Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114903.D
Acq On : 7 Jun 2019 21:14
Operator : HP/JU
Sample : K3193-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-4-OW

Quant Time: Jun 08 05:17:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	350526	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1321266	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	660185	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1271611	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	1015217	20.00	ng	-0.02
87) Perylene-d12	15.15	264	1015500	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	950427	47.38	ng	0.00
7) Phenol-d6	6.29	99	1208938	49.53	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1809503	84.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	599144	84.21	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	3208883	91.05	ng	-0.01
79) Terphenyl-d14	12.74	244	3010309	57.67	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	243170	15.049	ng	# 77
25) Isophorone	7.22	82	1763234	41.554	ng	# 61
51) 2,6-Dinitrotoluene	9.68	165	85620	7.550	ng	# 33
57) 2,4-Dinitrotoluene	9.68	165	85621	6.006	ng	# 32
58) Fluorene	10.23	166	4091	Below Cal		# 86
67) 4-Bromophenyl-phenylether	10.47	248	39059	2.704	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
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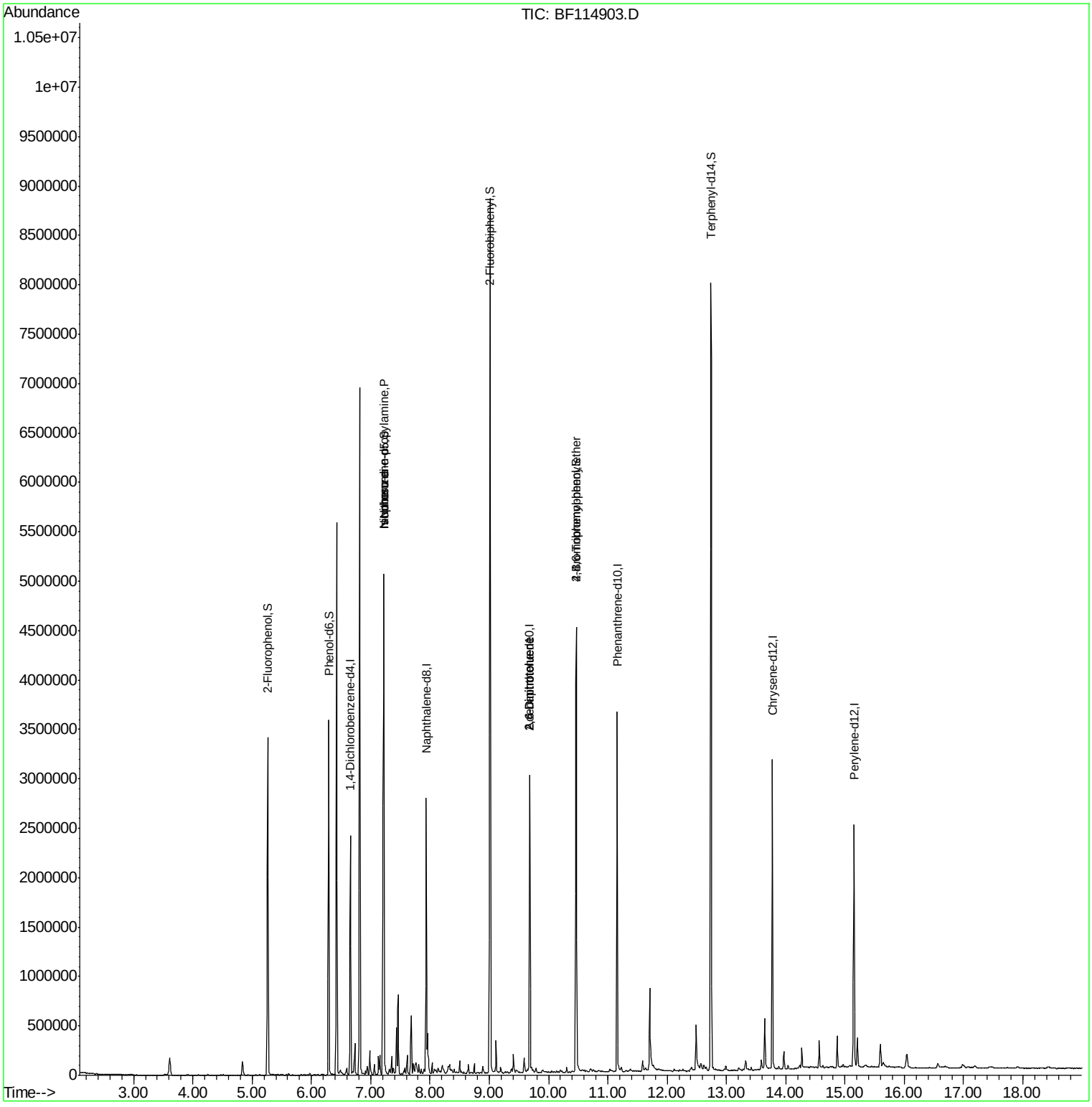
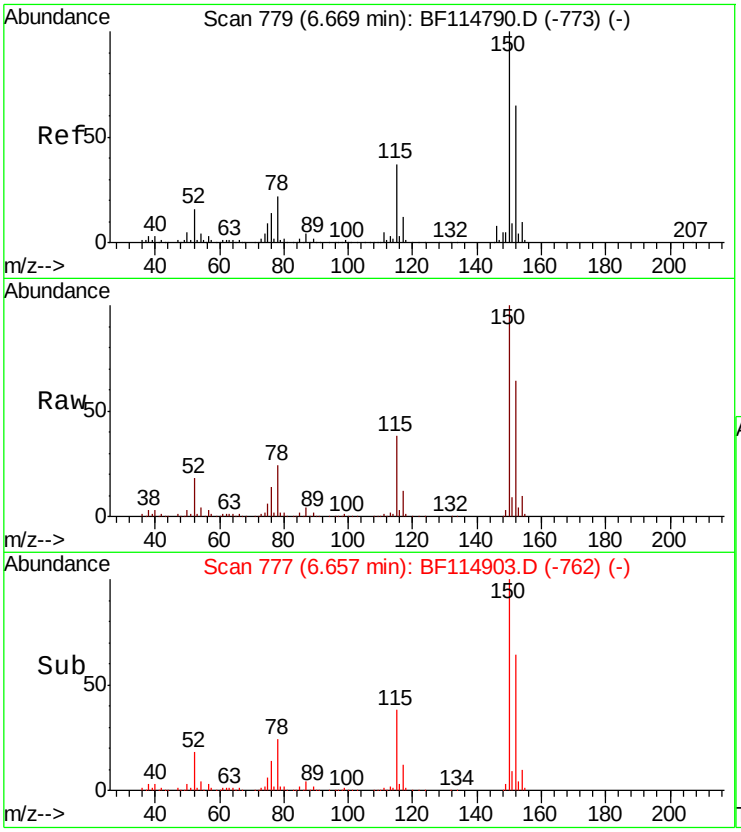
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



