


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:136 Resp: 572918

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.3	7.3	10.9
68	6.4	5.4	8.2



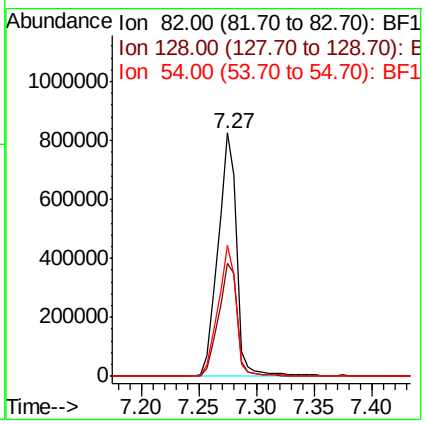


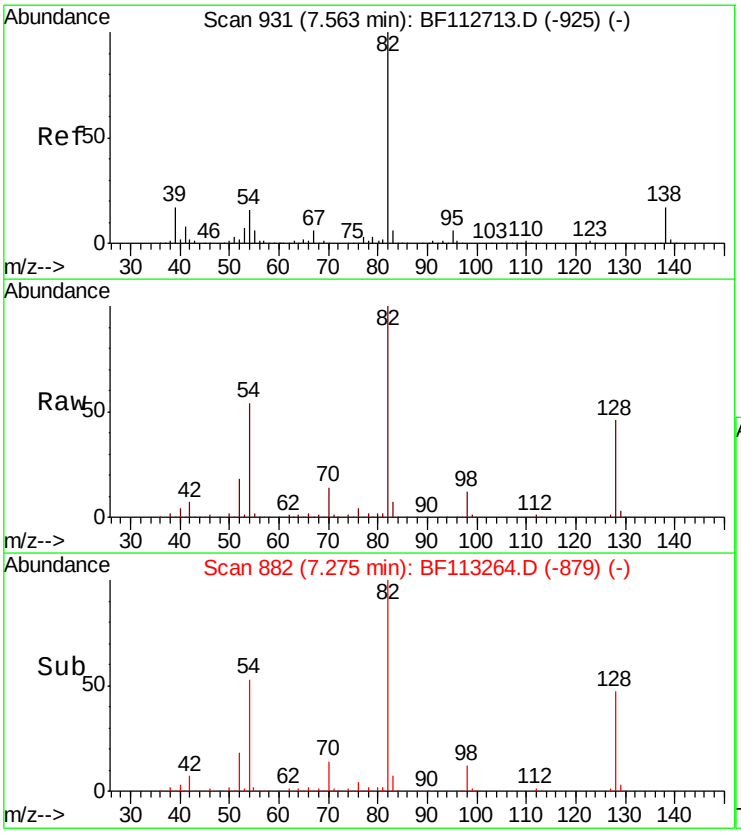
#23
Nitrobenzene-d5
Concen: 96.724 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 82 Resp: 926085

