Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114739.D
Acq On : 1 Jun 2019 5:52
Operator : HP/JU
Sample : K2648-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-052919

Quant Time: Jun 01 06:36:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	452797	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1683444	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	743421	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1208444	20.00	ng	0.00
76) Chrysene-d12	13.81	240	808669	20.00	ng	0.00
87) Perylene-d12	15.20	264	746179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2931693	113.68	ng	0.03
7) Phenol-d6	6.33	99	3244510	104.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	2480564	91.93	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	888169	125.38	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	4075942	107.16	ng	0.00
79) Terphenyl-d14	12.78	244	3365283	78.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	5586	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	340326	15.865	ng	# 77
25) Isophorone	7.26	82	2281999	42.141	ng	# 63
50) Dimethylphthalate	9.72	163	212163	4.096	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	97776	8.123	ng	# 30
57) 2,4-Dinitrotoluene	9.72	165	97776	6.329	ng	# 23
58) Fluorene	10.26	166	1228	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.50	248	56176	4.335	ng	# 1
74) Di-n-butylphthalate	11.76	149	14636	Below Cal		98

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

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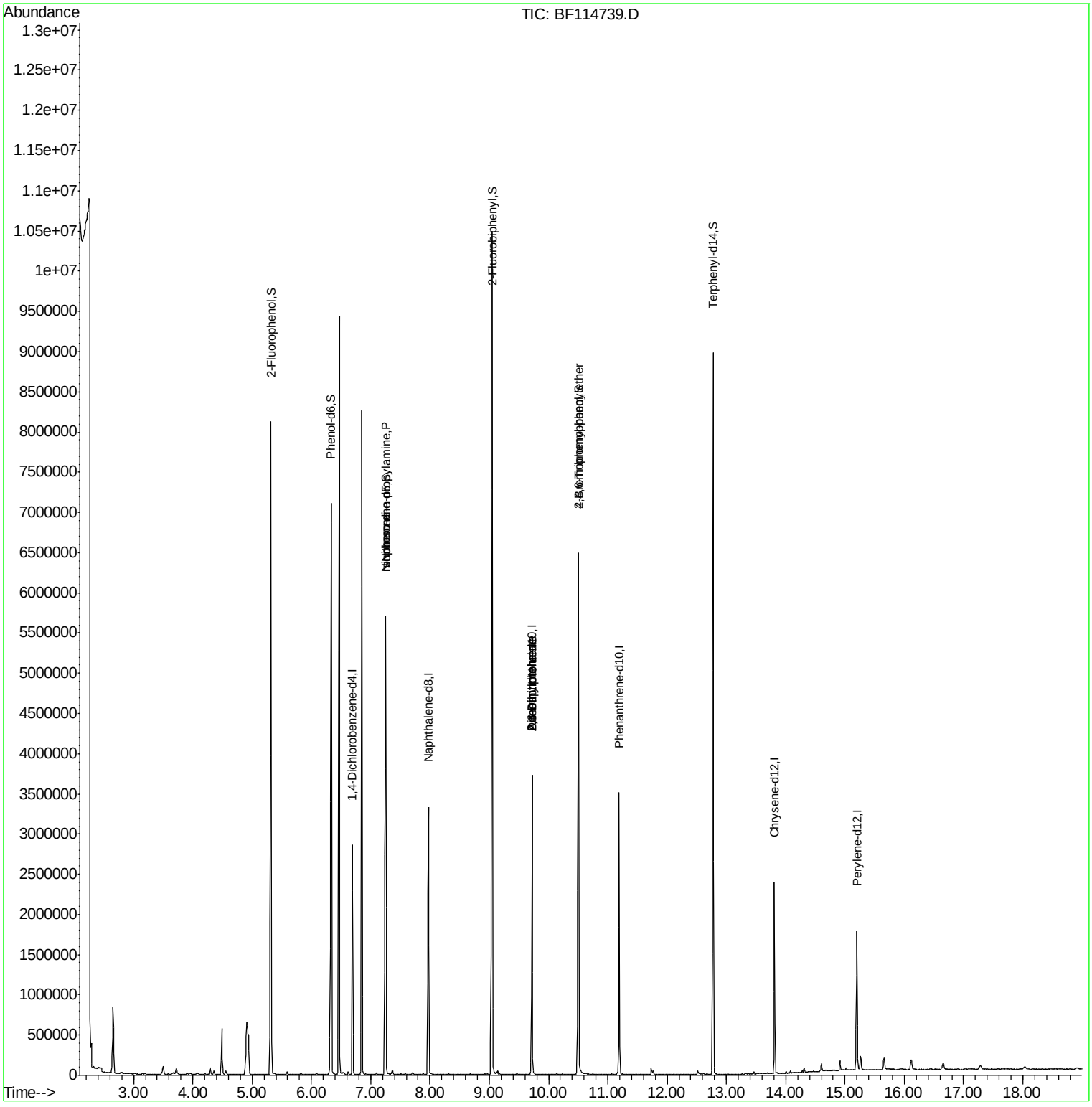
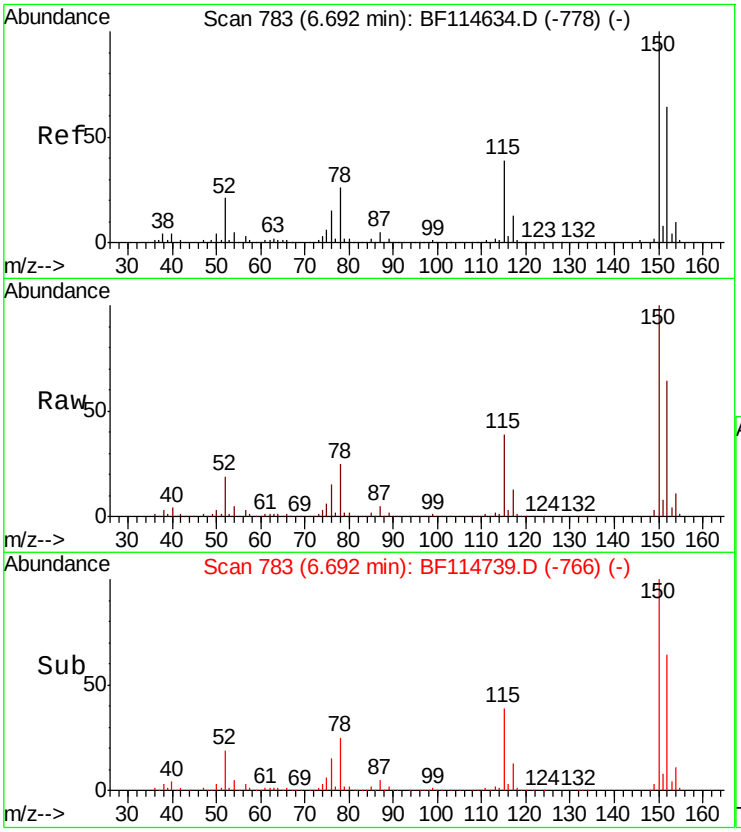


