Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114956.D
Acq On : 11 Jun 2019 21:08
Operator : HP/JU
Sample : K3163-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-060719-A

Quant Time: Jun 12 04:33:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225588	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	852267	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	411816	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	755224	20.00	ng		0.00
76) Chrysene-d12	13.78	240	540533	20.00	ng		-0.01
87) Perylene-d12	15.16	264	505642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1499133	112.47	ng		0.01
7) Phenol-d6	6.31	99	1642913	102.19	ng		0.00
23) Nitrobenzene-d5	7.22	82	1243998	89.68	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	563851	125.87	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2283663	88.01	ng		0.00
79) Terphenyl-d14	12.74	244	2307313	84.89	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	162575	16.171	ng	#	77
25) Isophorone	7.22	82	1228196	45.216	ng	#	62
27) 2,4-Dimethylphenol	7.68	122	54262	4.626	ng	#	5
32) Benzoic acid	7.68	122	54262	6.192	ng		95
50) Dimethylphthalate	9.69	163	113207	3.658	ng	#	1
51) 2,6-Dinitrotoluene	9.69	165	52509	7.386	ng	#	30
57) 2,4-Dinitrotoluene	9.69	165	52509	5.843	ng	#	27
67) 4-Bromophenyl-phenylether	10.47	248	36198	4.425	ng	#	1

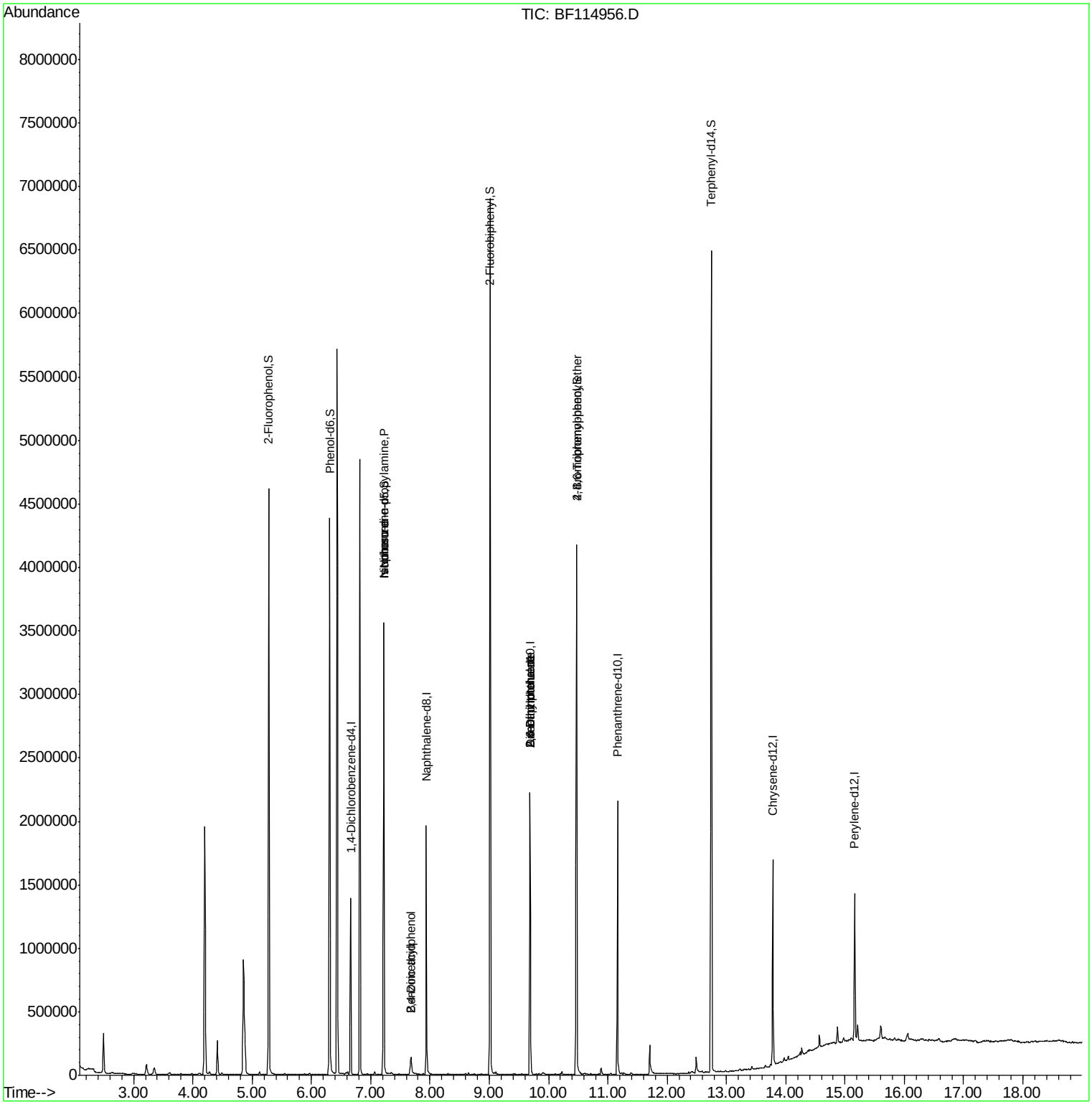
(#) = qualifier out of range (m) = manual integration (+) = signals summed

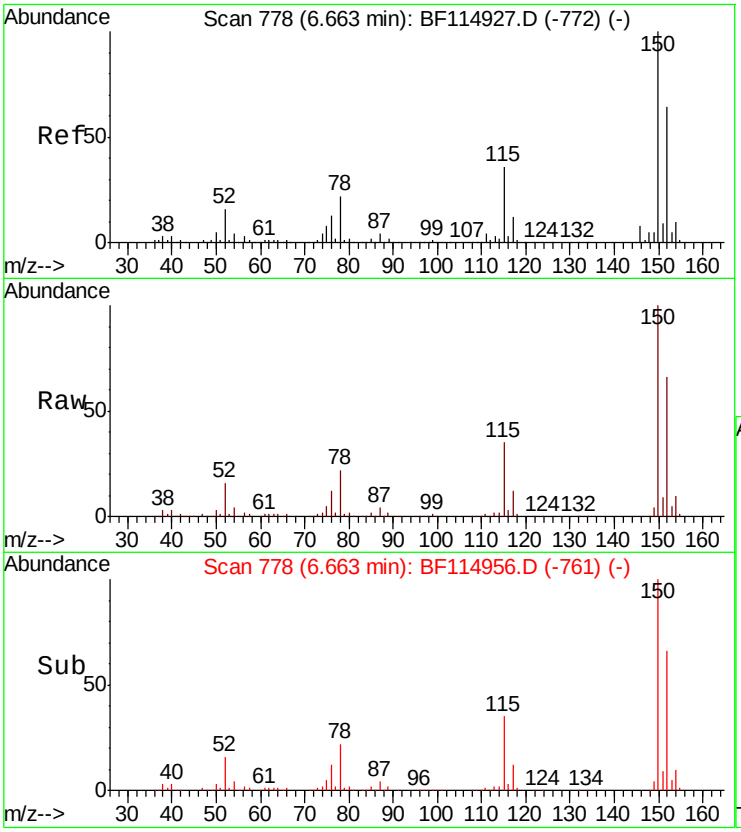
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114956.D
Acq On : 11 Jun 2019 21:08
Operator : HP/JU
Sample : K3163-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Quant Time: Jun 12 04:33:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