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	53.7	43.7	65.5

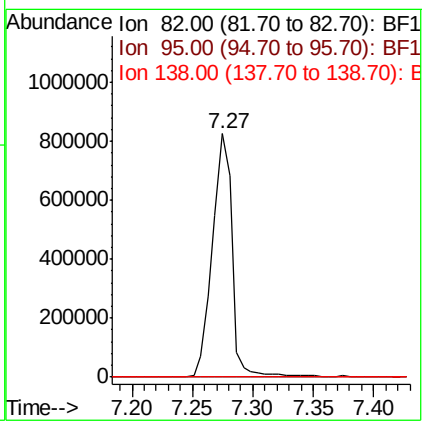


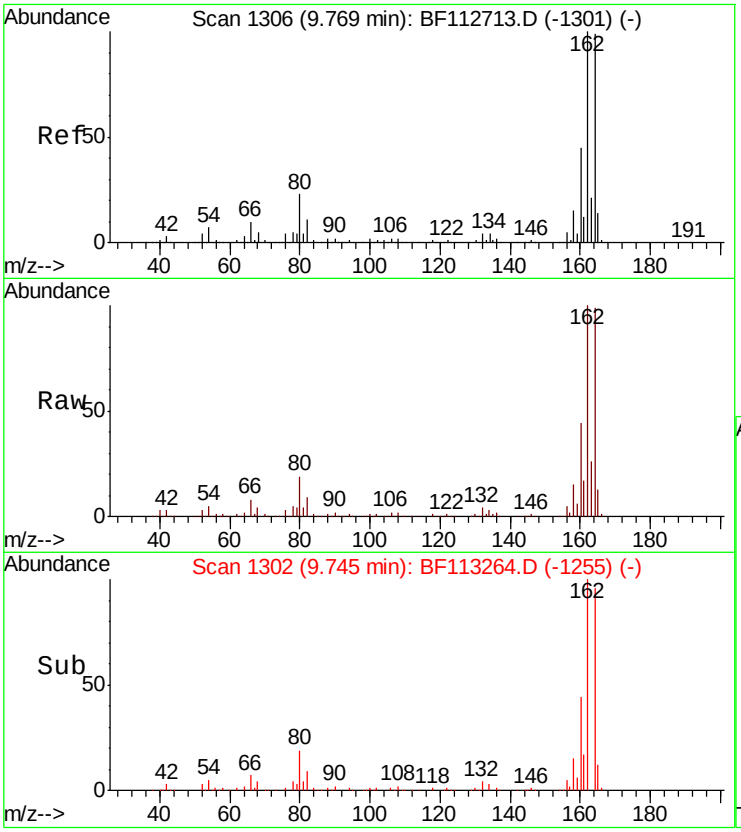


#25
Isophorone
Concen: 44.897 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion: 82 Resp: 926074

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



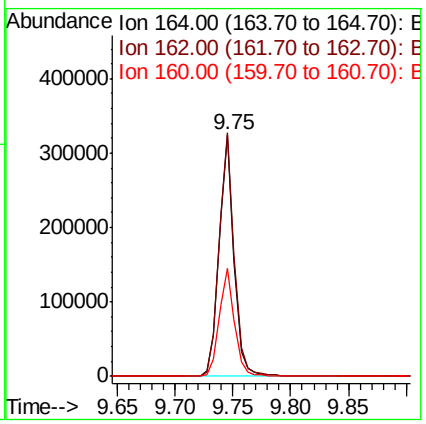


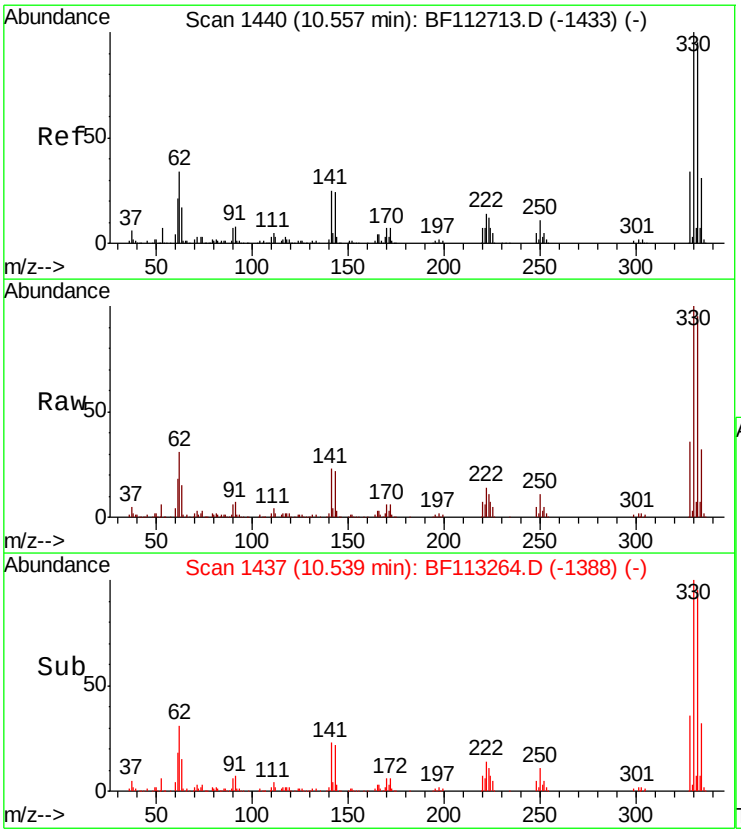
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:164 Resp: 289865

