Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114768.D
Acq On : 1 Jun 2019 21:09
Operator : HP/JU
Sample : K3124-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-D

Quant Time: Jun 03 01:45:36 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	6.70	152	330959	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1126697	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	482569	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	857658	20.00	ng	0.00
76) Chrysene-d12	13.82	240	791782	20.00	ng	0.00
87) Perylene-d12	15.20	264	664598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2037048	108.06	ng	0.02
7) Phenol-d6	6.33	99	2100434	92.47	ng	0.00
23) Nitrobenzene-d5	7.26	82	1647868	91.25	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	631489	137.34	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2769413	113.09	ng	0.00
79) Terphenyl-d14	12.78	244	2970481	70.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	3695	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	223212	14.236	ng	# 74
25) Isophorone	7.26	82	1619881	44.696	ng	# 63
31) Naphthalene	7.99	128	125444	2.417	ng	96
50) Dimethylphthalate	9.72	163	133427	3.968	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	62044	7.941	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	62044	6.187	ng	# 23
58) Fluorene	10.26	166	9747	Below Cal		98
61) 4-Chlorophenyl-phenylether	10.26	204	273	Below Cal	#	46
67) 4-Bromophenyl-phenylether	10.50	248	40463	4.399	ng	# 1
74) Di-n-butylphthalate	11.76	149	11046	Below Cal		97

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

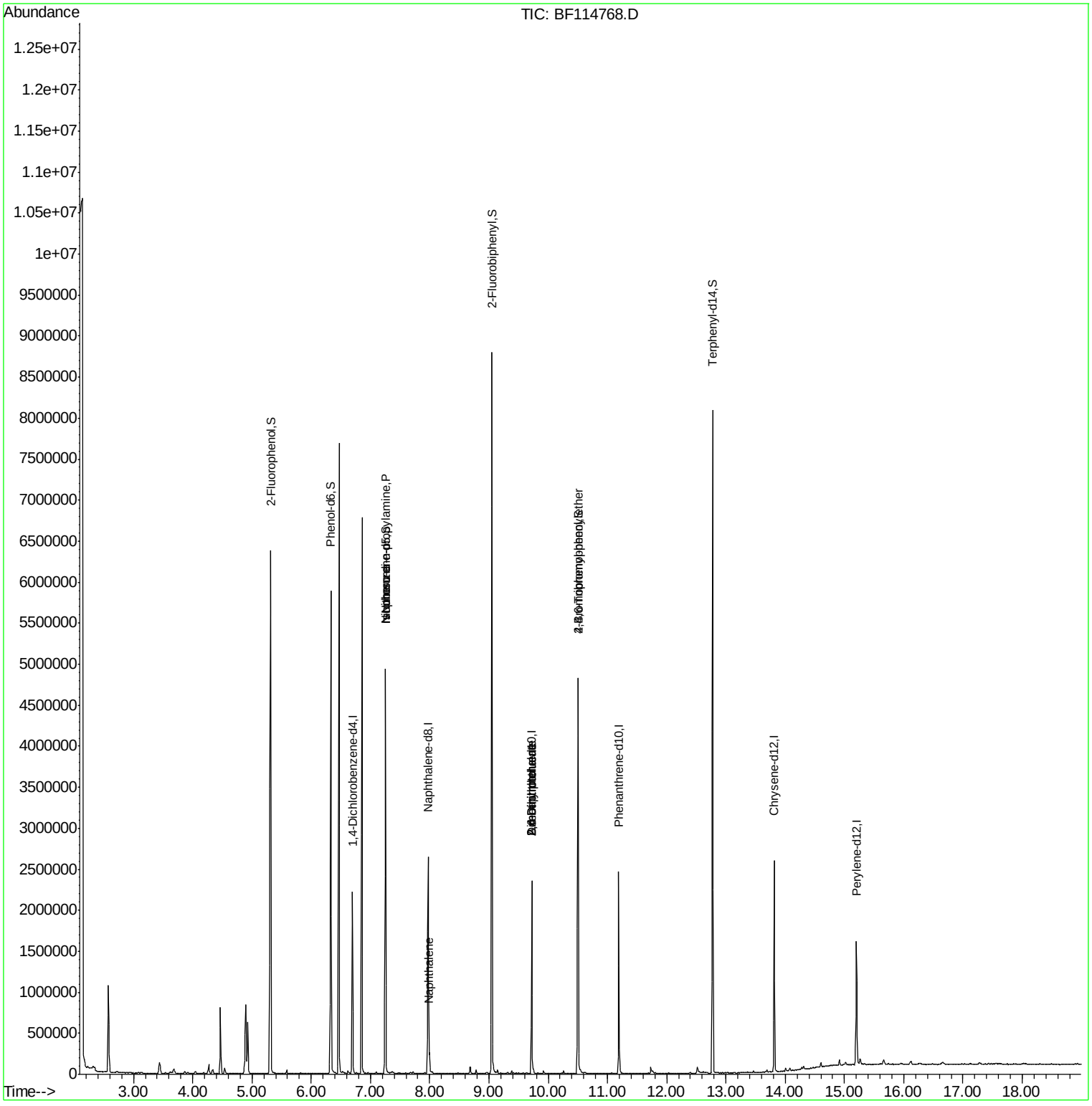
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

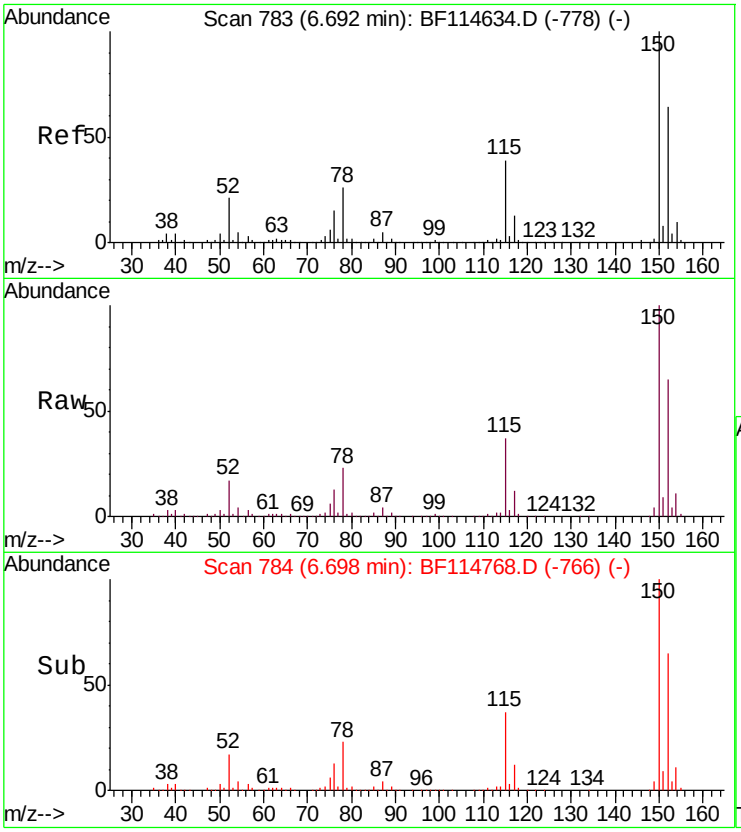
Quantitation Report (Not Reviewed)