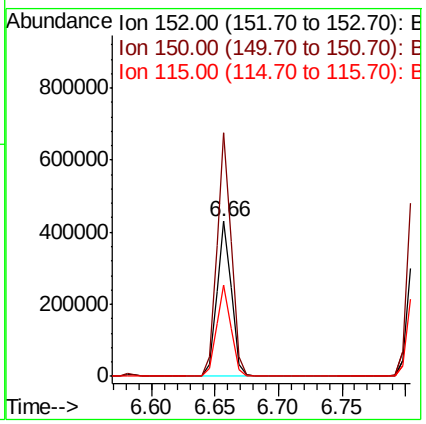


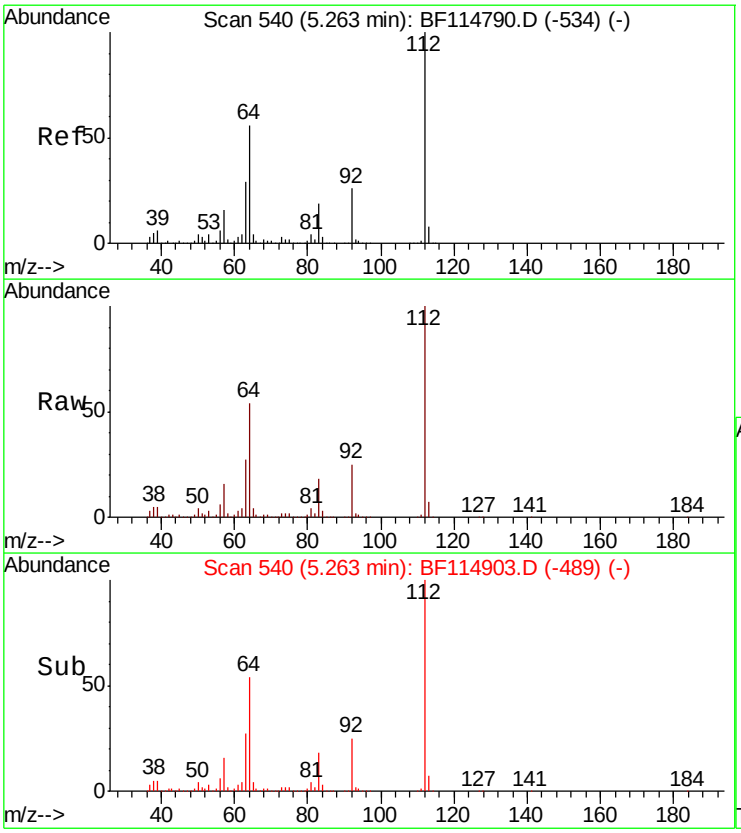
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:152 Resp: 350526

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	59.2	46.3	69.5

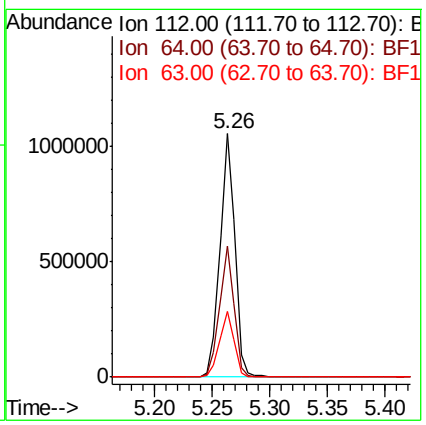


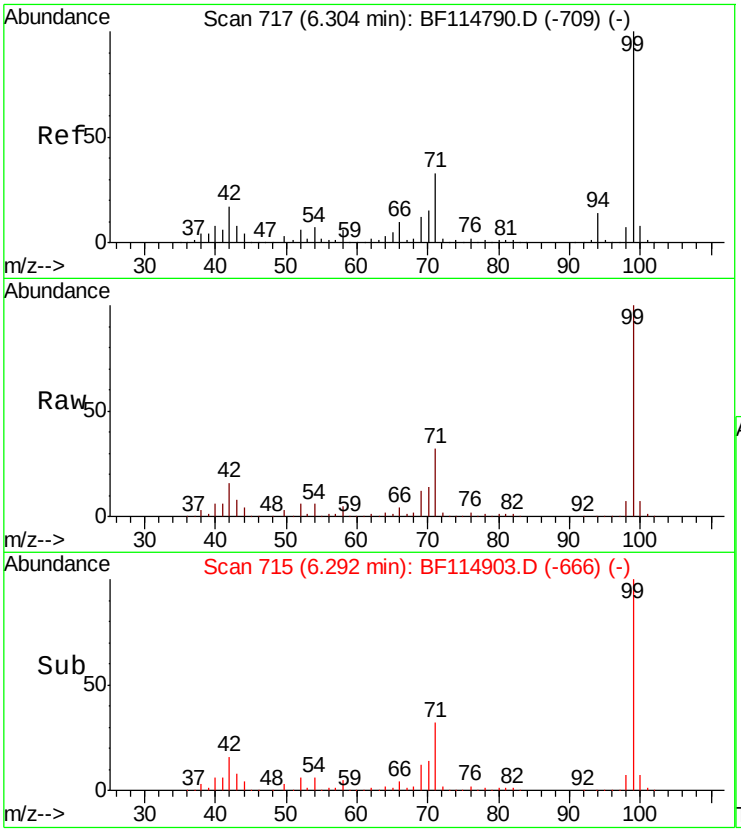


#5
2-Fluorophenol
Concen: 47.378 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:112 Resp: 950427

Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.6	66.8
63	26.9	23.0	34.4



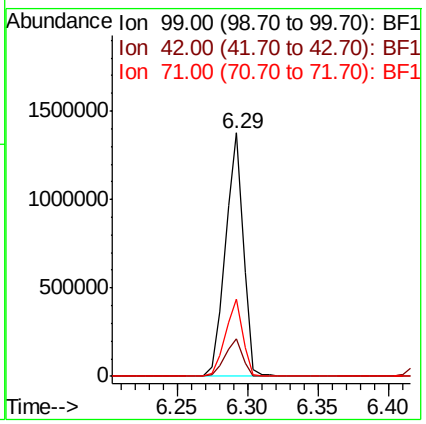


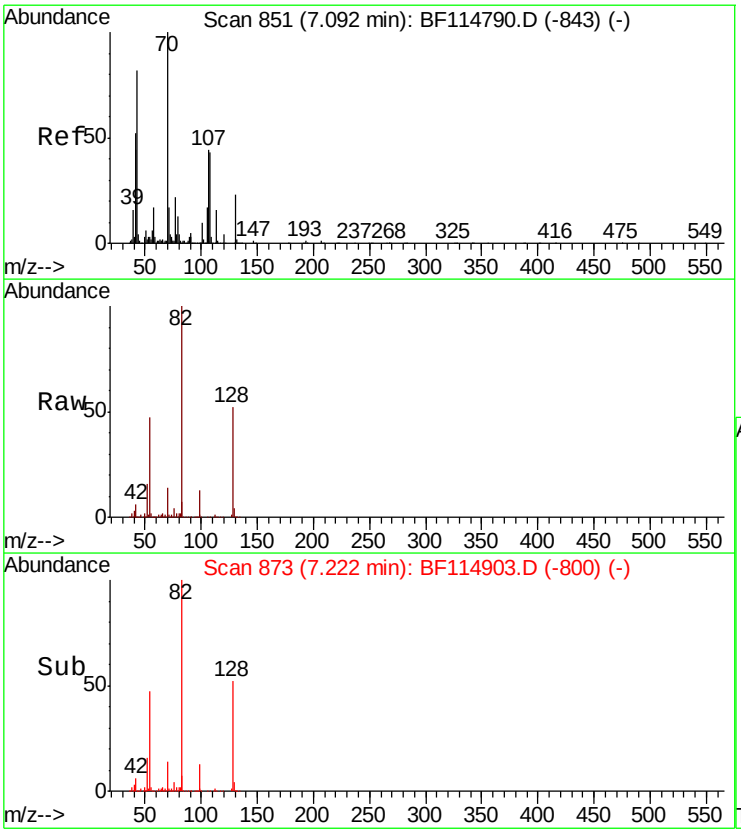
#7
Phenol-d6
Concen: 49.527 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion: 99 Resp: 1208938