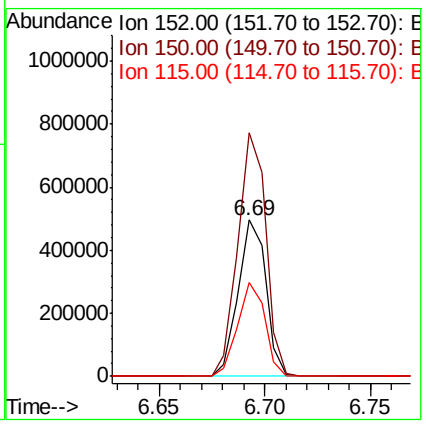


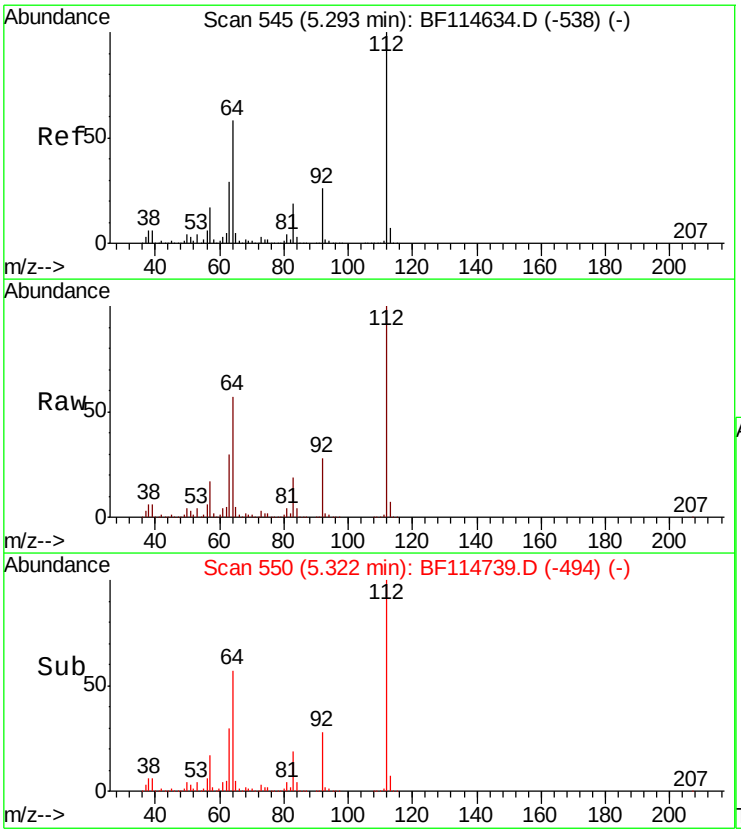
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:152 Resp: 452797

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.4	186.6
115	60.4	48.7	73.1

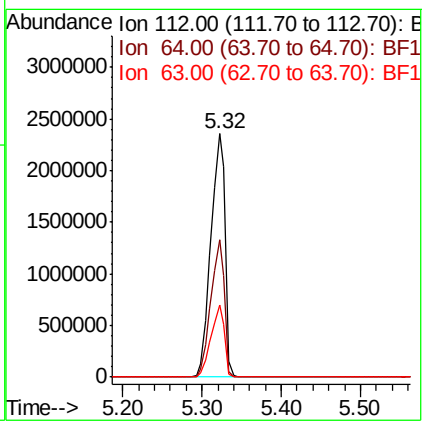


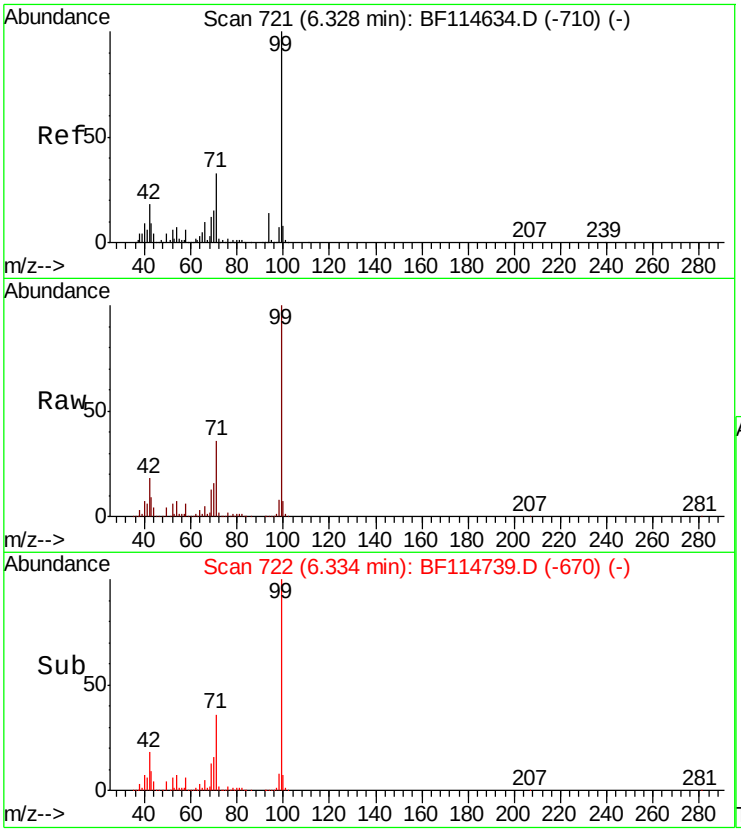


#5
2-Fluorophenol
Concen: 113.676 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.03 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:112 Resp: 2931693