Data File : BF114768.D
Acq On : 1 Jun 2019 21:09
Operator : HP/JU
Sample : K3124-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Quant Time: Jun 03 01:45:36 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



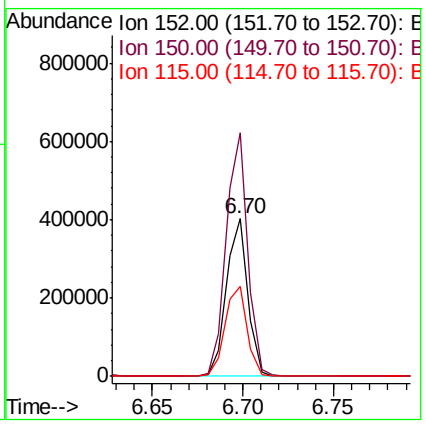


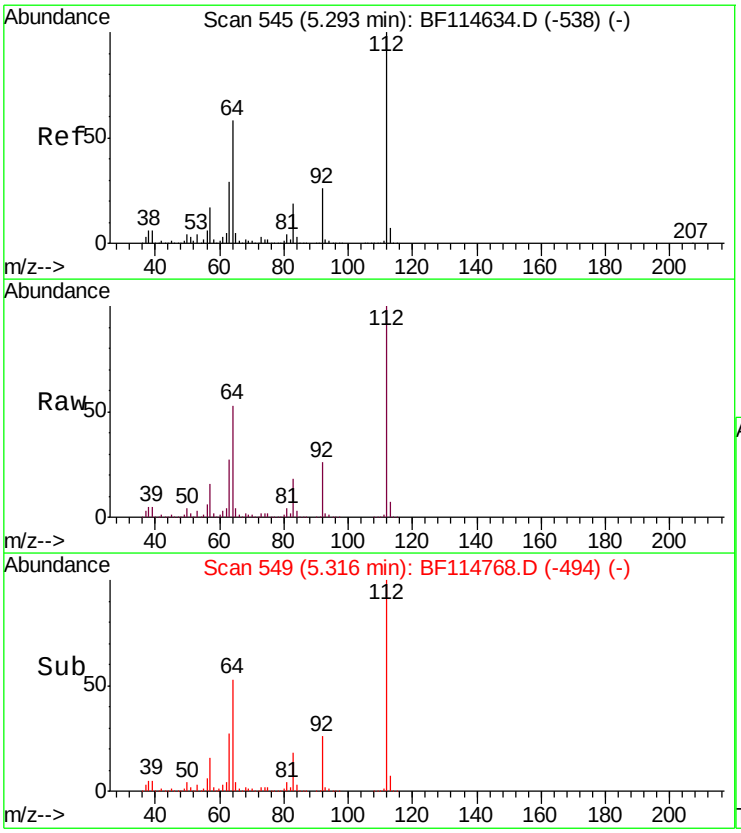
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:152 Resp: 330959

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.4	186.6
115	56.8	48.7	73.1

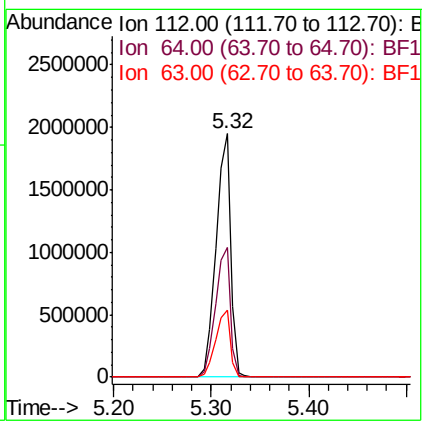


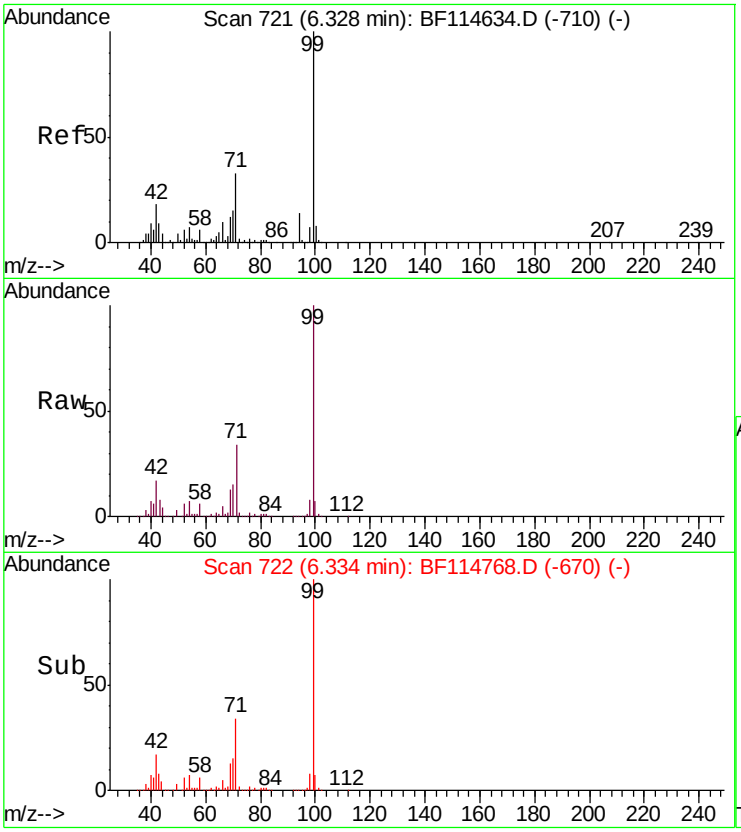


#5
2-Fluorophenol
Concen: 108.064 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:112 Resp: 2037048