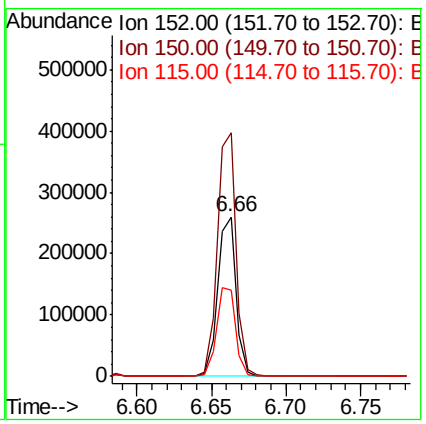


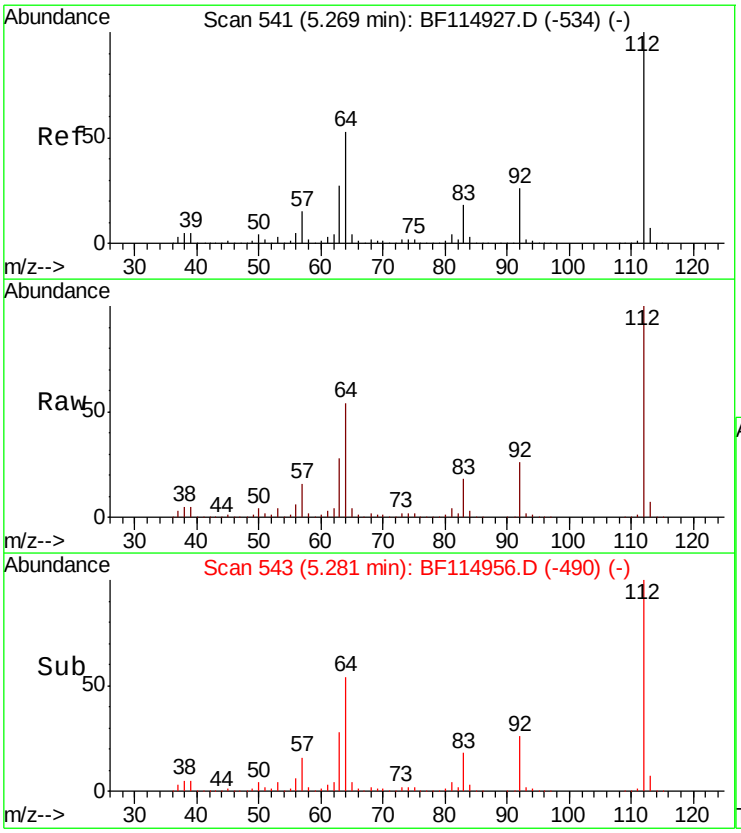
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:152 Resp: 225588

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.2	187.8
115	54.1	45.0	67.4

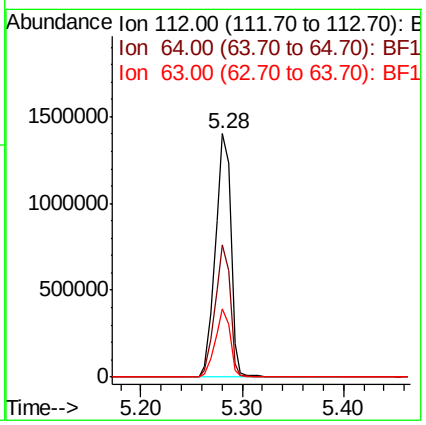


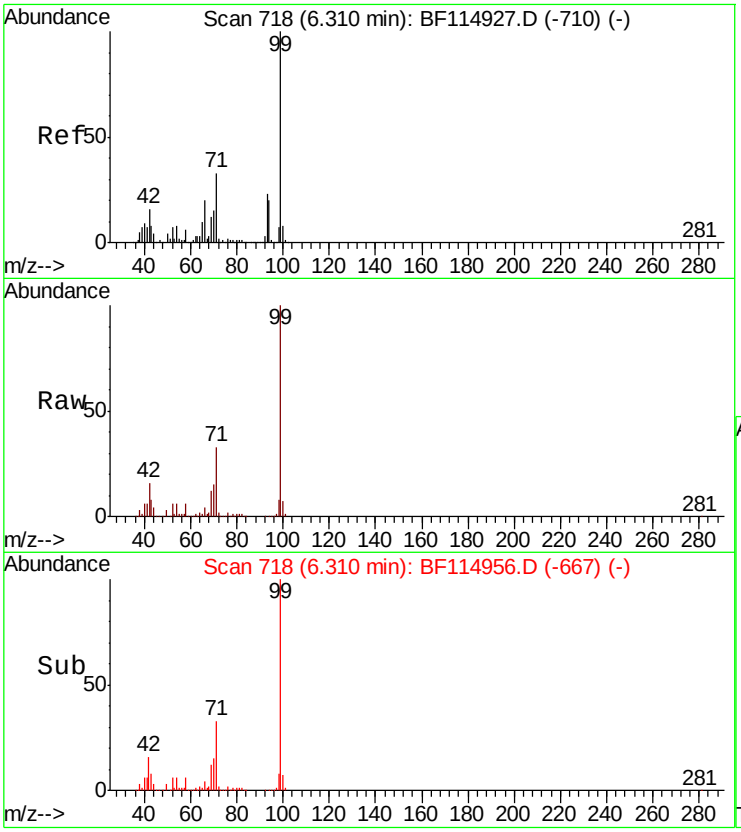


#5
2-Fluorophenol
Concen: 112.469 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:112 Resp: 1499133

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.1	63.1
63	28.0	21.8	32.8



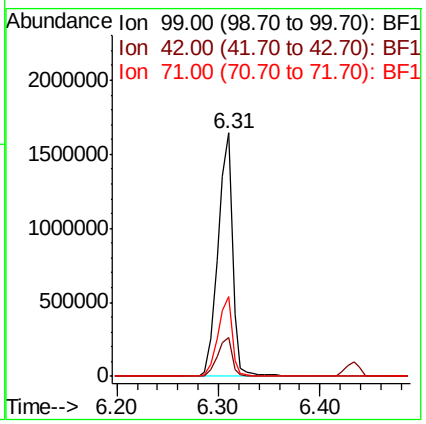


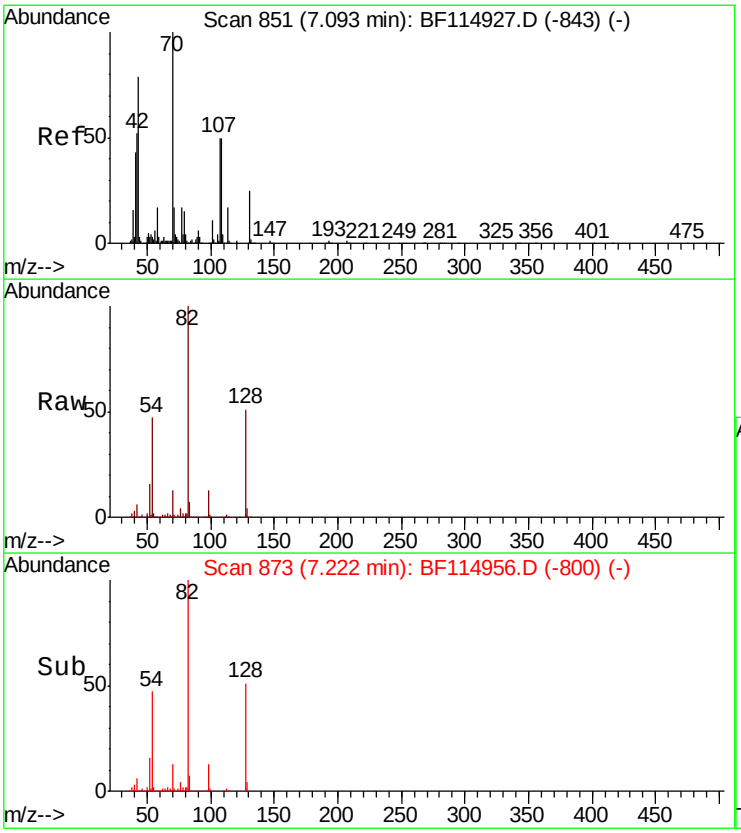
#7
Phenol-d6
Concen: 102.186 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion: 99 Resp: 1642913