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.1	69.1
63	29.7	23.4	35.2



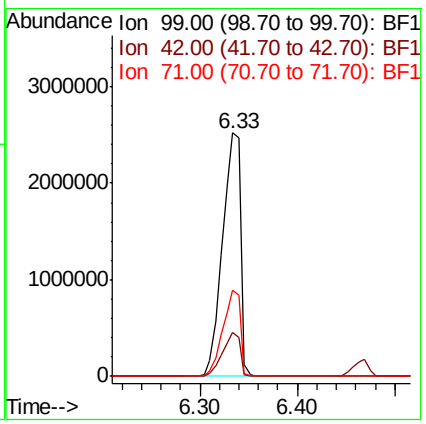


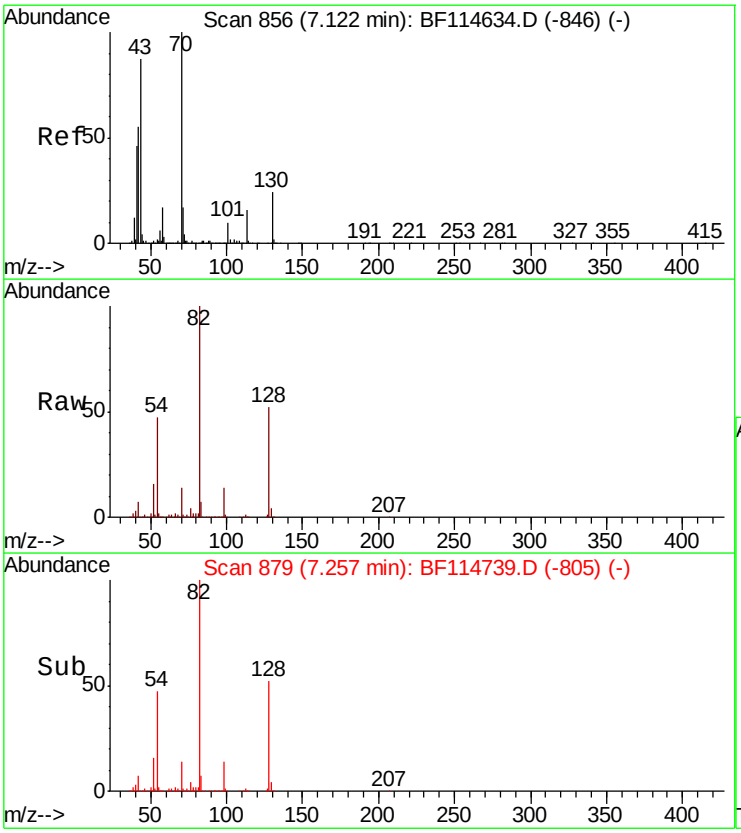
#7
Phenol-d6
Concen: 104.399 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion: 99 Resp: 3244510

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.7	22.1
71	35.6	26.6	40.0

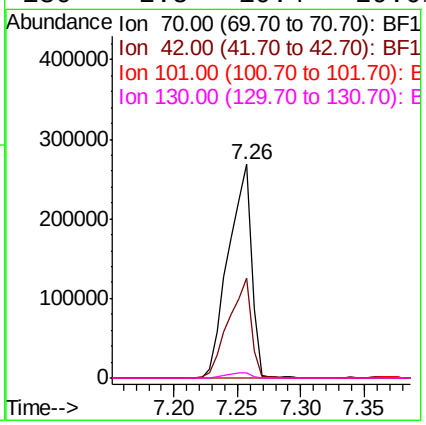


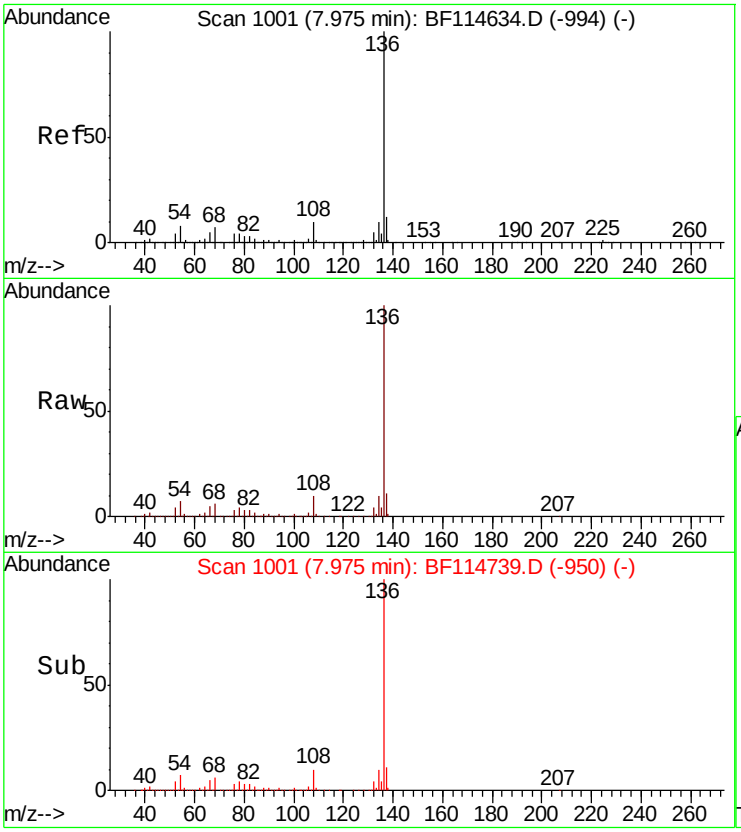


#19
n-Nitroso-di-n-propylamine
Concen: 15.865 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion: 70 Resp: 340326

Ion	Ratio	Lower	Upper
70	100		
42	46.6	44.4	66.6
101	0.0	8.2	12.4#
130	2.5	19.4	29.0#



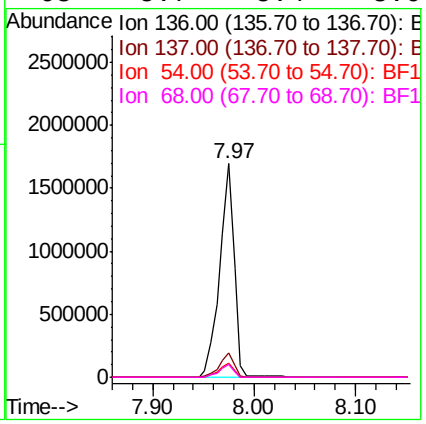


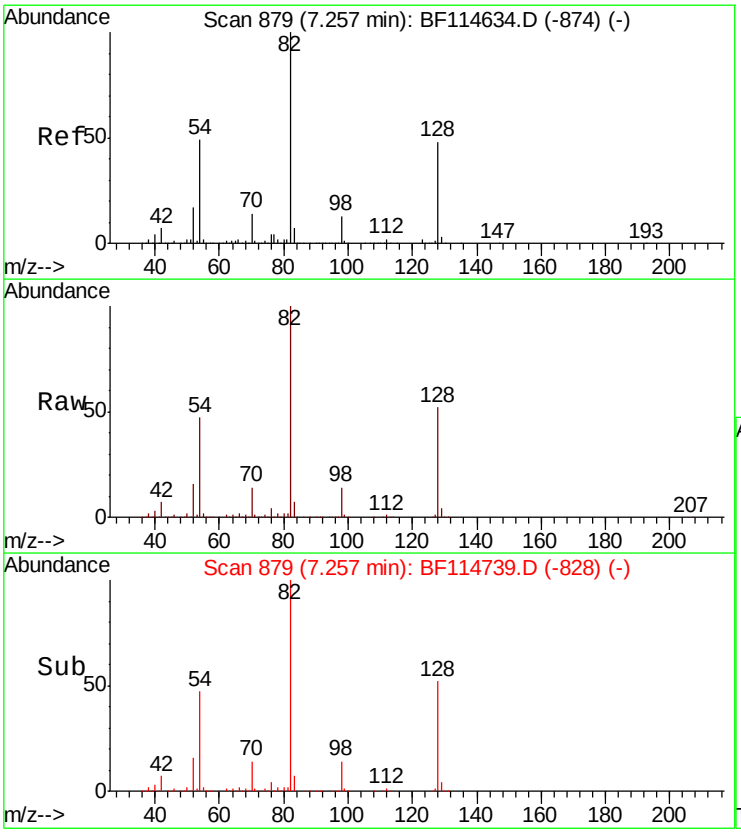
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:136 Resp: 1683444