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	44.6	36.0	54.0

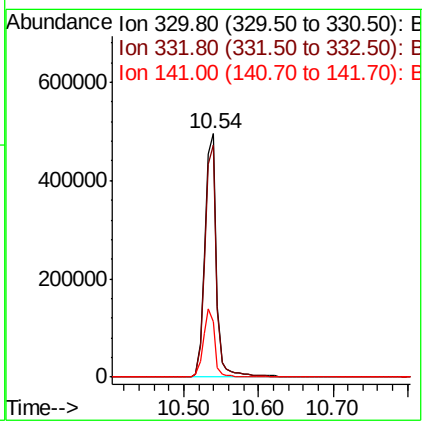


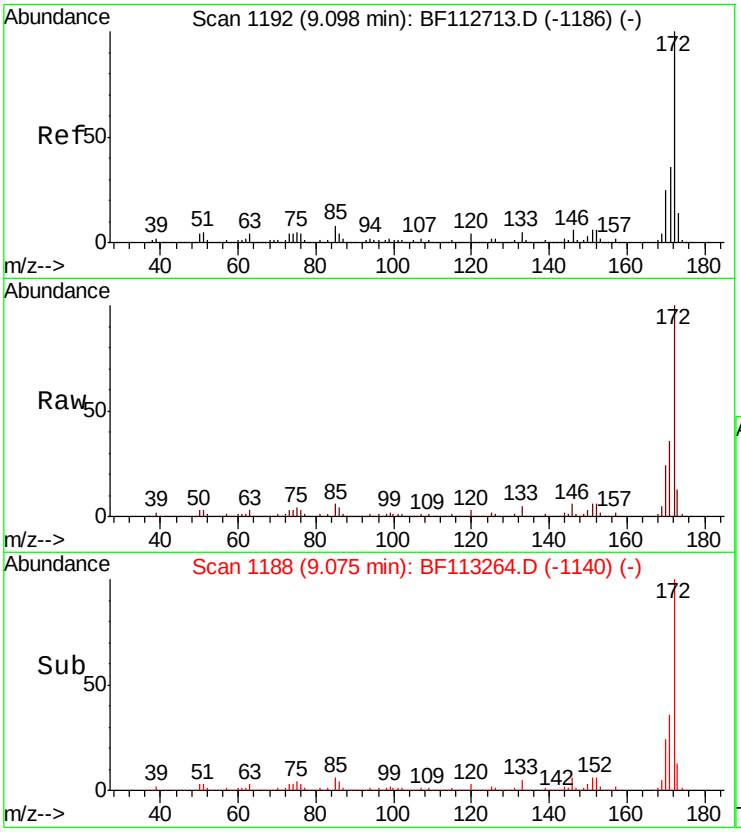


#42
2,4,6-Tribromophenol
Concen: 175.835 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:330 Resp: 541095