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	27.4	23.4	35.2



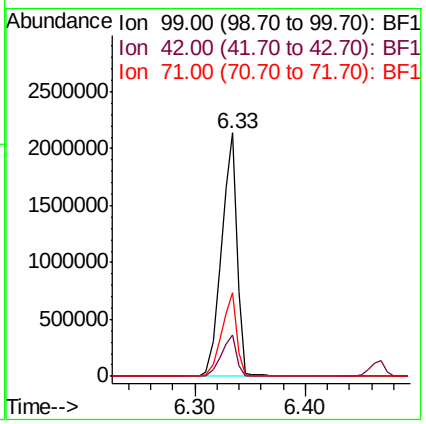


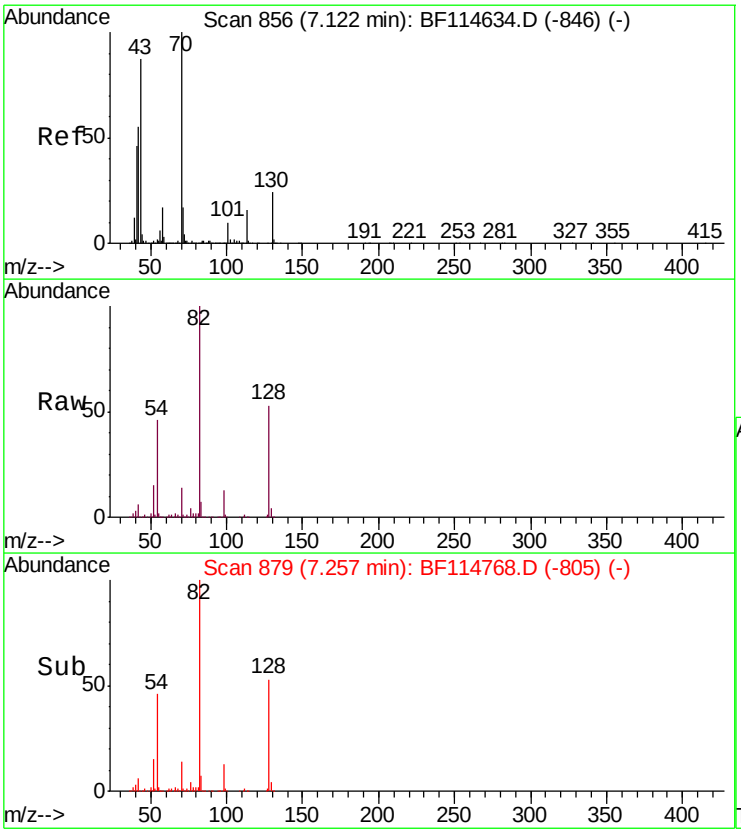
#7
Phenol-d6
Concen: 92.467 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion: 99 Resp: 2100434

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	34.2	26.6	40.0

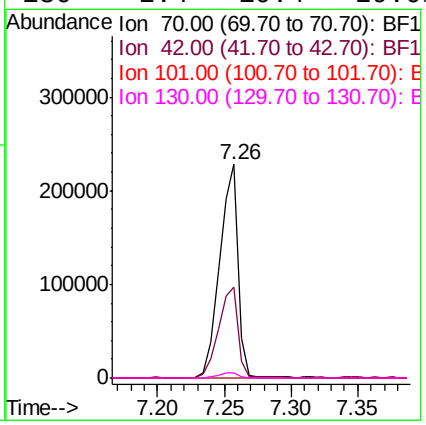


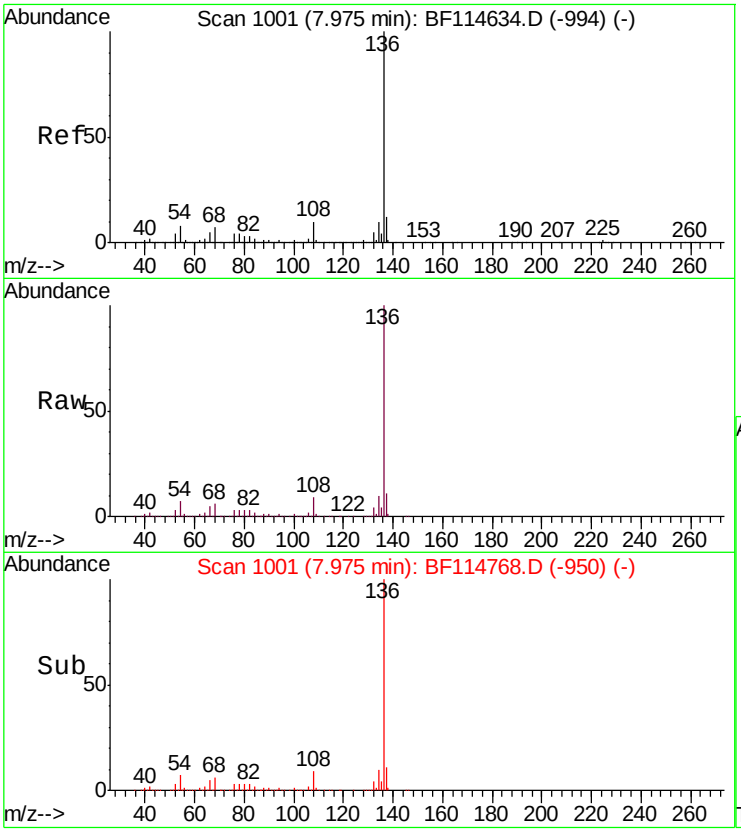


#19
n-Nitroso-di-n-propylamine
Concen: 14.236 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion: 70 Resp: 223212

Ion	Ratio	Lower	Upper
70	100		
42	42.5	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



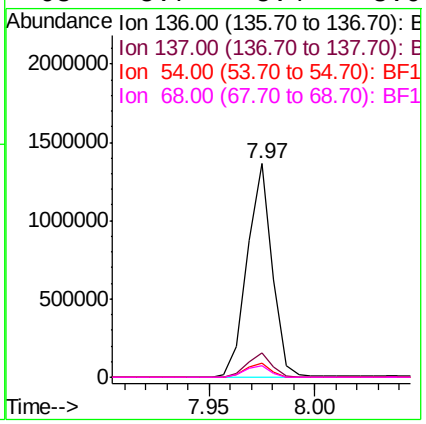


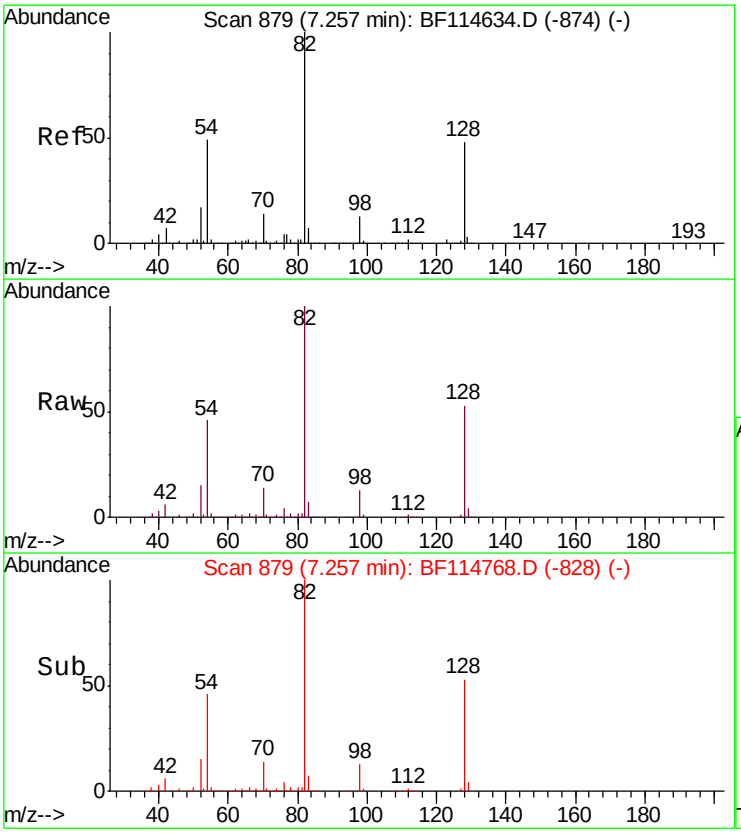
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:136 Resp: 1126697