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.7	5.4	8.0

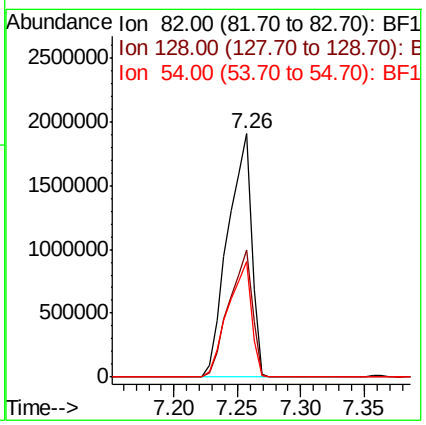


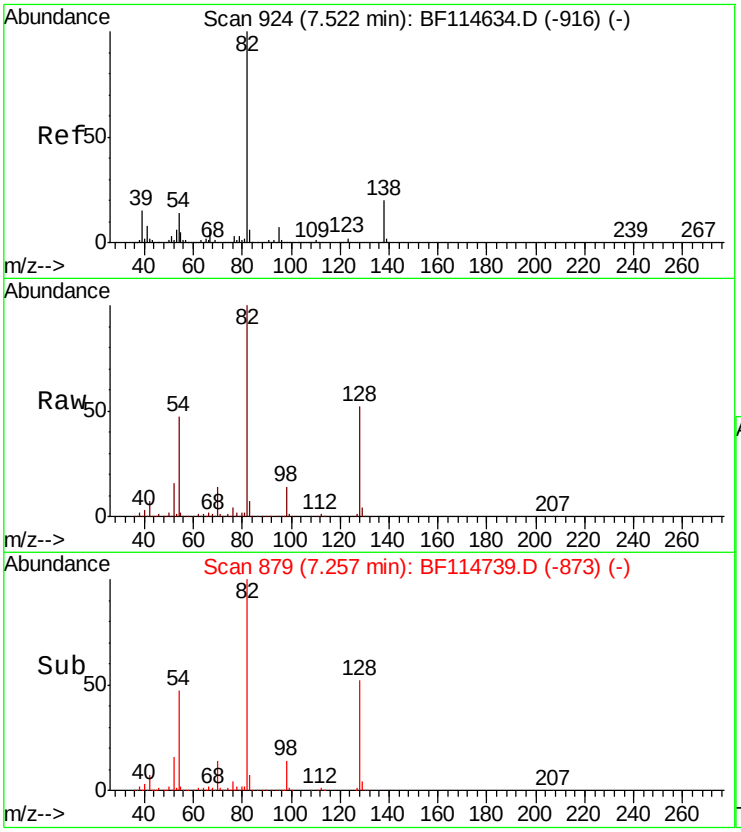


#23
Nitrobenzene-d5
Concen: 91.931 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion: 82 Resp: 2480564

Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.5	57.7
54	47.4	39.1	58.7



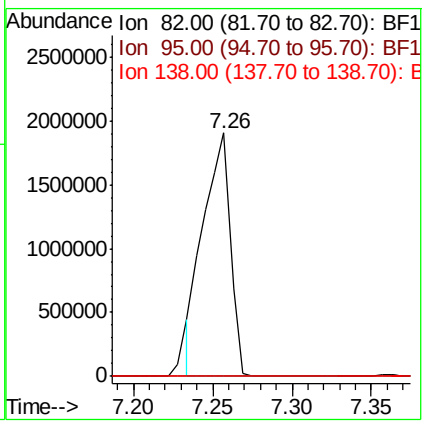


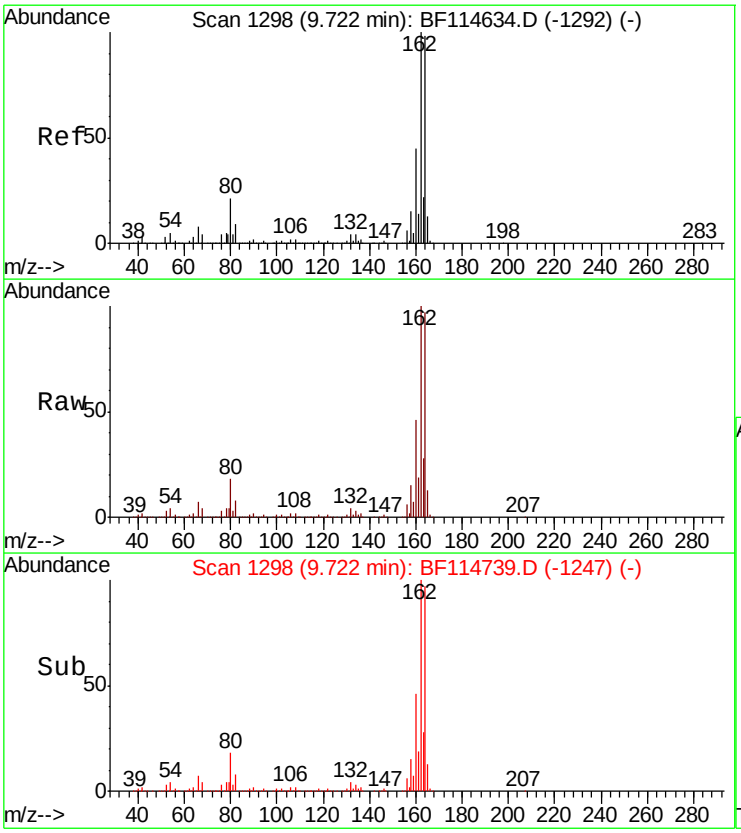
#25
Isophorone
Concen: 42.141 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion: 82 Resp: 2281999