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	27.9	27.0	40.6



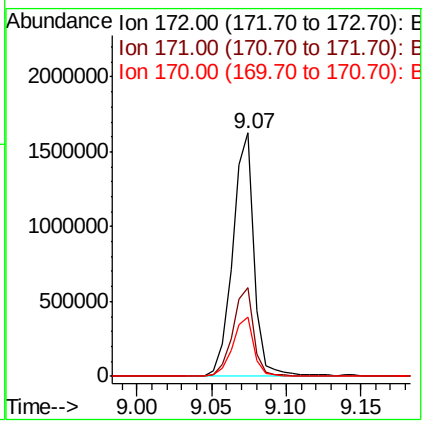


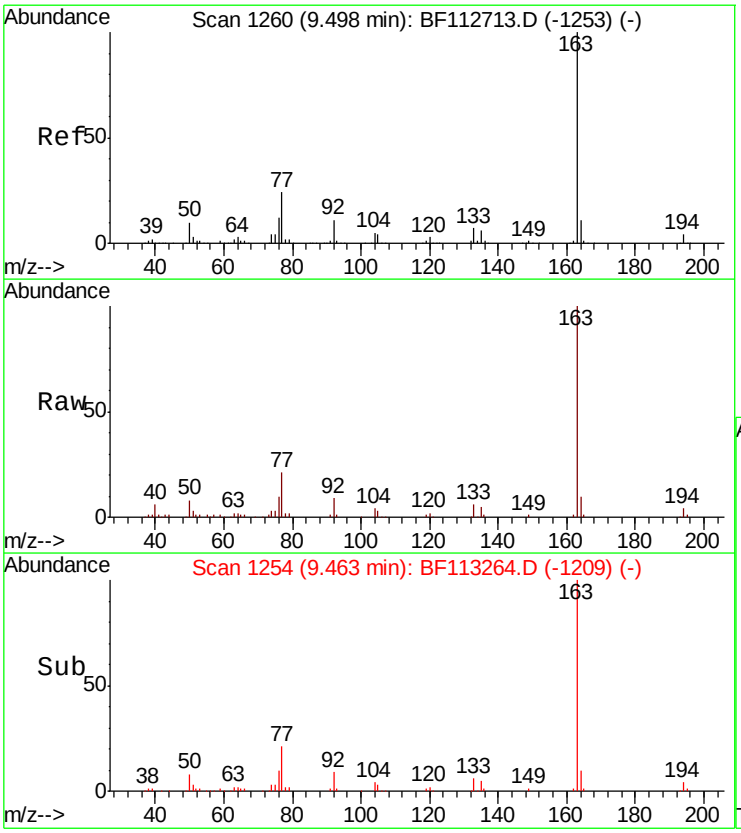
#45
2-Fluorobiphenyl
Concen: 98.097 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:172 Resp: 1646844

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	20.0	30.0

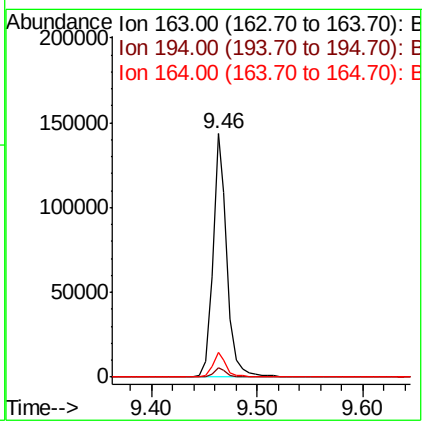


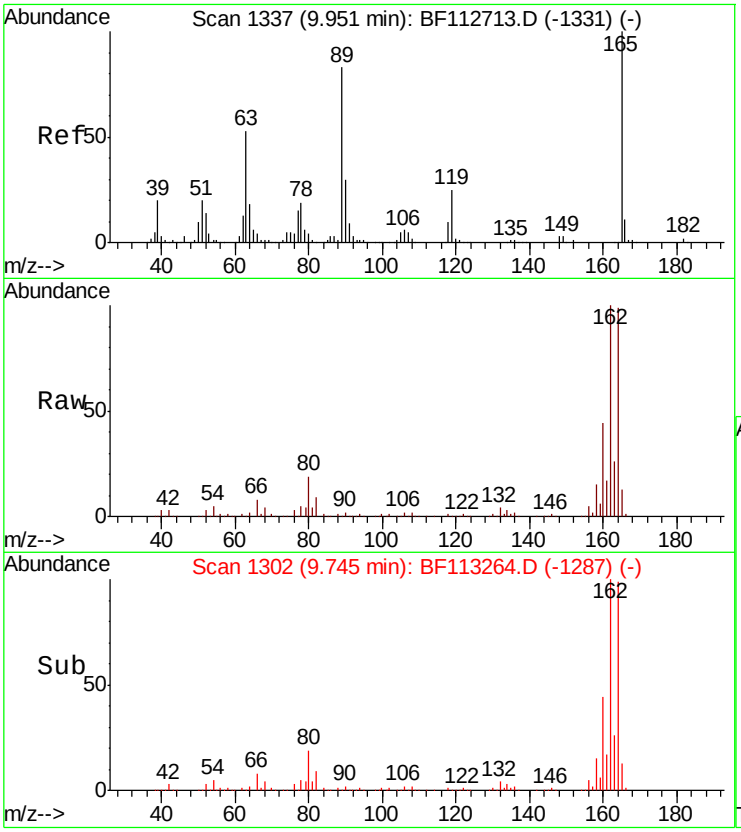


#50
Dimethylphthalate
Concen: 6.314 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:163 Resp: 134959