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.6	6.3	9.5
68	5.7	5.4	8.0

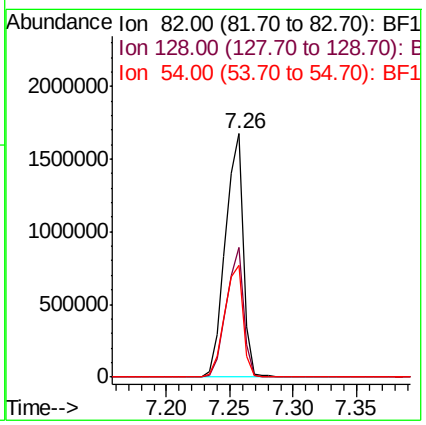


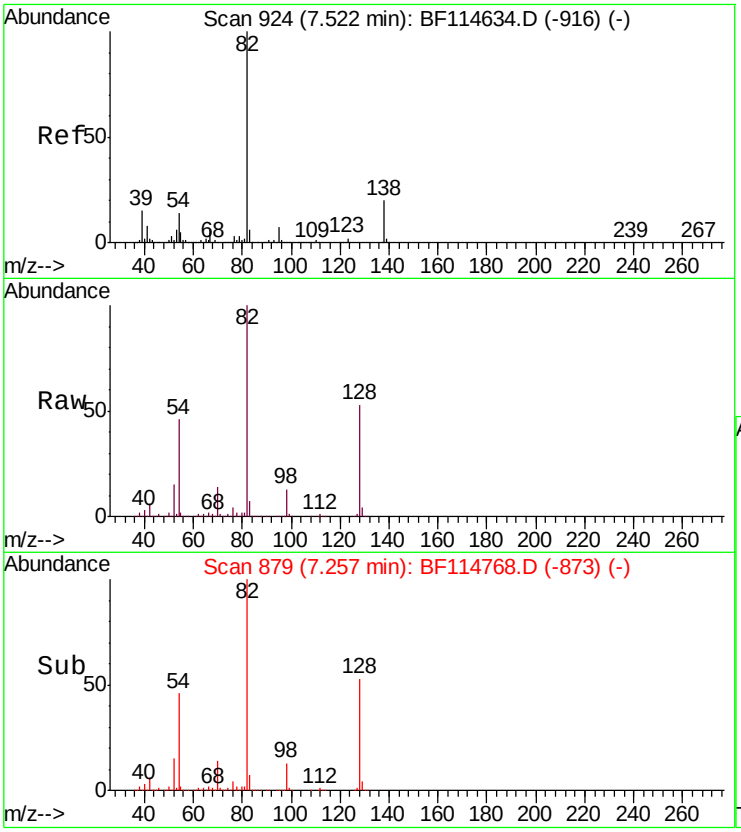


#23
Nitrobenzene-d5
Concen: 91.248 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion: 82 Resp: 1647868

Ion	Ratio	Lower	Upper
82	100		
128	53.1	38.5	57.7
54	45.9	39.1	58.7



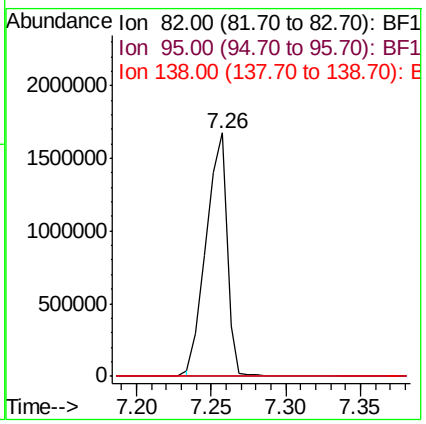


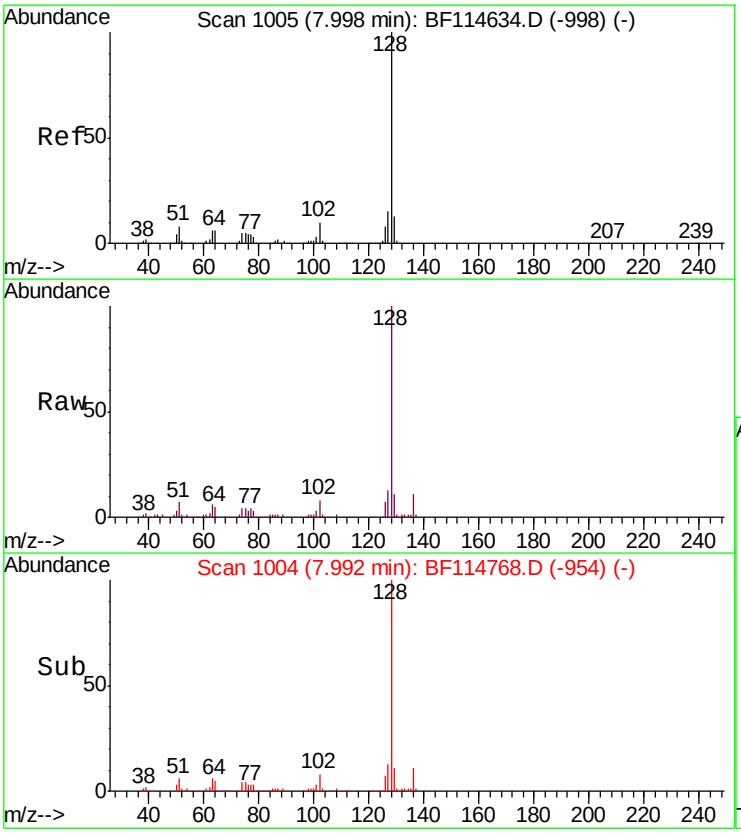
#25
Isophorone
Concen: 44.696 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion: 82 Resp: 1619881

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

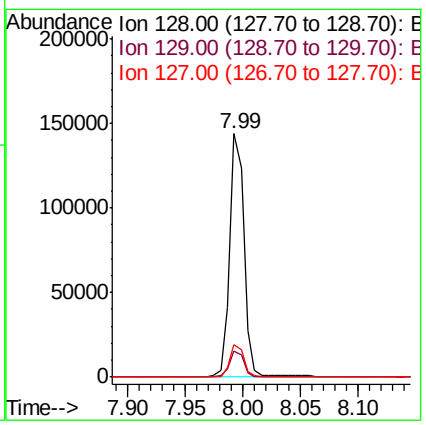


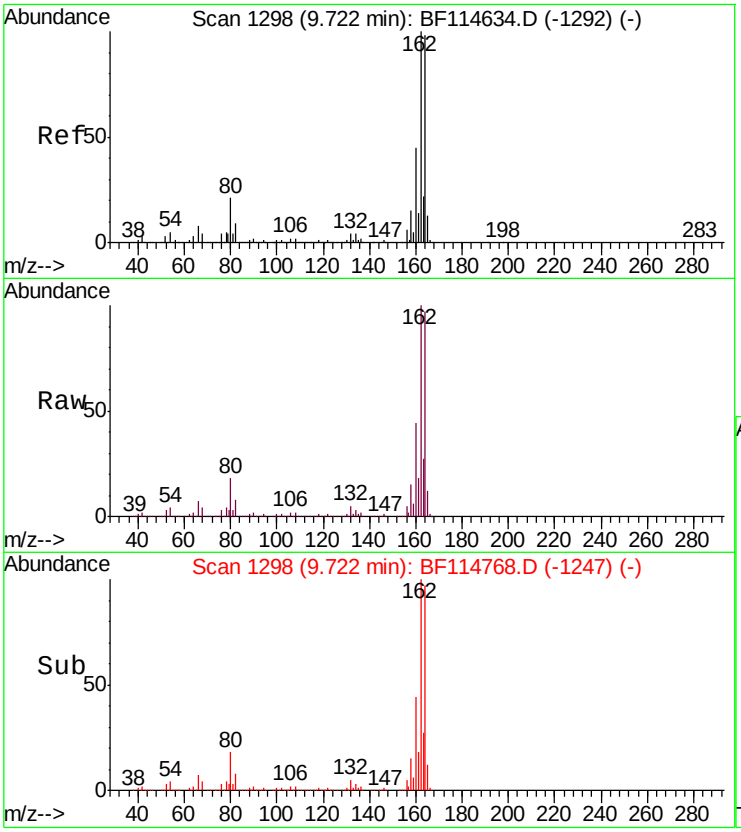


#31
Naphthalene
Concen: 2.417 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:128 Resp: 125444