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

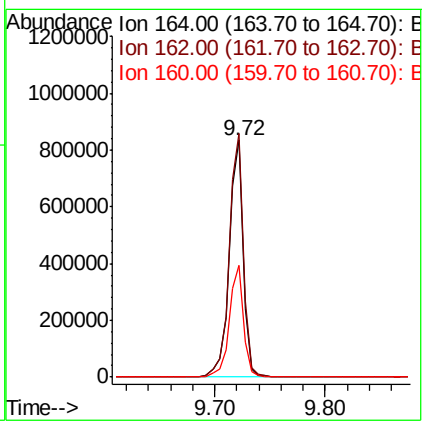


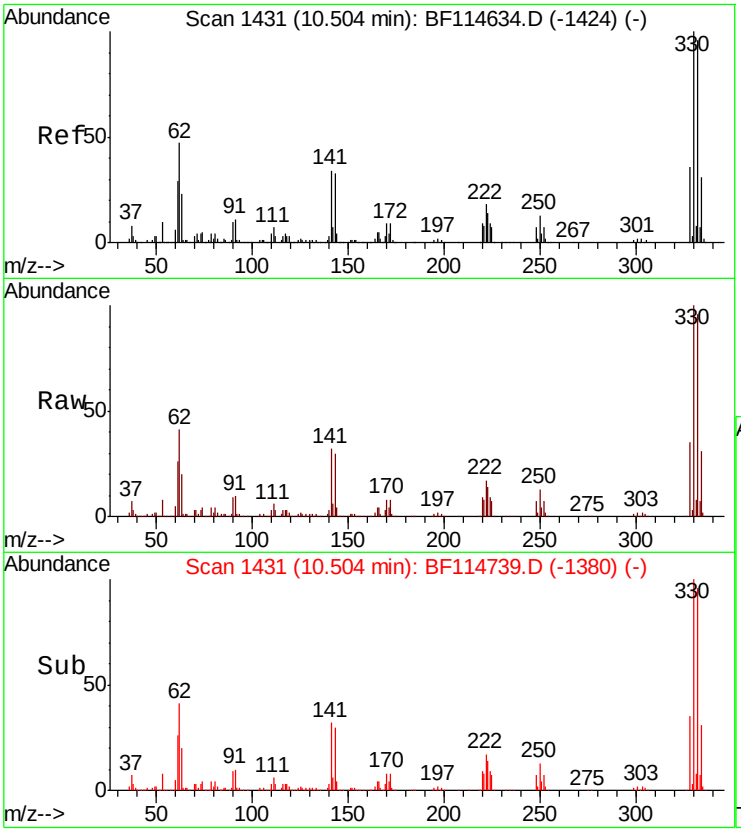


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:164 Resp: 743421

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.2
160	47.2	36.6	54.8



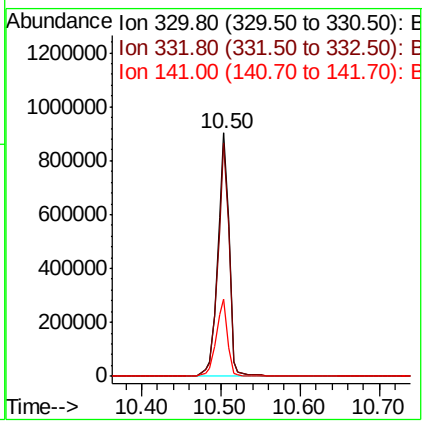


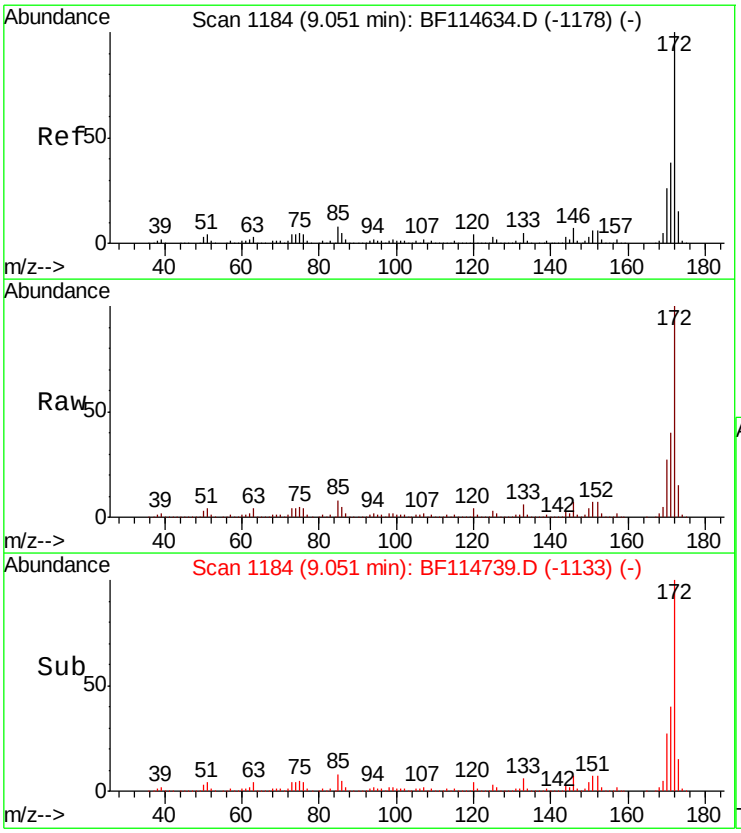
#42
2,4,6-Tribromophenol
Concen: 125.383 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:330 Resp: 888169

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.8
141	32.2	27.8	41.8

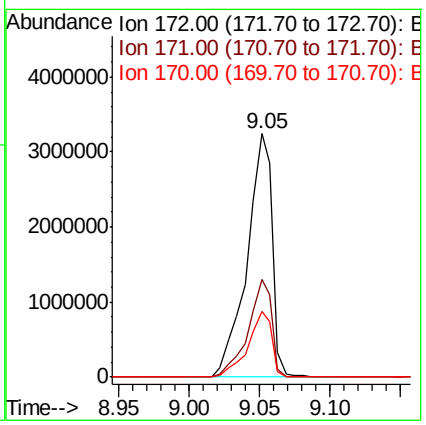


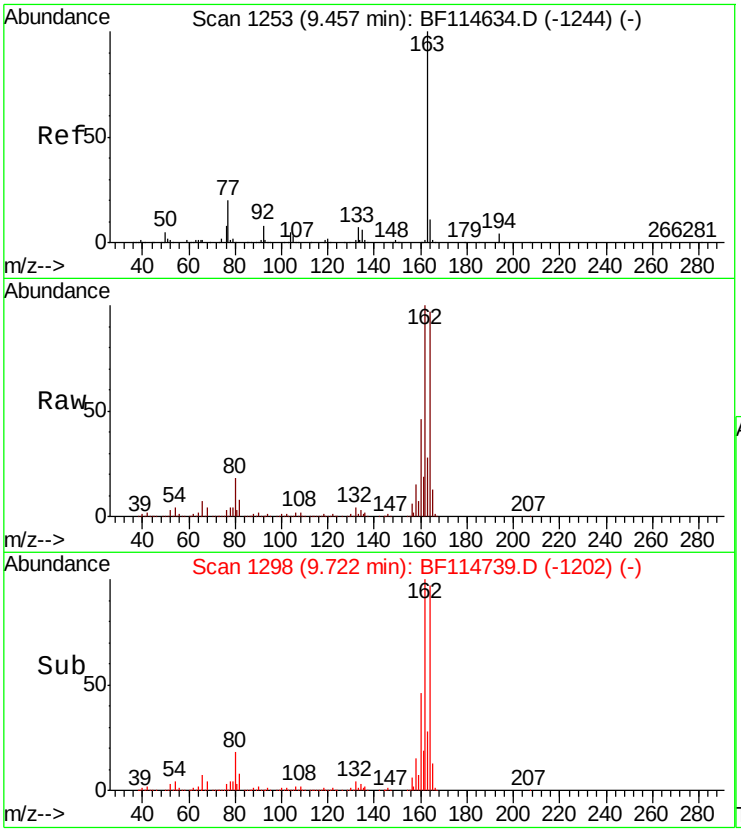


#45
2-Fluorobiphenyl
Concen: 107.164 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:172 Resp: 4075942

Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.6	45.8
170	27.0	20.7	31.1



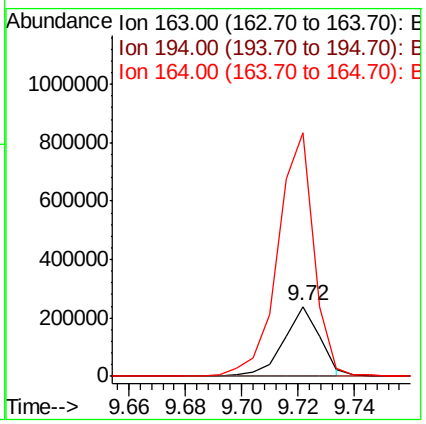


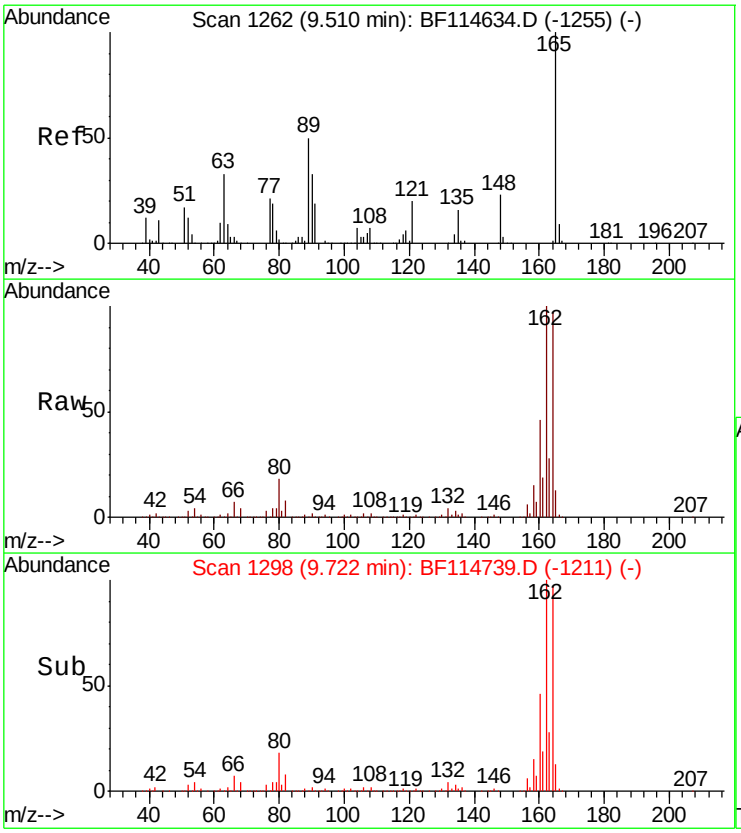
#50
Dimethylphthalate
Concen: 4.096 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:163 Resp: 212163

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	348.0	8.6	13.0#

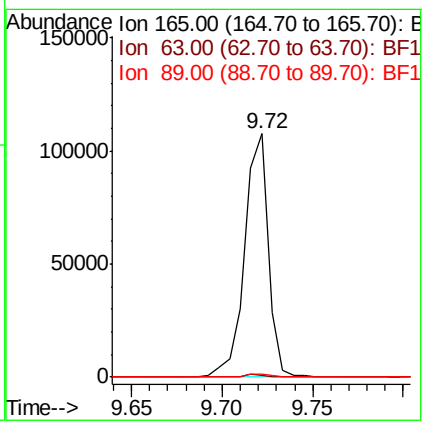


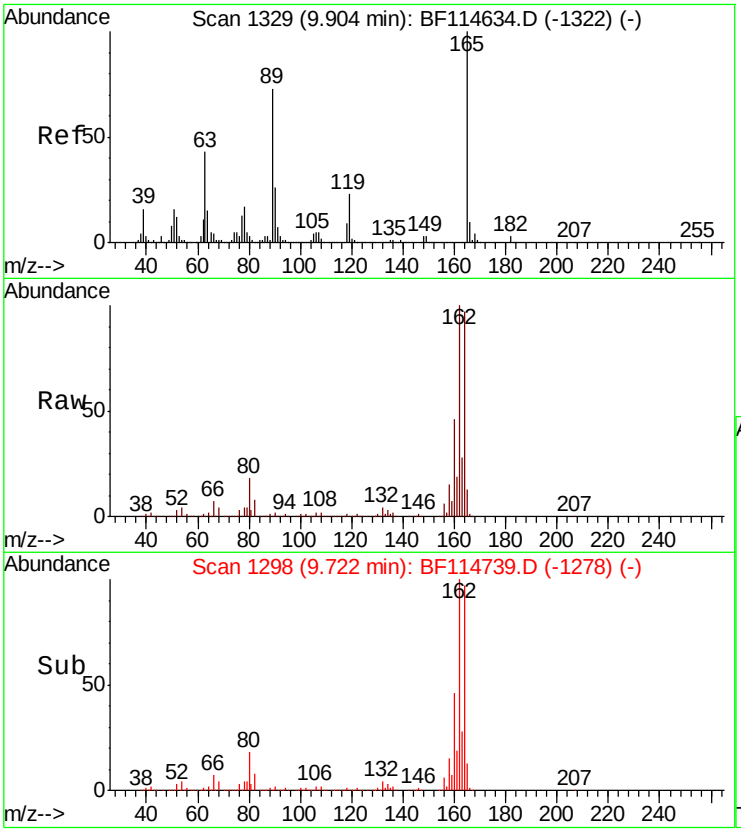


#51
2,6-Dinitrotoluene
Concen: 8.123 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:165 Resp: 97776