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	8.4	12.6



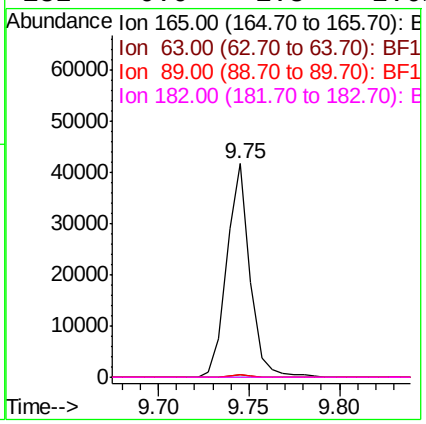


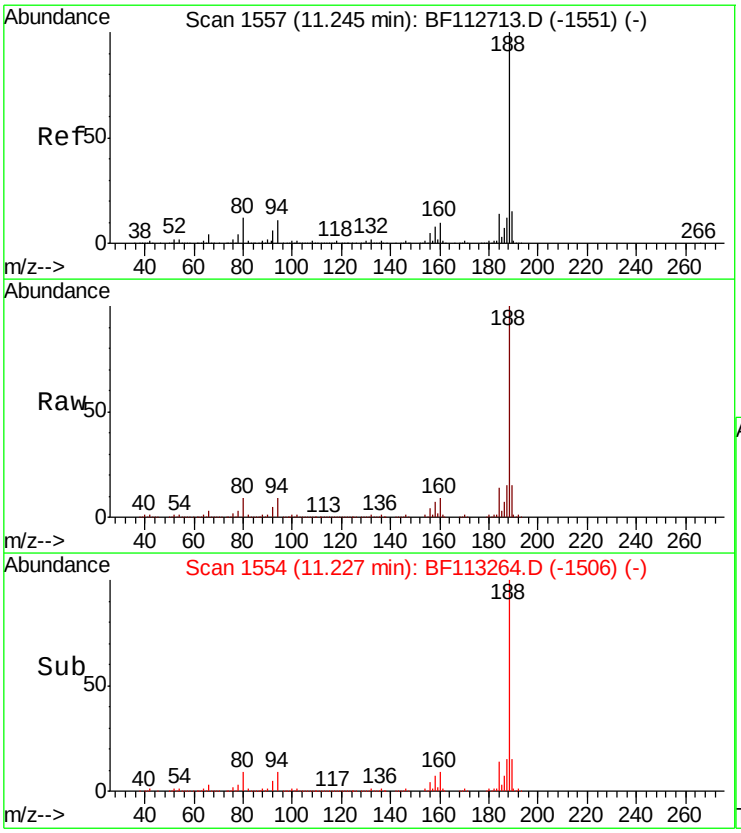
#57
2,4-Dinitrotoluene
Concen: 6.704 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:165 Resp: 37087