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.2	15.2
127	13.3	11.9	17.9



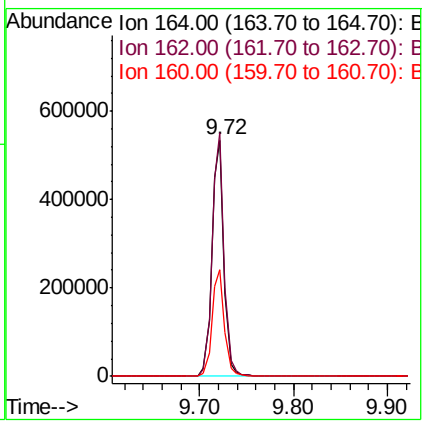


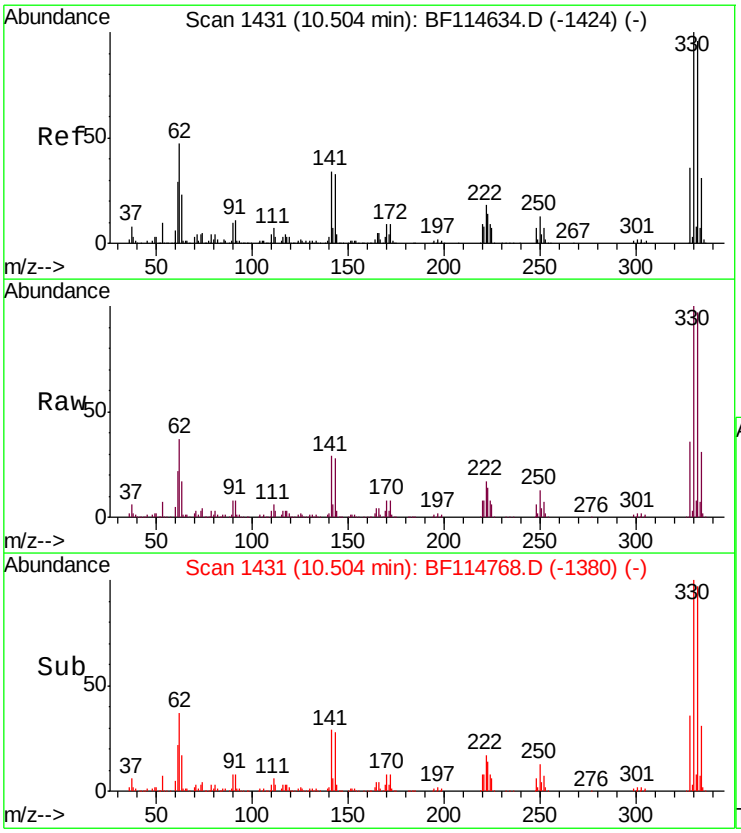
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:164 Resp: 482569

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	45.3	36.6	54.8

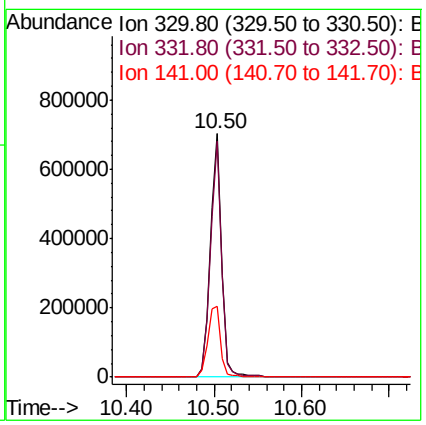


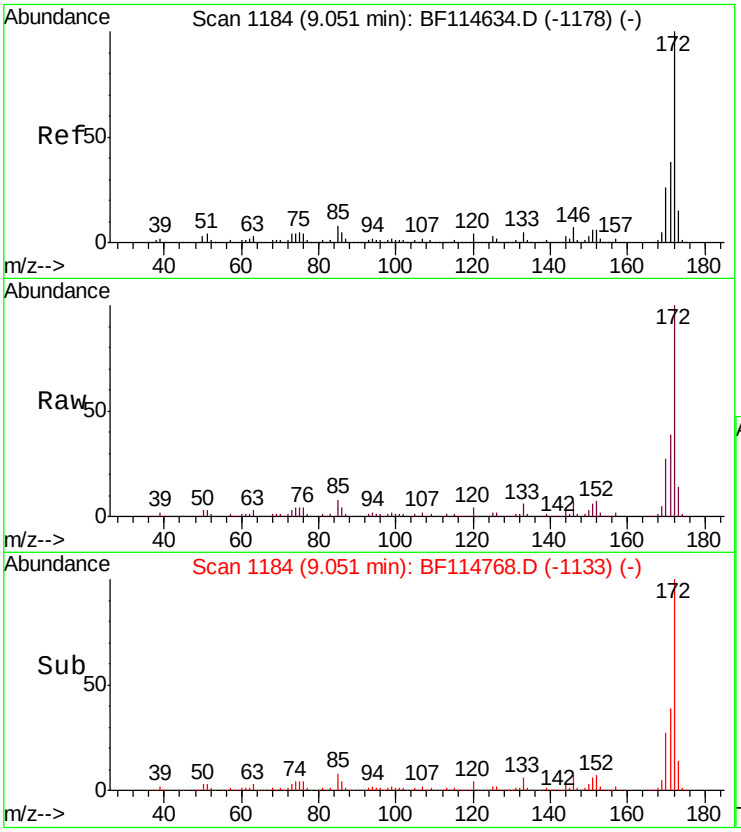


#42
2,4,6-Tribromophenol
Concen: 137.336 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:330 Resp: 631489