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.3	19.9
71	31.8	26.3	39.5

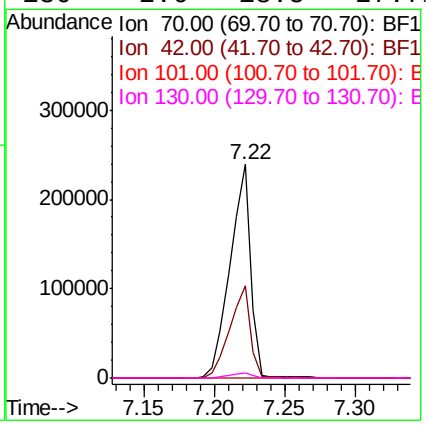


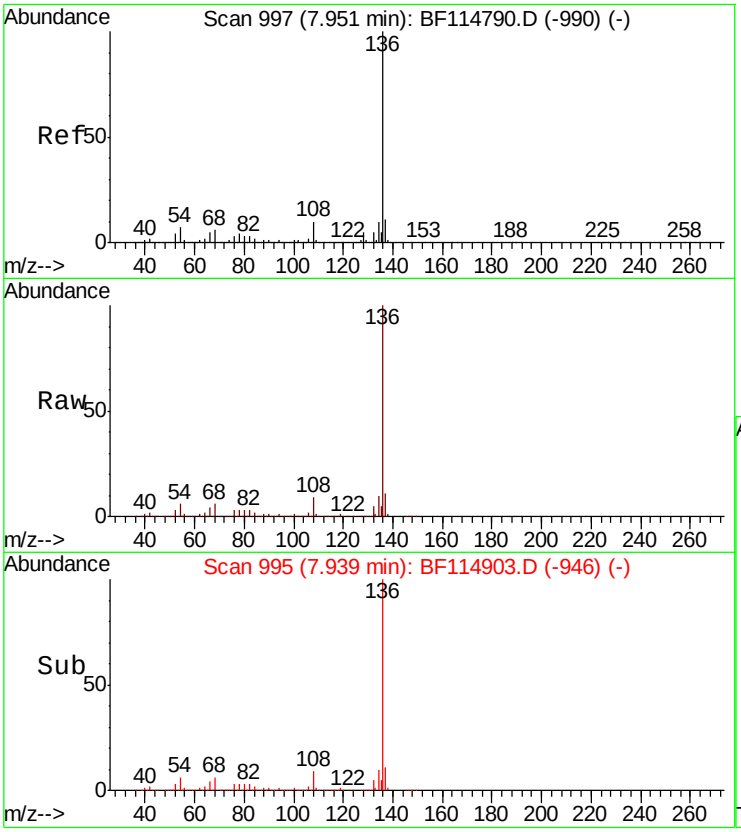


#19
n-Nitroso-di-n-propylamine
Concen: 15.049 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion: 70 Resp: 243170

Ion	Ratio	Lower	Upper
70	100		
42	43.2	41.8	62.8
101	0.0	8.2	12.4#
130	2.6	18.5	27.7#



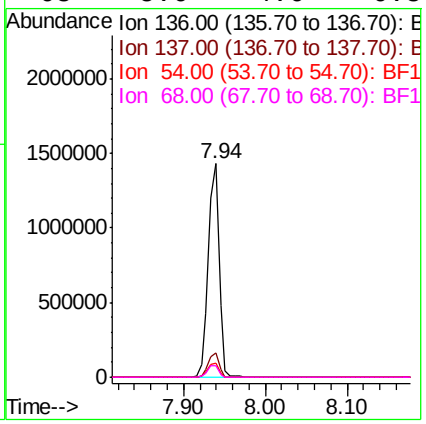


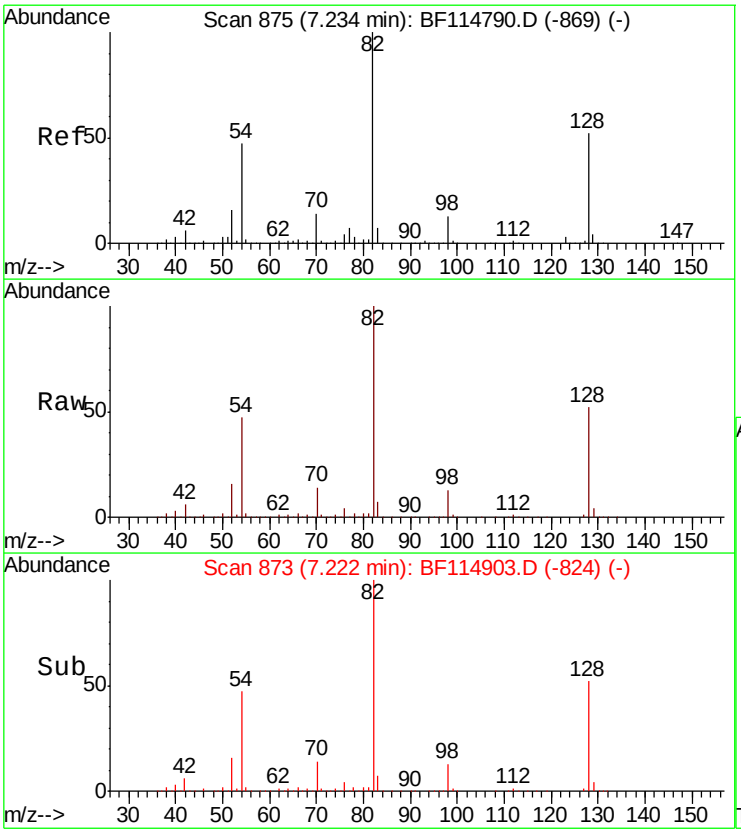
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:136 Resp: 1321266