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#

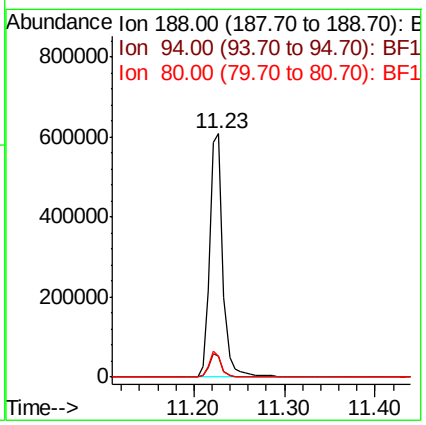


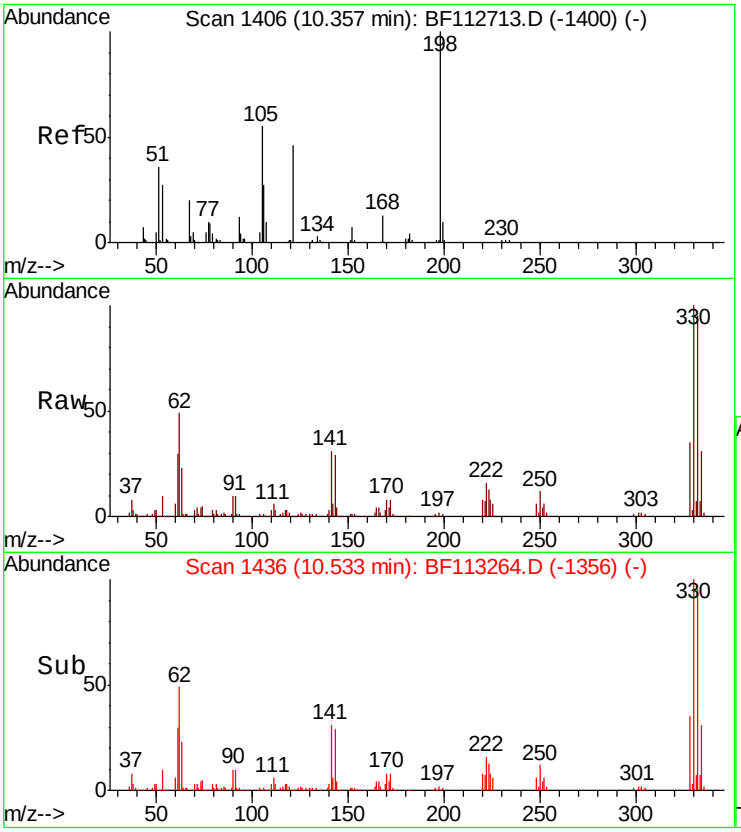


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:188 Resp: 620913

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.8	9.2	13.8#



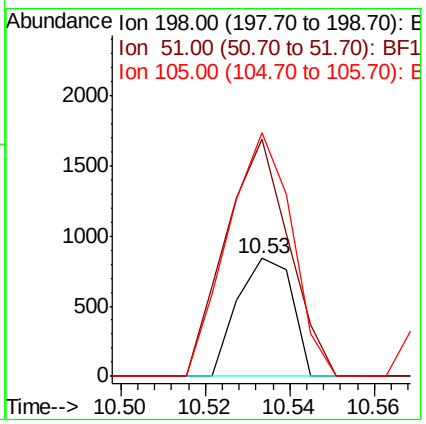


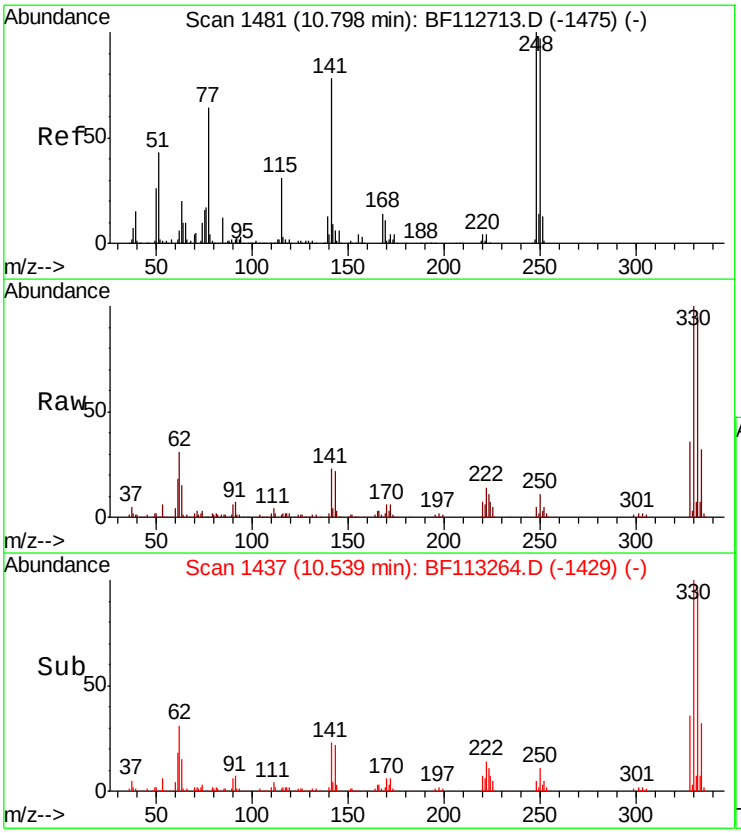
#65
4,6-Dinitro-2-methylphenol
Concen: 4.880 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:198 Resp: 754