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.1	19.7
71	32.8	26.8	40.2

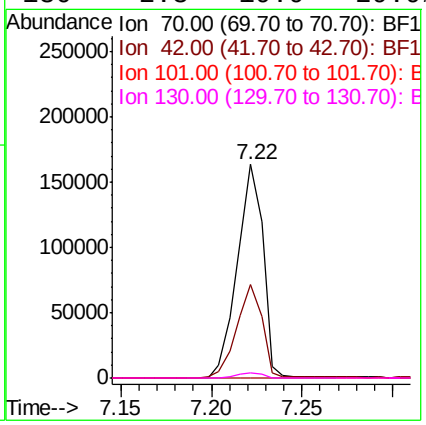


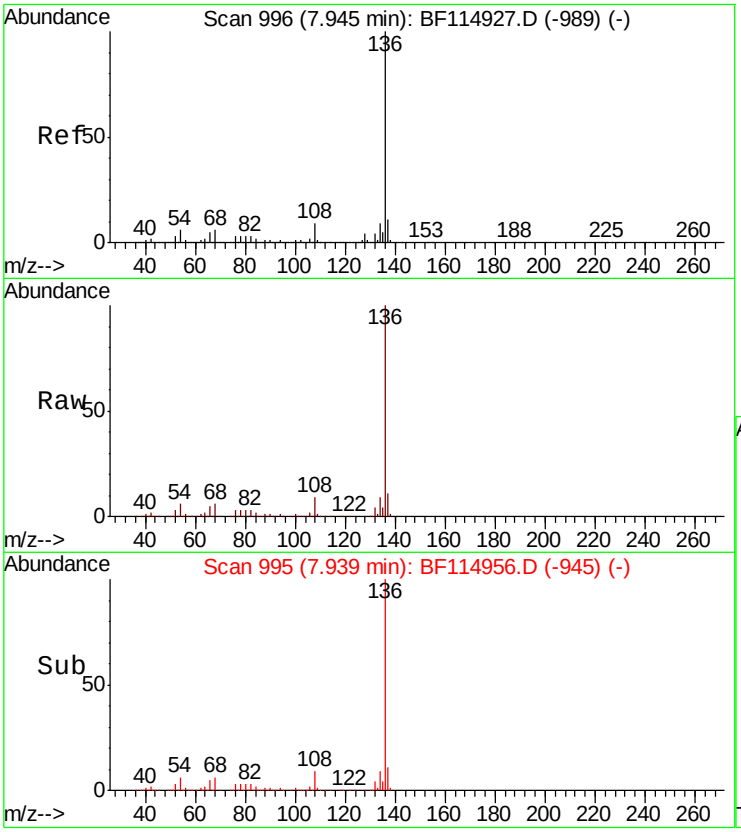


#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion: 70 Resp: 162575

Ion	Ratio	Lower	Upper
70	100		
42	43.8	41.7	62.5
101	0.0	8.4	12.6#
130	2.3	19.9	29.9#



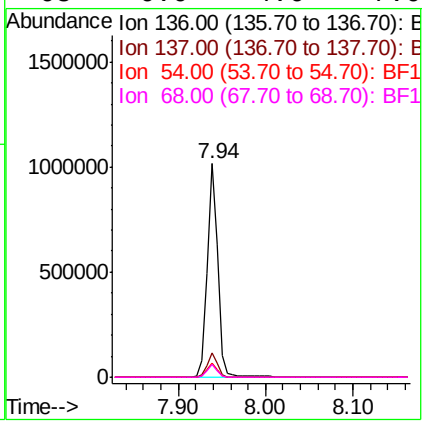


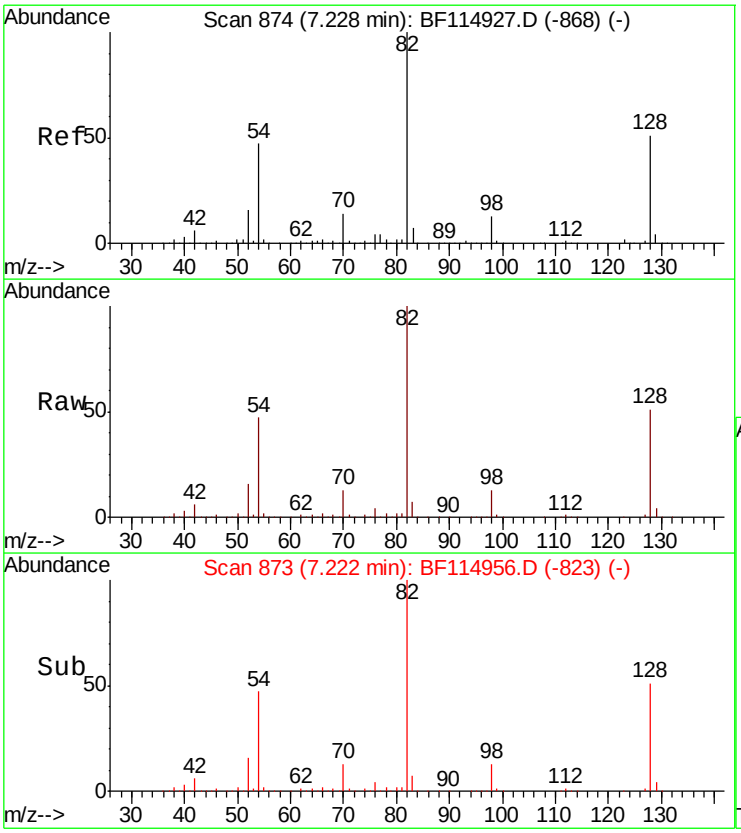
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:136 Resp: 852267