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	33.3	27.8	41.8



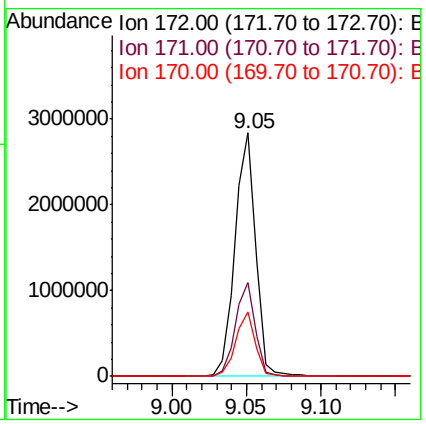


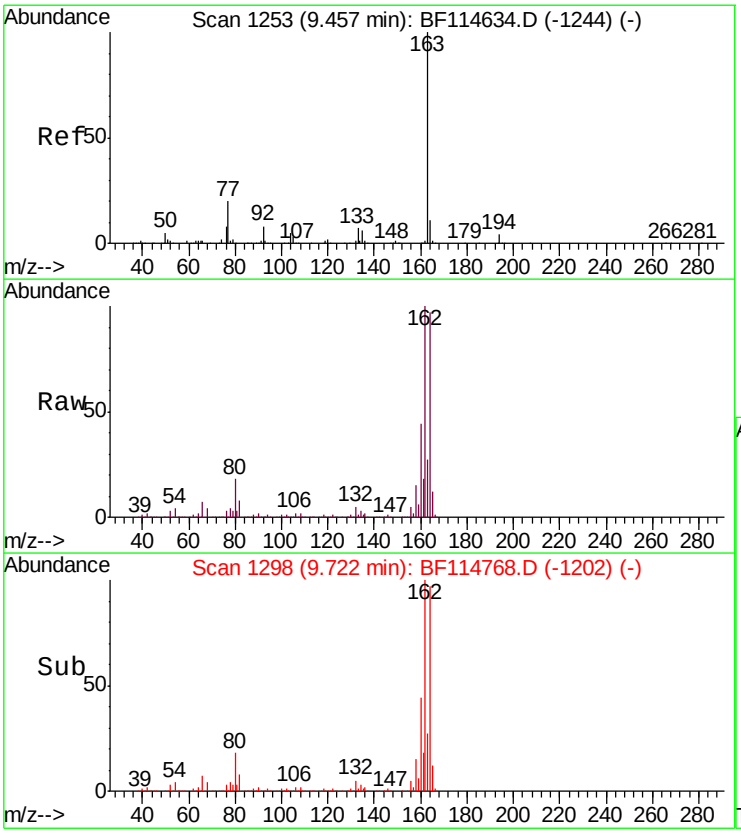
#45
2-Fluorobiphenyl
Concen: 113.093 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:172 Resp: 2769413

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.6	45.8
170	26.5	20.7	31.1

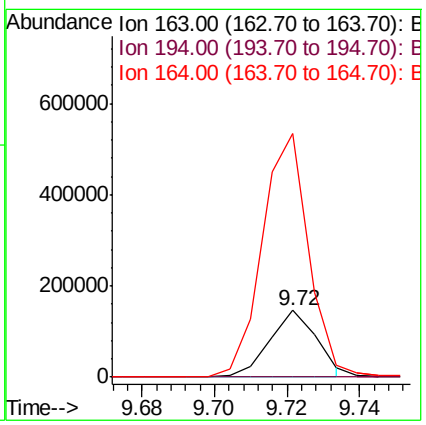


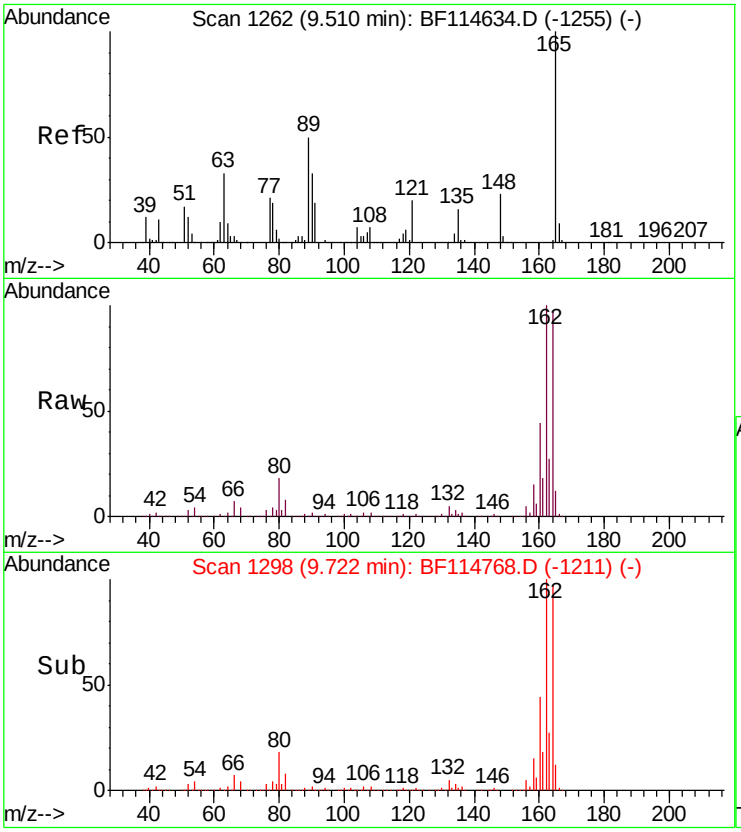


#50
Dimethylphthalate
Concen: 3.968 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:163 Resp: 133427

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	364.3	8.6	13.0#



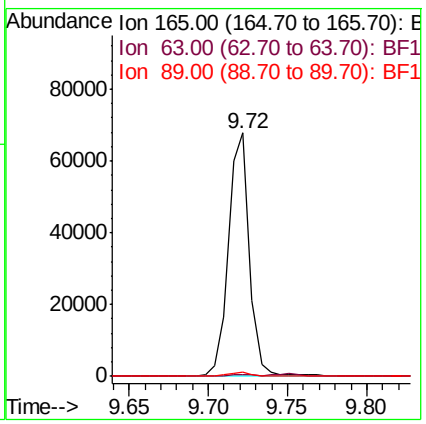


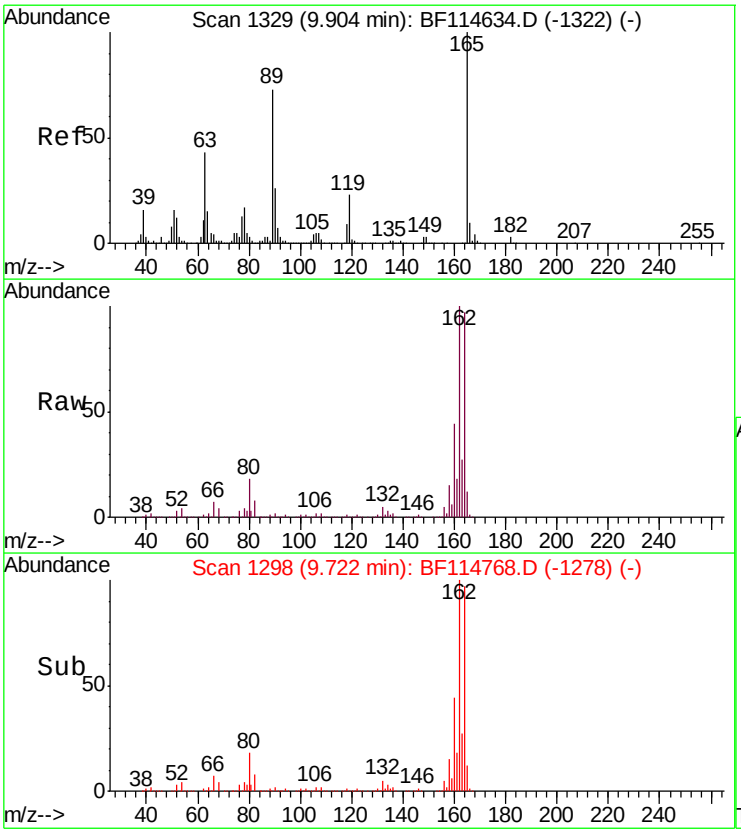
#51
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:165 Resp: 62044