Ion	Ratio	Lower	Upper
198	100		
51	201.1	43.8	83.8#
105	206.7	36.5	76.5#

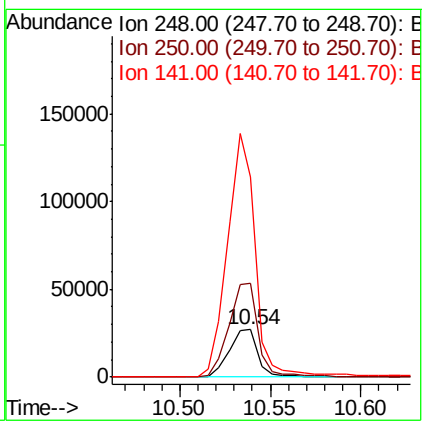


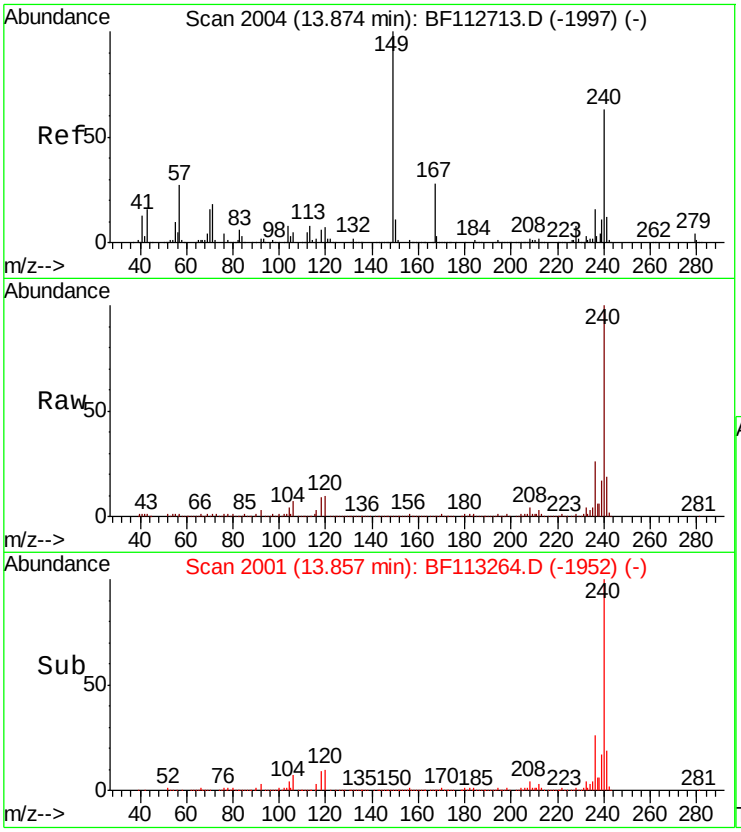


#67
4-Bromophenyl-phenylether
Concen: 4.574 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:248 Resp: 29913