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.5	5.2	7.8
68	6.0	4.6	7.0

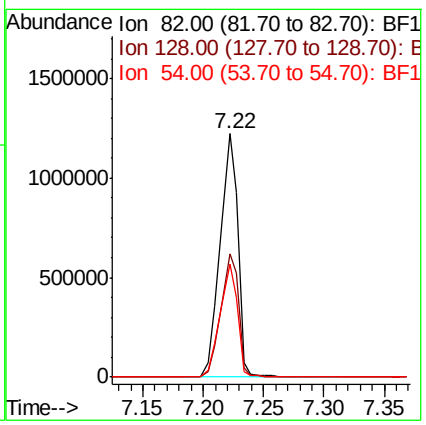


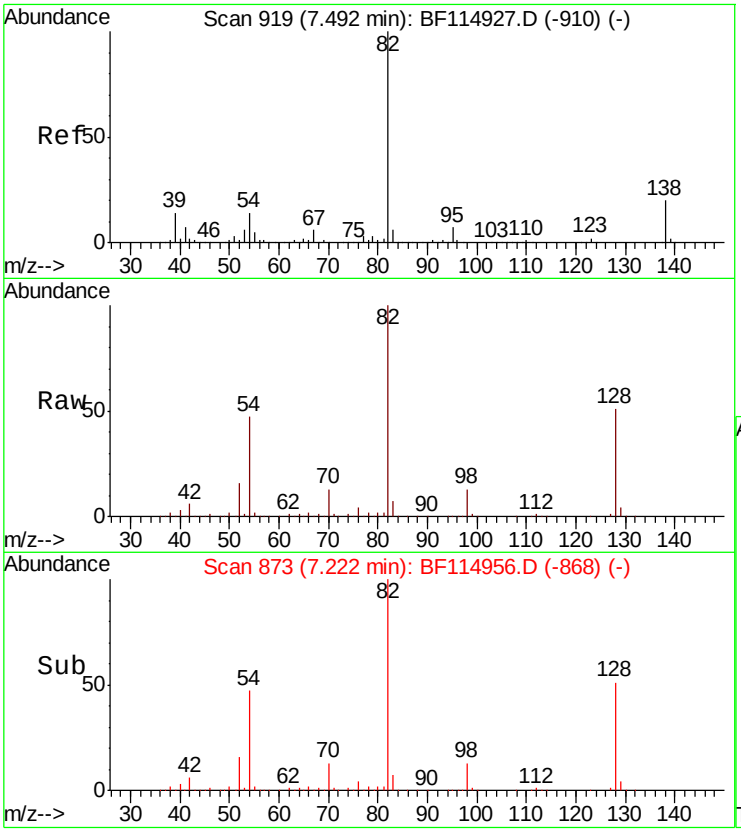


#23
Nitrobenzene-d5
Concen: 89.683 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion: 82 Resp: 1243998

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.9	61.3
54	46.6	37.4	56.0



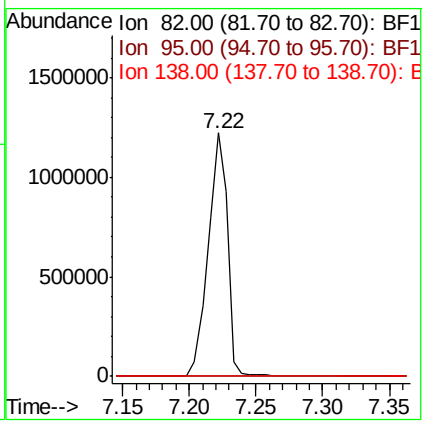


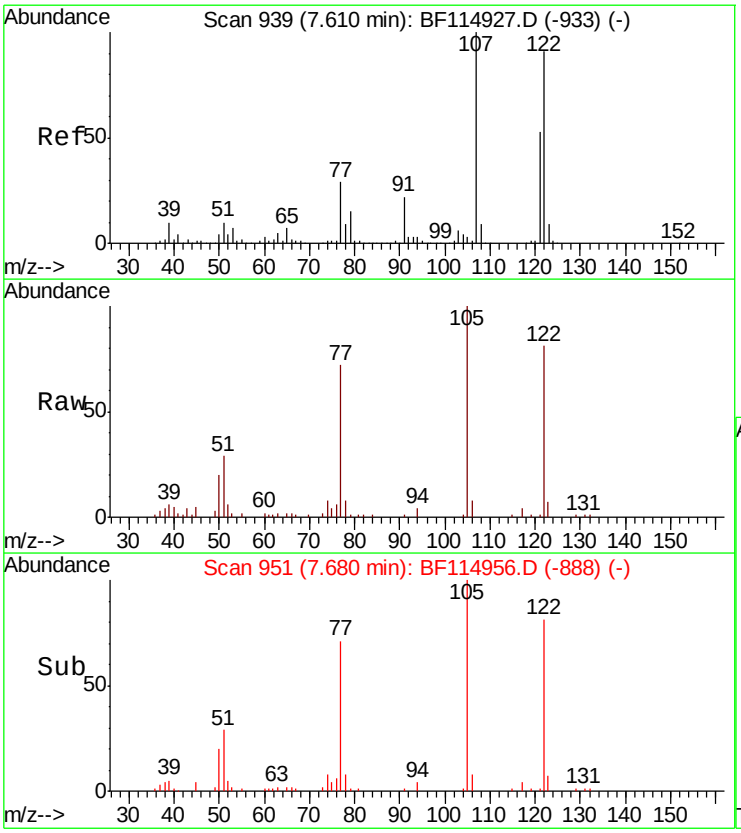
#25
Isophorone
Concen: 45.216 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.27 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion: 82 Resp: 1228196

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	16.4	24.6#

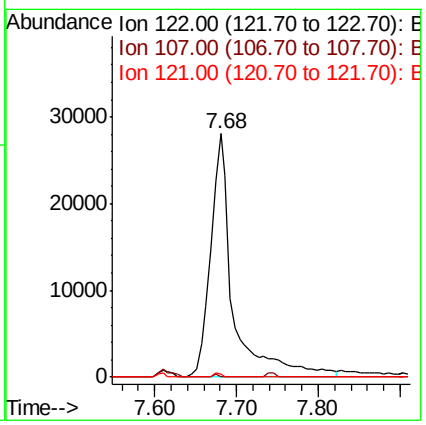


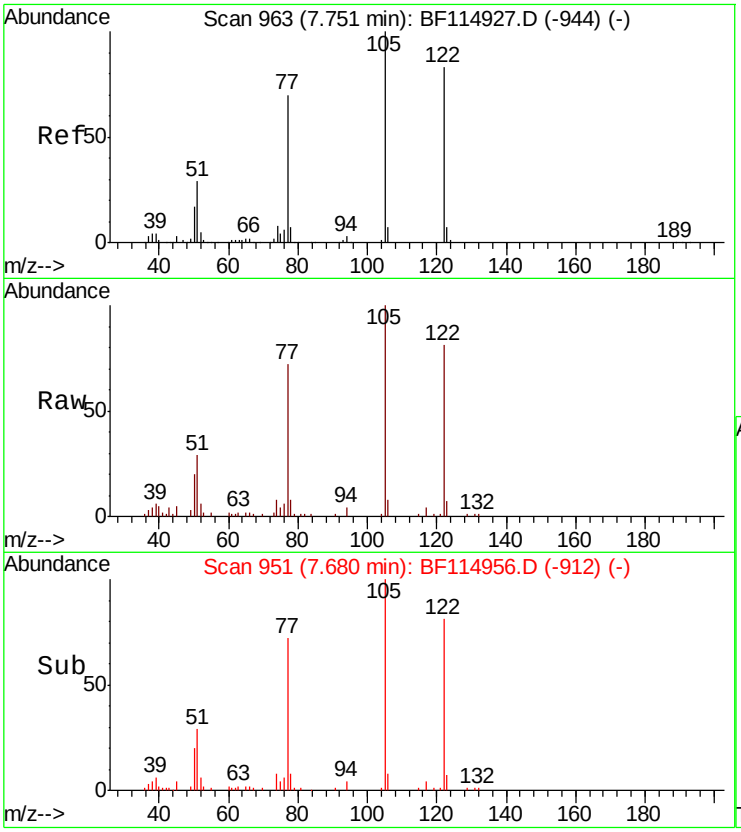


#27
2,4-Dimethylphenol
Concen: 4.626 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.07 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:122 Resp: 54262