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.6	54.8#
89	1.7	40.2	60.4#

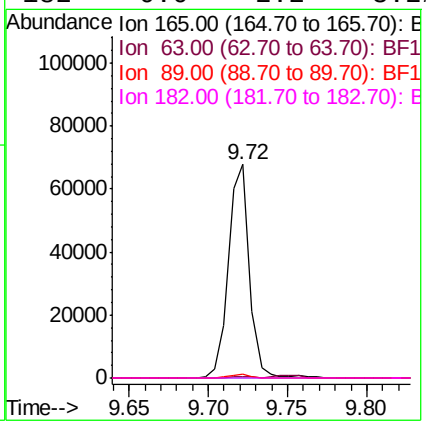


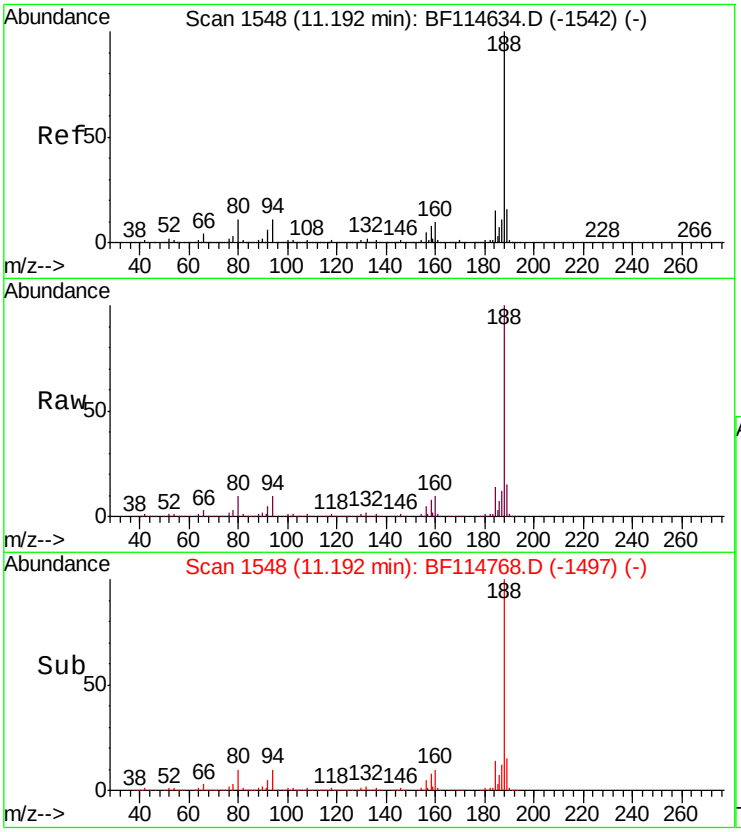


#57
2,4-Dinitrotoluene
Concen: 6.187 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:165 Resp: 62044

Ion	Ratio	Lower	Upper
165	100		
63	0.7	34.8	52.2#
89	1.7	58.5	87.7#
182	0.0	2.2	3.2#



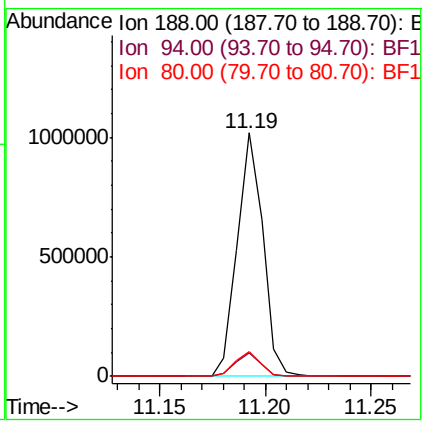


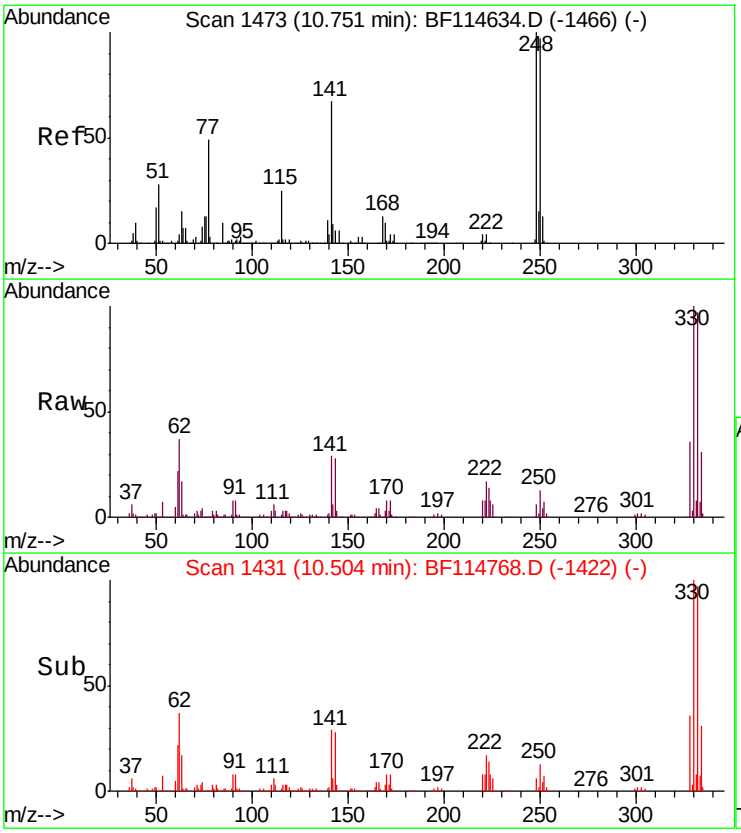
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:188 Resp: 857658