Ion	Ratio	Lower	Upper
248	100		
250	198.8	77.5	116.3#
141	420.4	62.4	93.6#



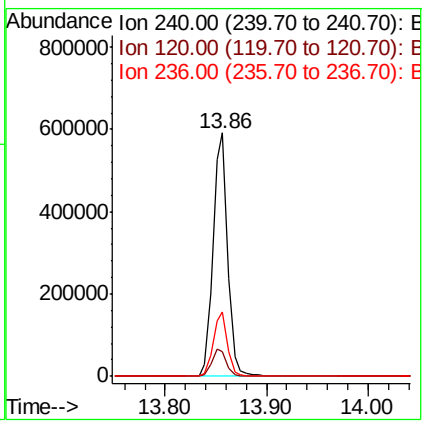


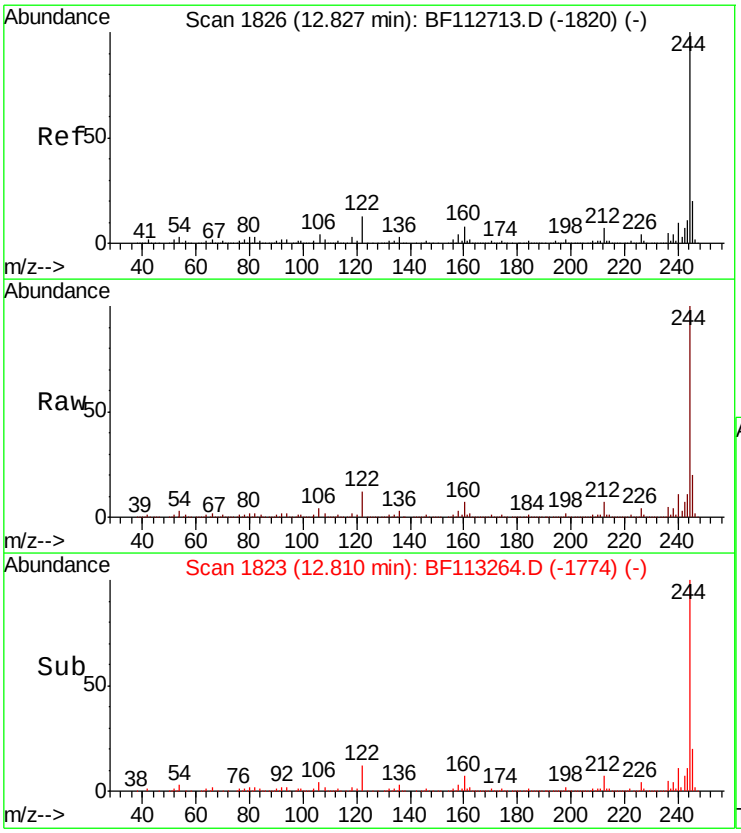
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:240 Resp: 591339

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	26.4	20.7	31.1

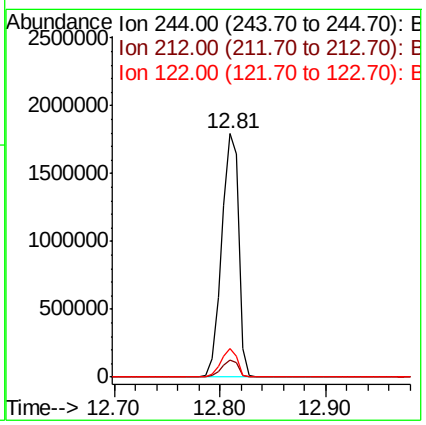


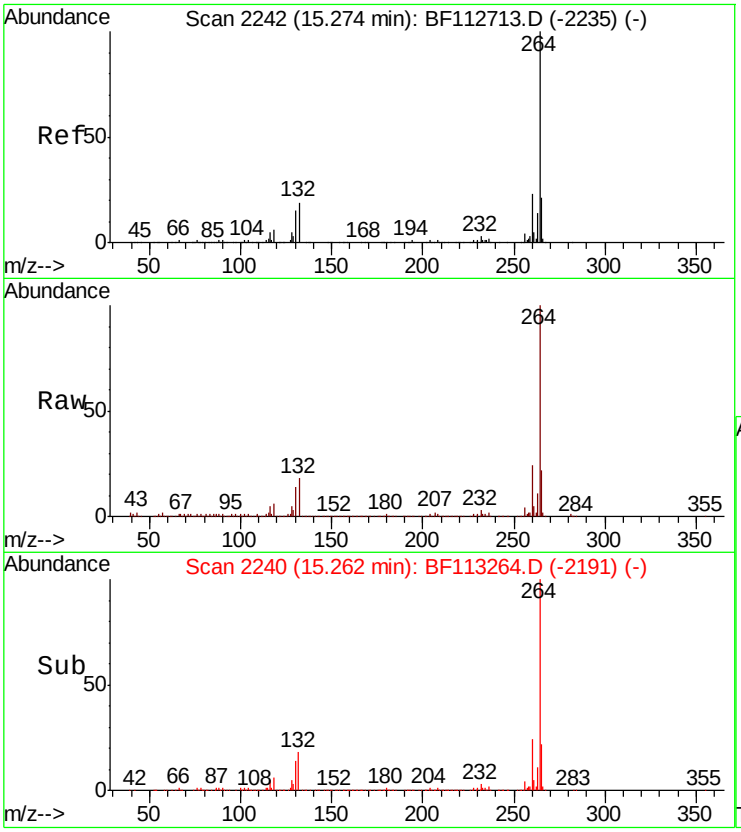


#79
Terphenyl-d14
Concen: 65.996 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:244 Resp: 2013212

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:264 Resp: 493508

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.2	17.2	25.8