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.6	54.8#
89	1.0	40.2	60.4#



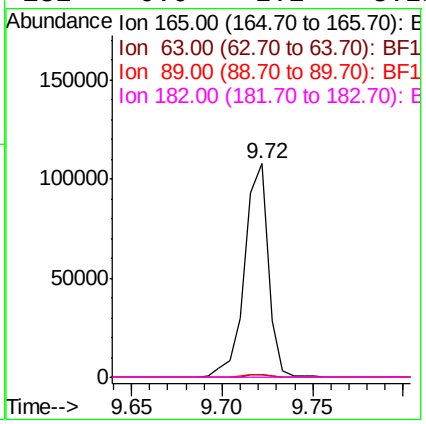


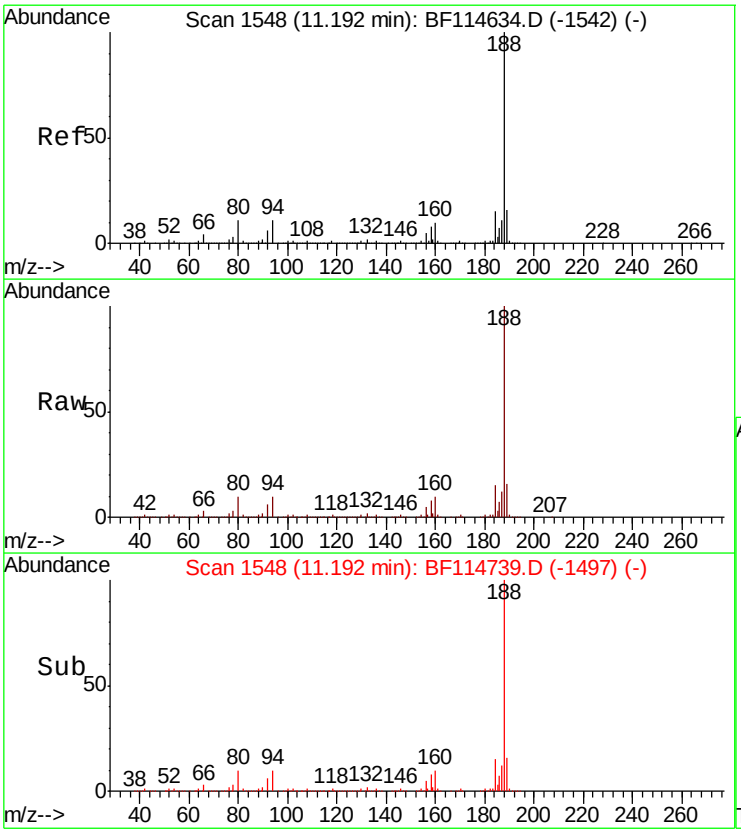
#57
2,4-Dinitrotoluene
Concen: 6.329 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:165 Resp: 97776

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.8	52.2#
89	1.0	58.5	87.7#
182	0.0	2.2	3.2#