Ion	Ratio	Lower	Upper
122	100		
107	0.0	88.0	132.0#
121	1.4	47.0	70.6#



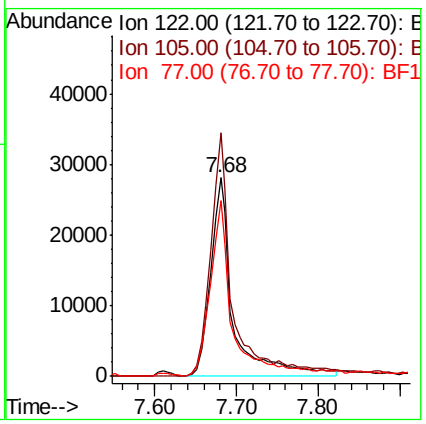


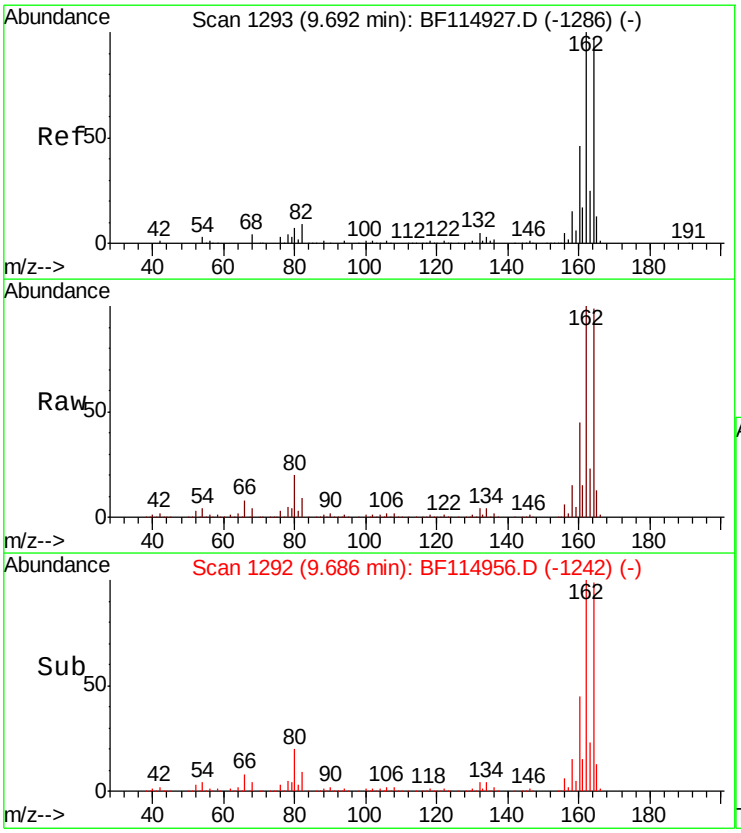
#32
Benzoic acid
Concen: 6.192 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.07 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:122 Resp: 54262

Ion	Ratio	Lower	Upper
122	100		
105	122.7	97.7	137.7
77	88.5	63.0	103.0

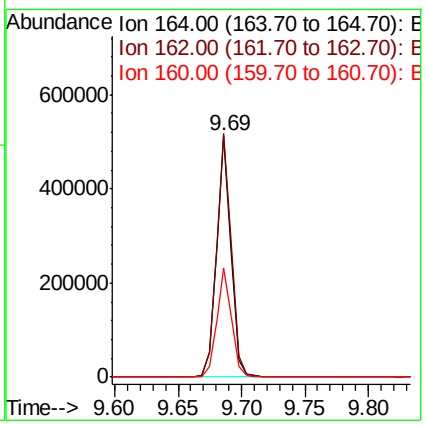


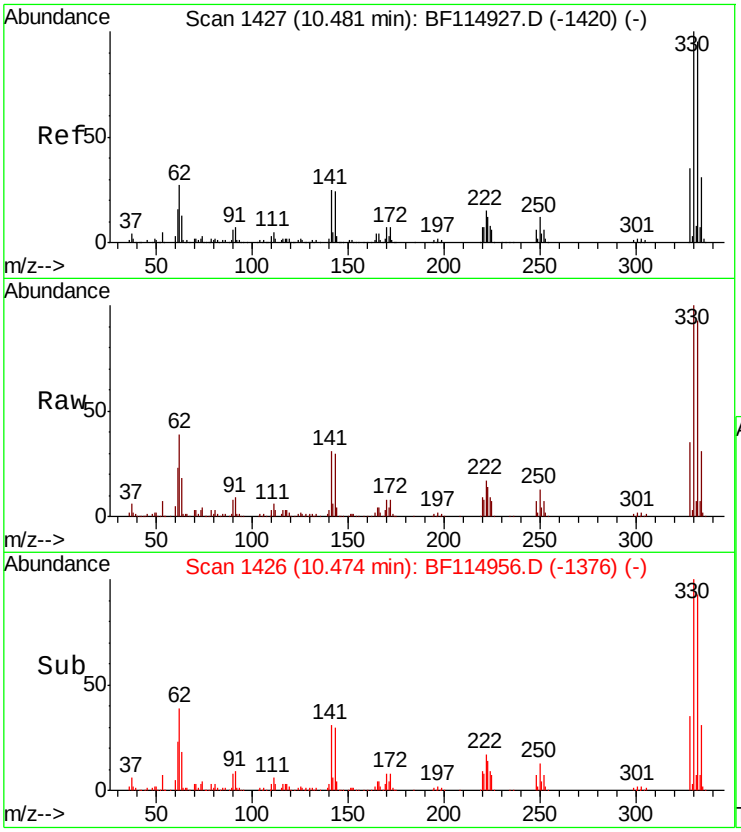


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:164 Resp: 411816

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.1	37.5	56.3



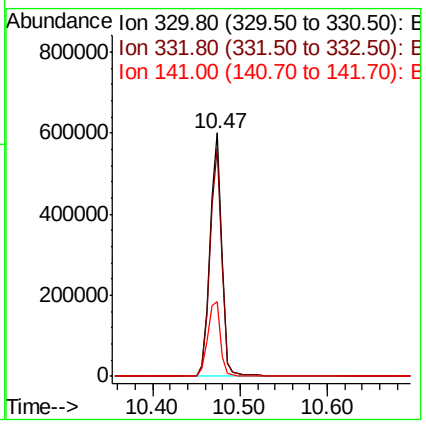


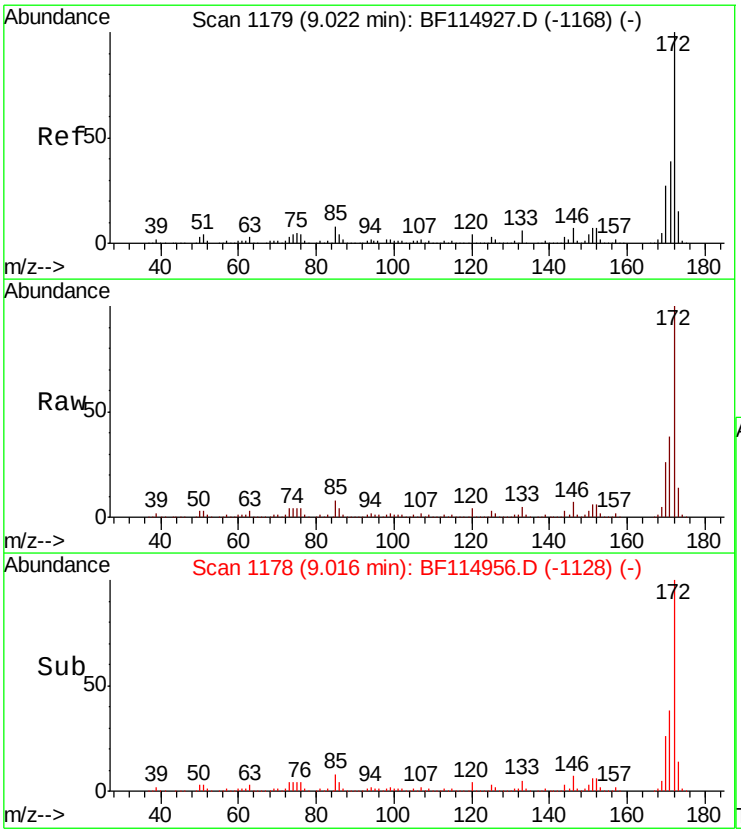
#42
2,4,6-Tribromophenol
Concen: 125.866 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:330 Resp: 563851