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	9.9	9.0	13.6

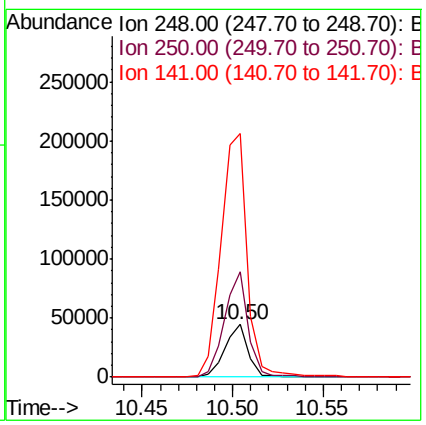


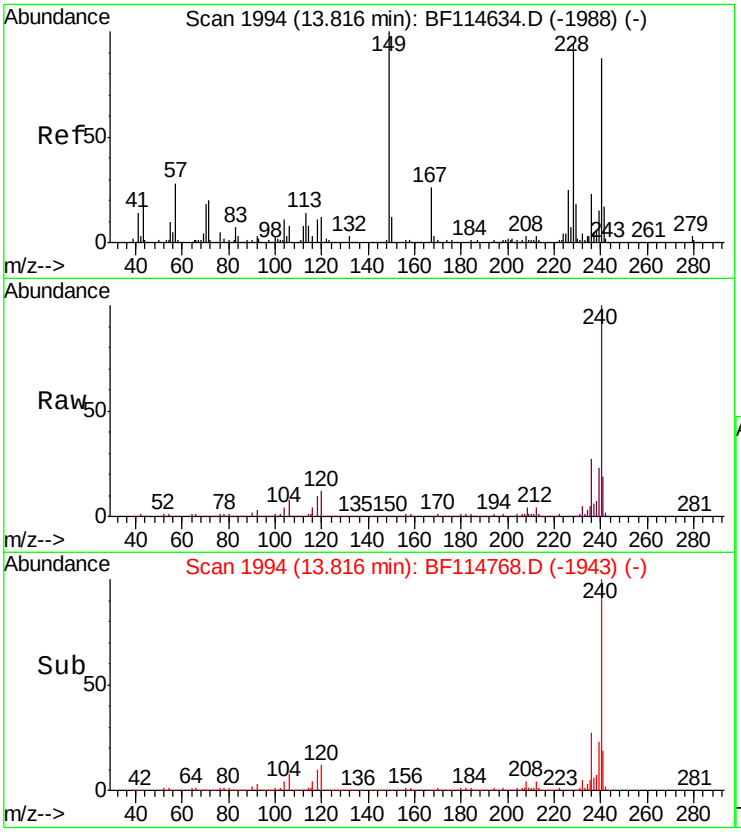


#67
4-Bromophenyl-phenylether
Concen: 4.399 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:248 Resp: 40463

Ion	Ratio	Lower	Upper
248	100		
250	201.0	78.0	117.0#
141	462.9	53.8	80.8#



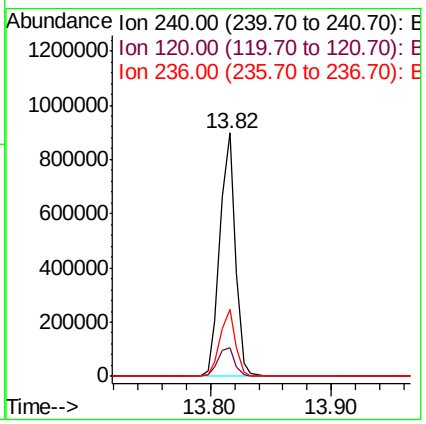


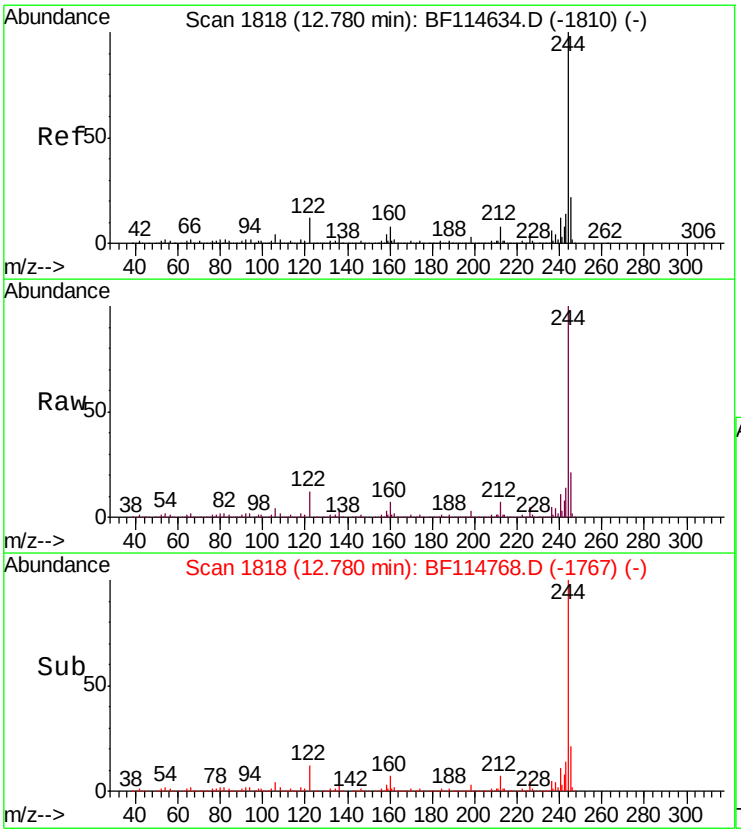
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:240 Resp: 791782

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	27.4	21.2	31.8

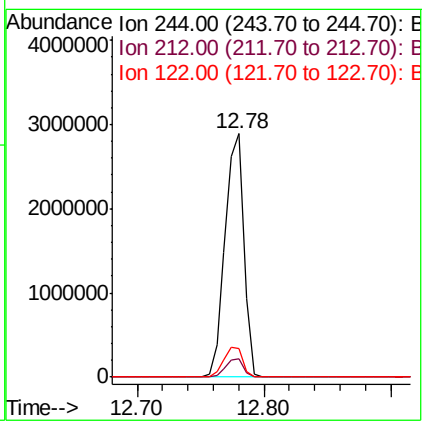


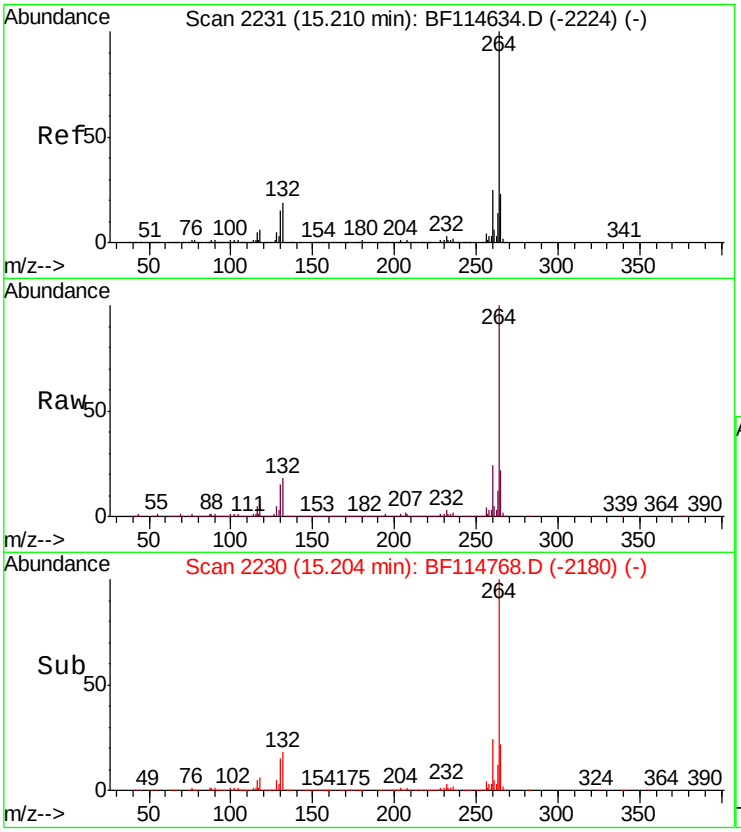


#79
Terphenyl-d14
Concen: 70.536 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:244 Resp: 2970481

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.7	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:264 Resp: 664598

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.8	18.1	27.1