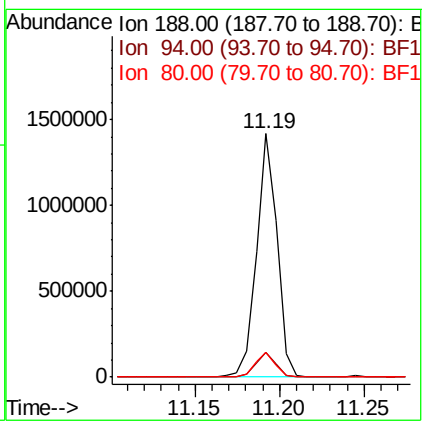


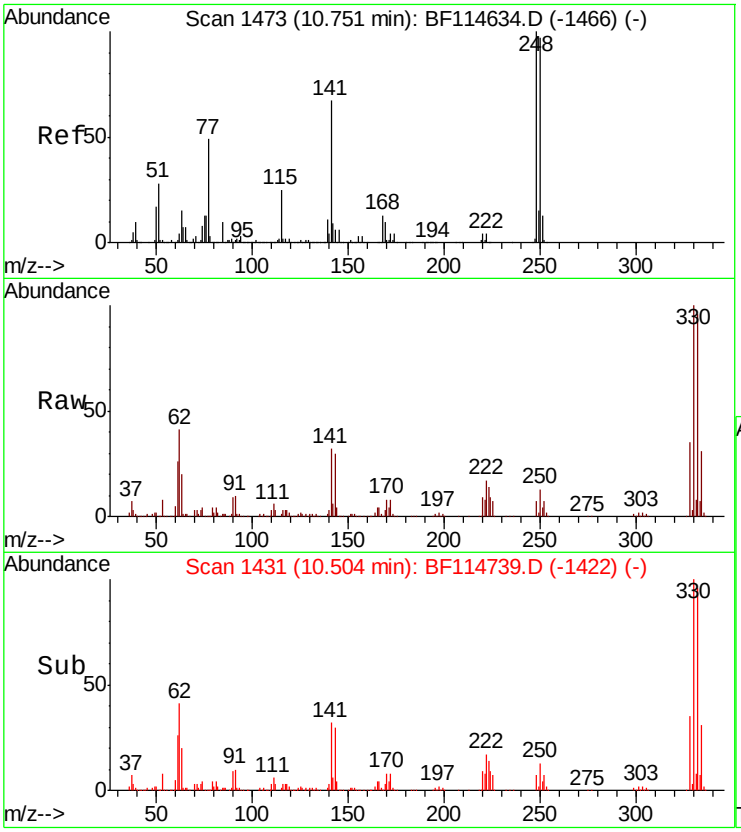


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:188 Resp: 1208444

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	10.3	9.0	13.6



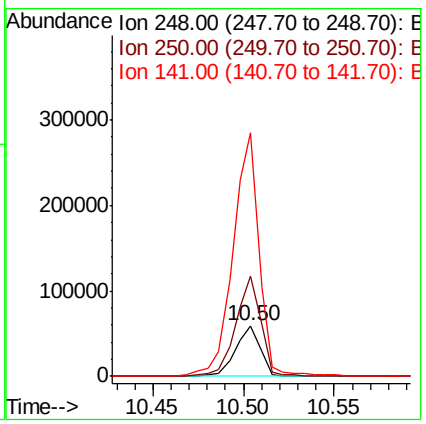


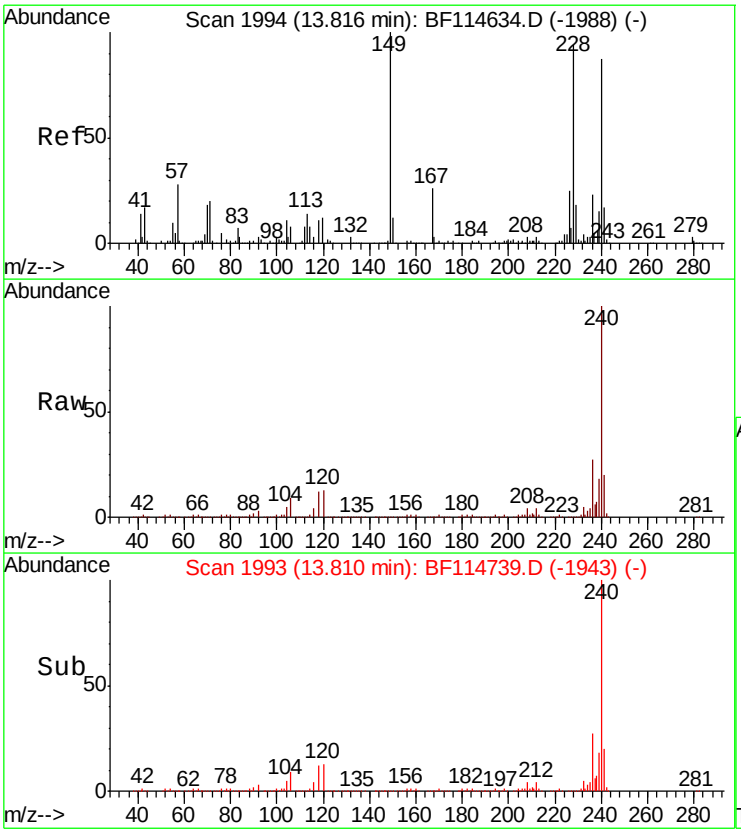
#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:248 Resp: 56176

Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.0	117.0#
141	483.6	53.8	80.8#

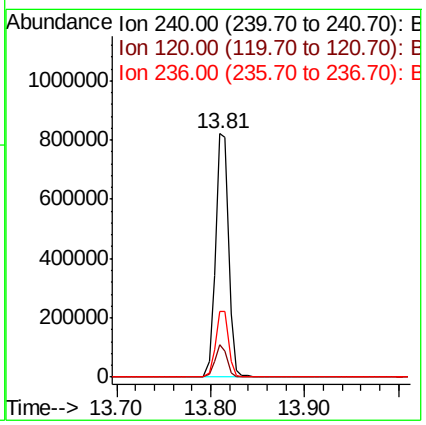


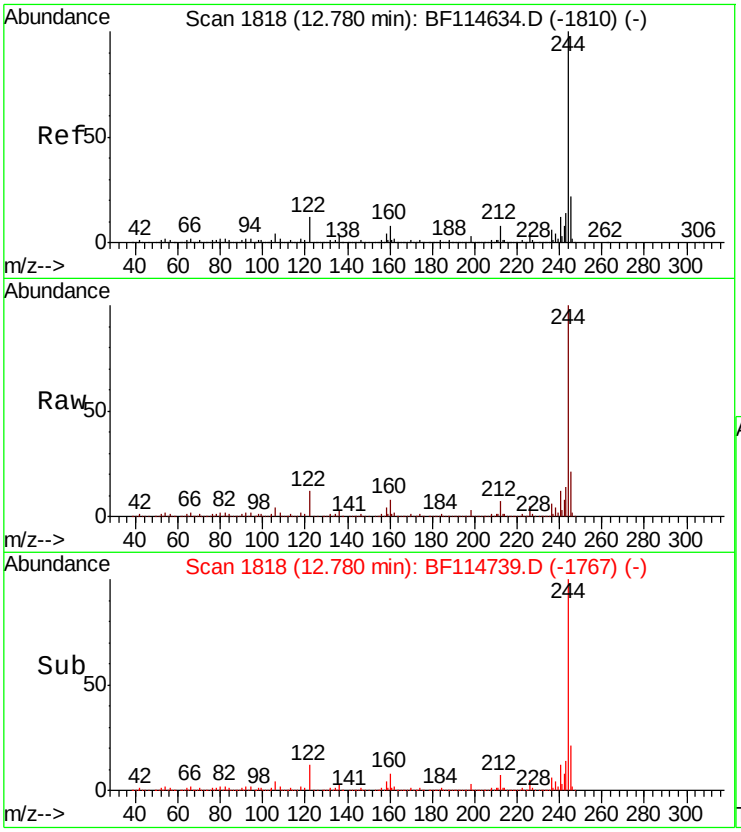


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:240 Resp: 808669

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	27.1	21.2	31.8



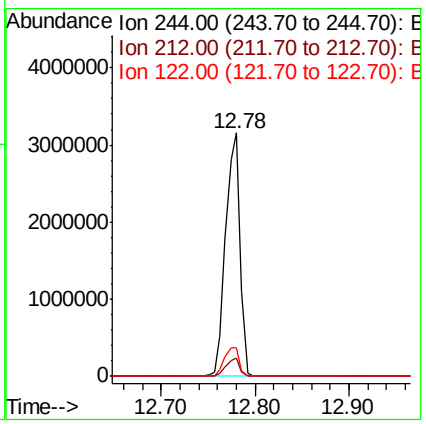


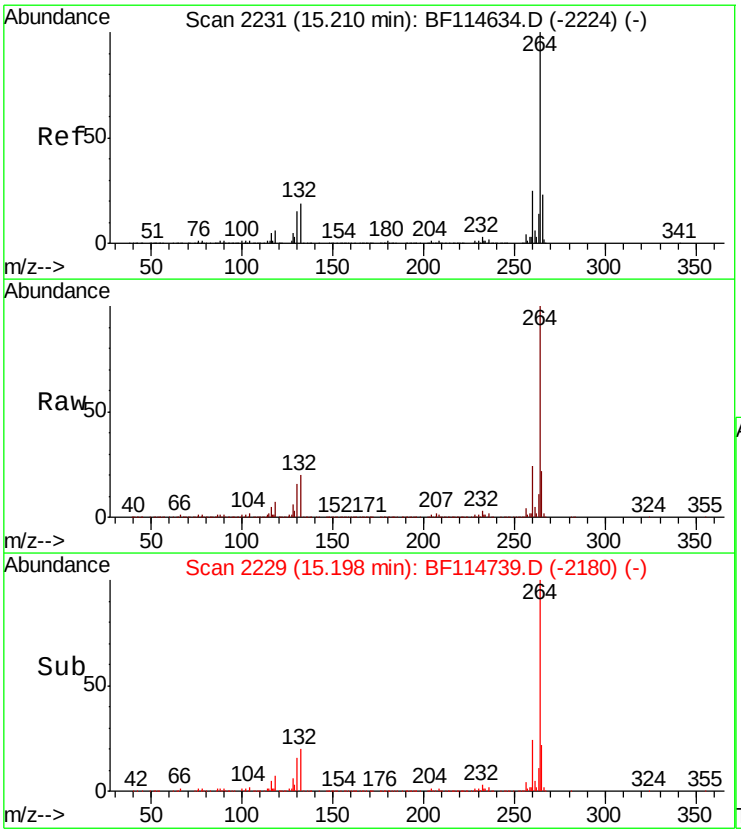
#79
Terphenyl-d14
Concen: 78.243 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:244 Resp: 3365283

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.9	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:264 Resp: 746179

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.1	18.1	27.1