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	33.6	26.8	40.2

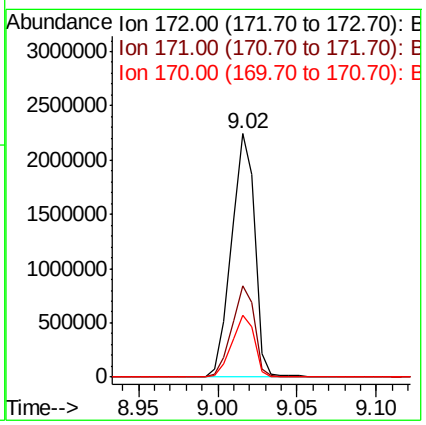


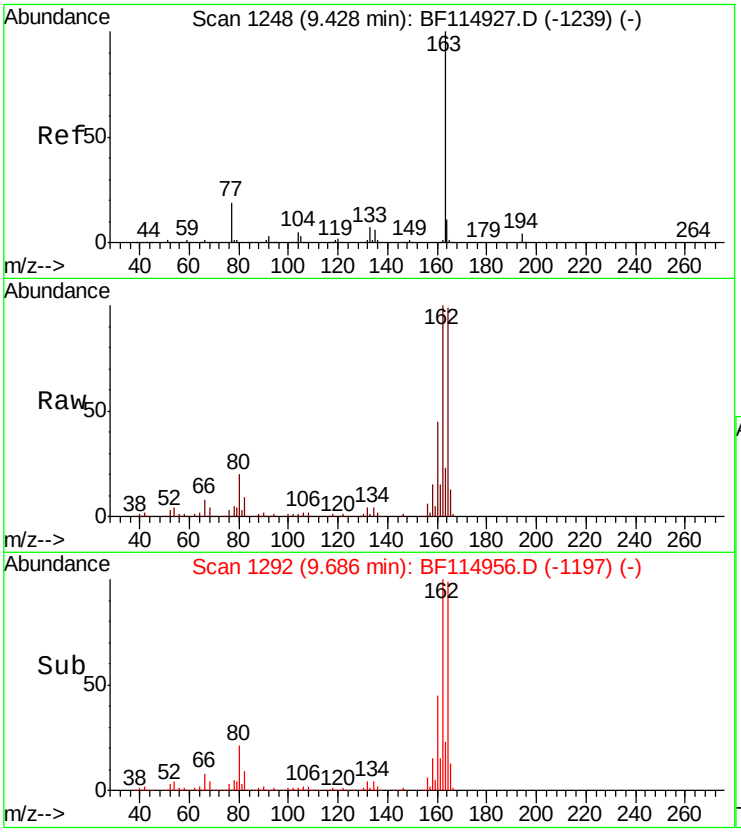


#45
2-Fluorobiphenyl
Concen: 88.008 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:172 Resp: 2283663

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.7	21.4	32.0



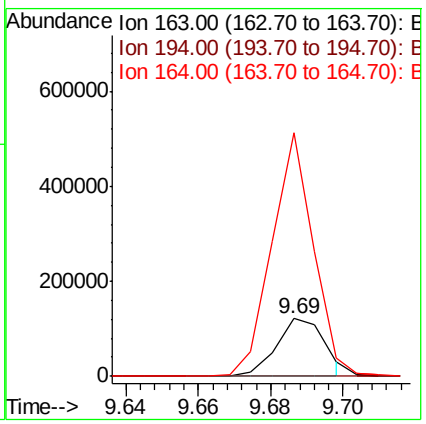


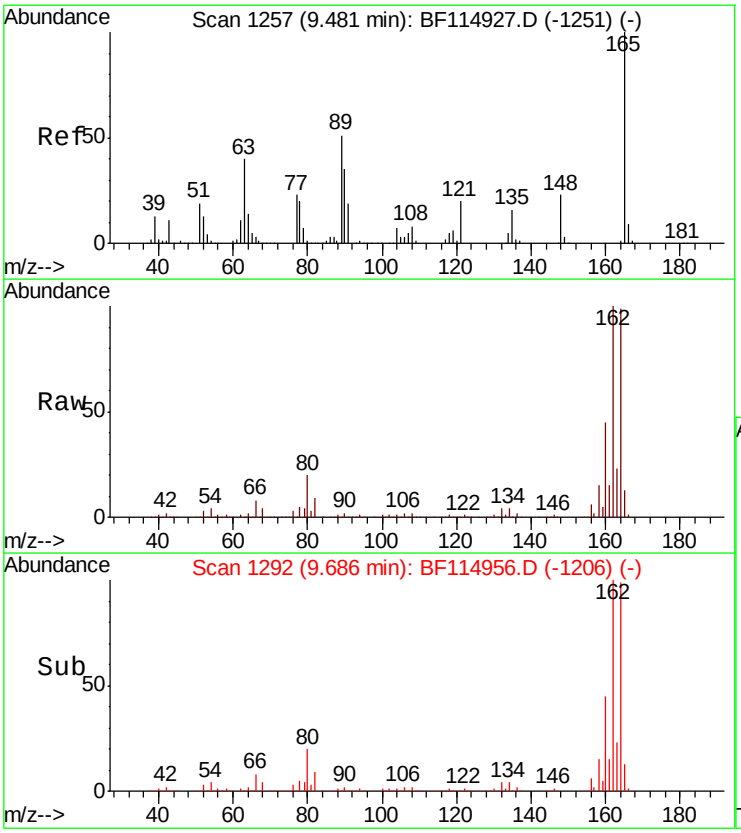
#50
Dimethylphthalate
Concen: 3.658 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.26 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:163 Resp: 113207

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	423.3	8.7	13.1#

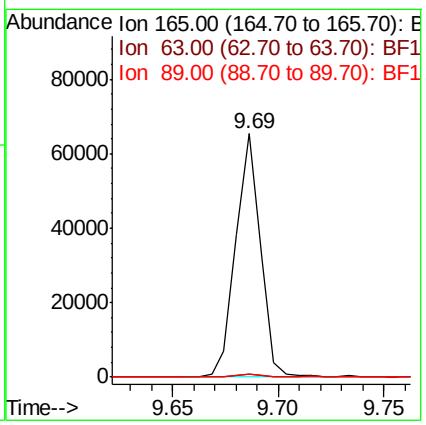


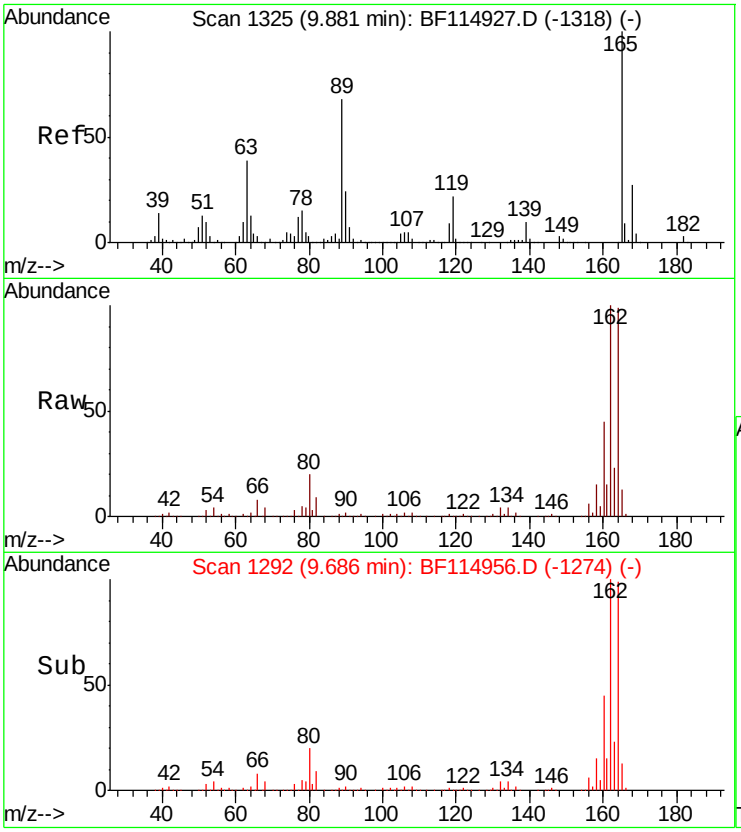


#51
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:165 Resp: 52509

Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.3	57.5#
89	1.4	40.8	61.2#



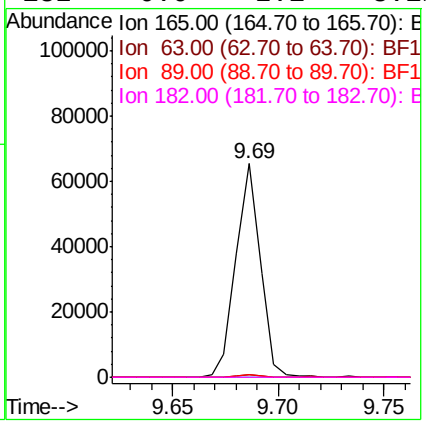


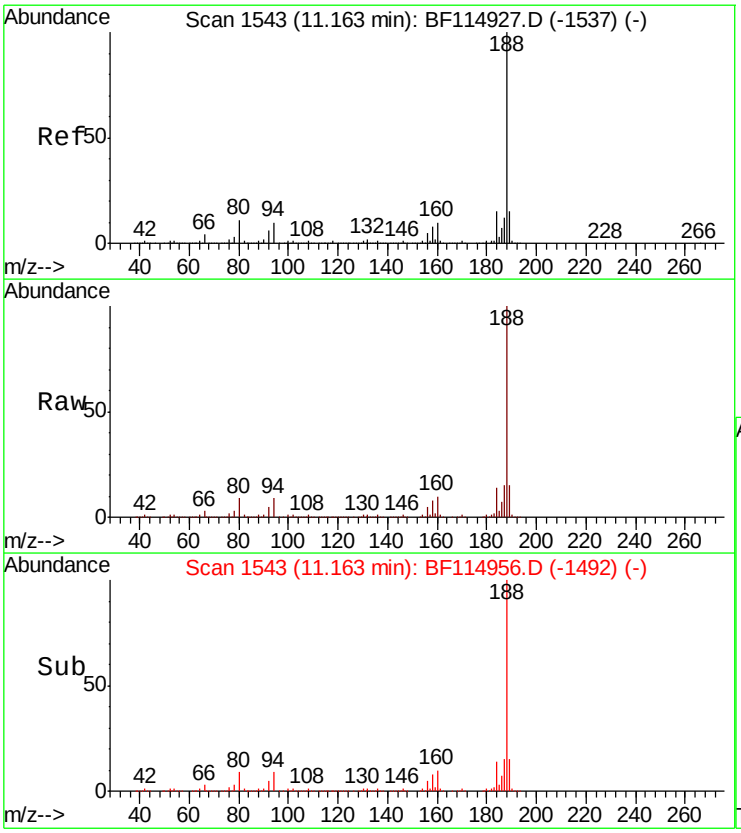
#57
2,4-Dinitrotoluene
Concen: 5.843 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.19 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:165 Resp: 52509

Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.8	47.6#
89	1.4	54.2	81.2#
182	0.0	2.1	3.1#

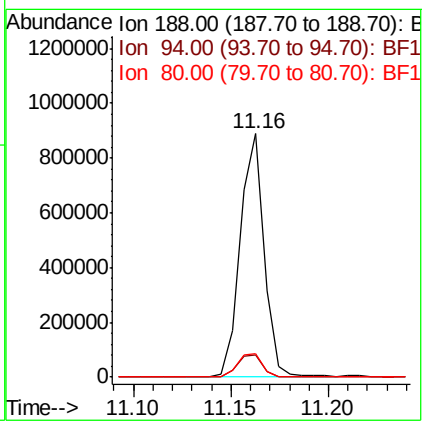


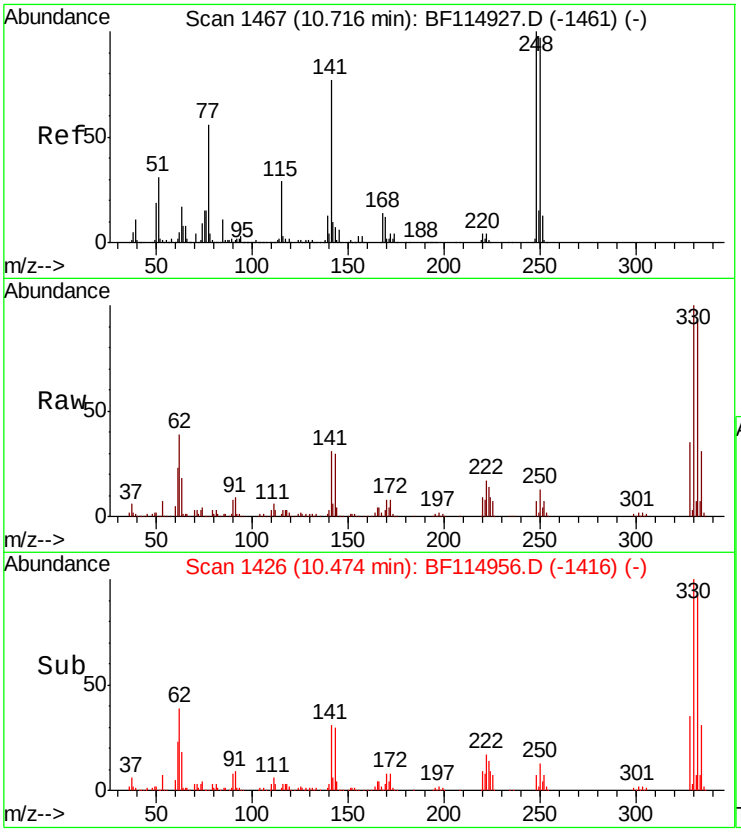


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:188 Resp: 755224

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.5	8.6	12.8



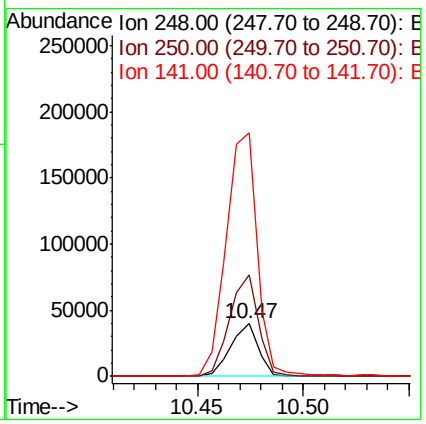


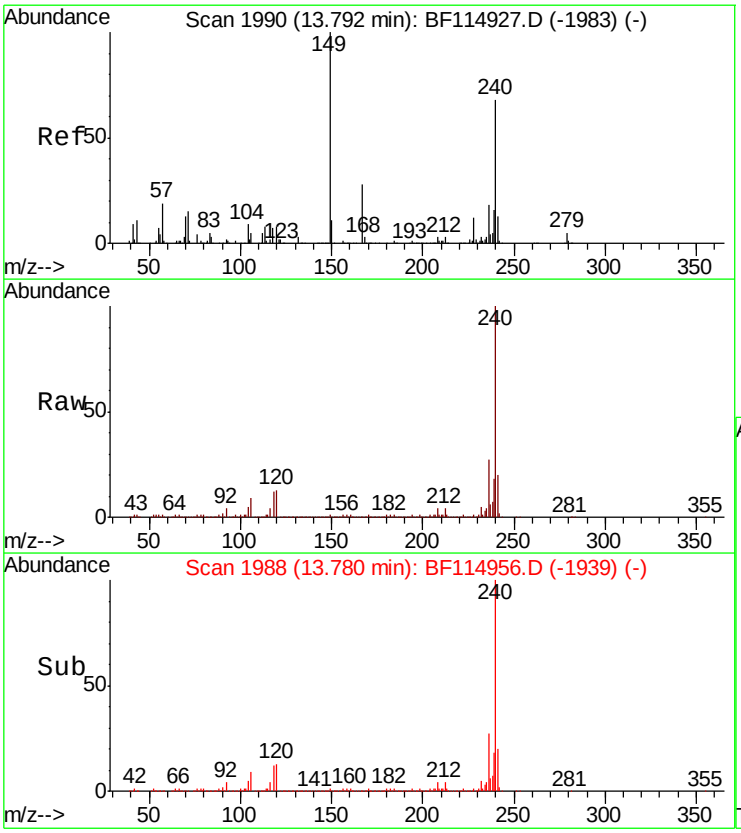
#67
4-Bromophenyl-phenylether
Concen: 4.425 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.24 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:248 Resp: 36198

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.4	116.0#
141	463.2	61.8	92.6#

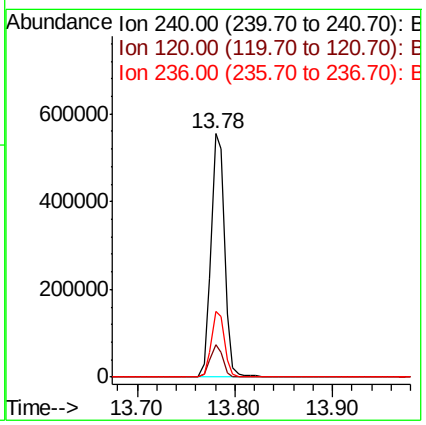


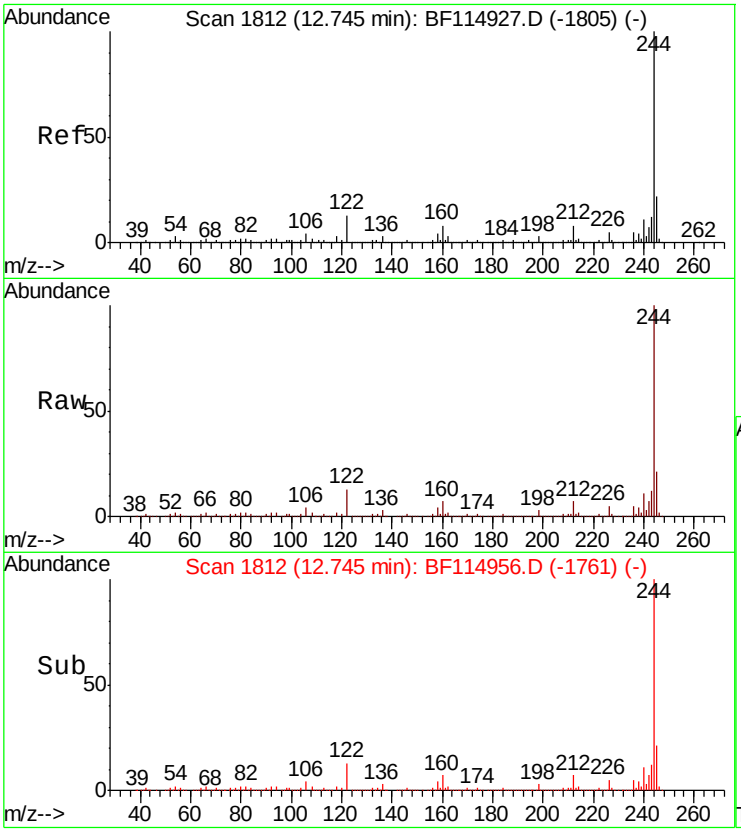


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:240 Resp: 540533

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.2	13.8
236	27.2	21.7	32.5



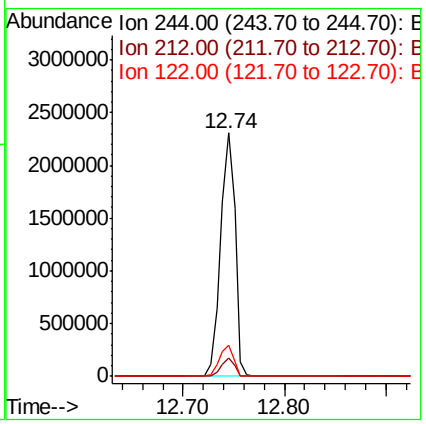


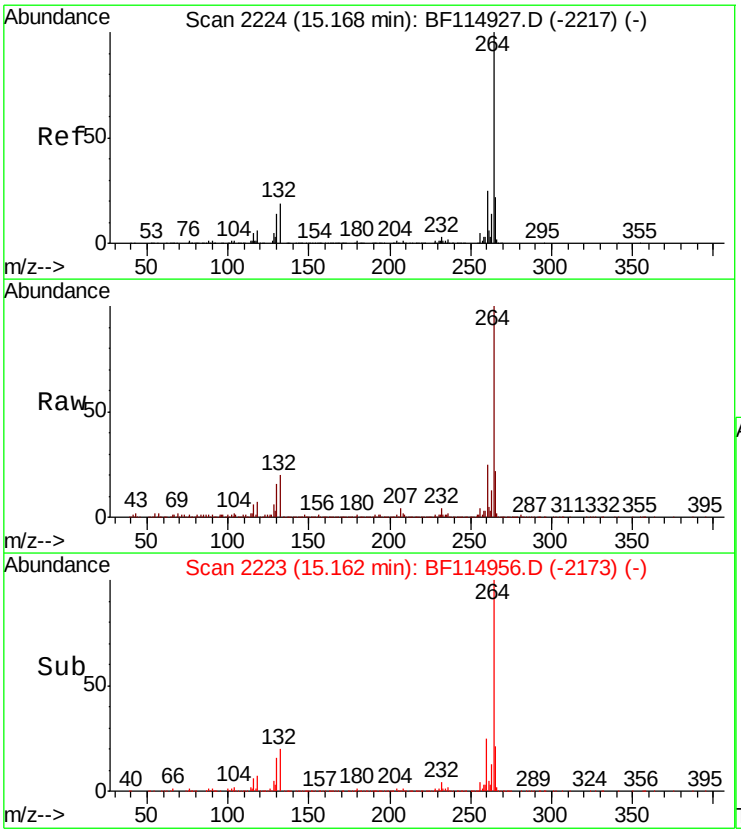
#79
Terphenyl-d14
Concen: 84.890 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tgt Ion:244 Resp: 2307313

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.5	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:264 Resp: 505642

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.5	26.3