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	5.4	8.0
68	5.6	4.6	6.8

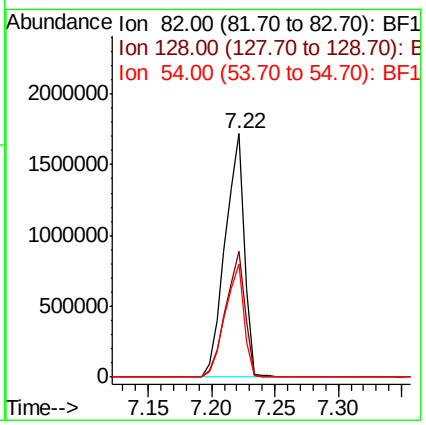


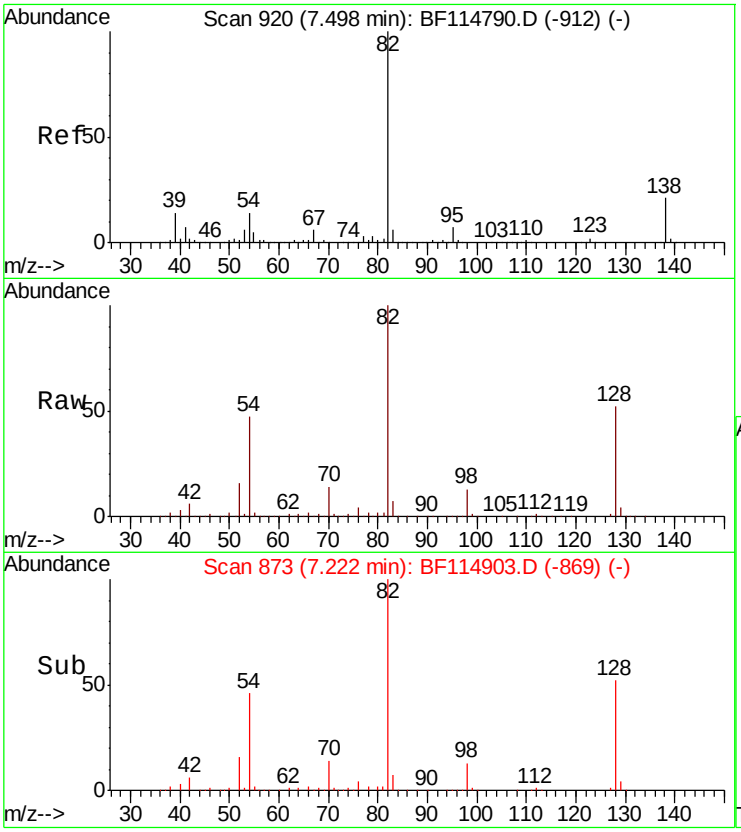


#23
Nitrobenzene-d5
Concen: 84.306 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion: 82 Resp: 1809503

Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	46.6	37.9	56.9



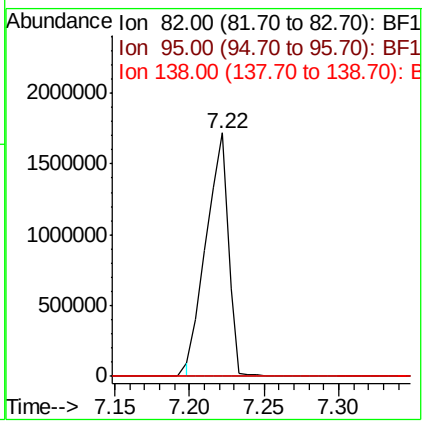


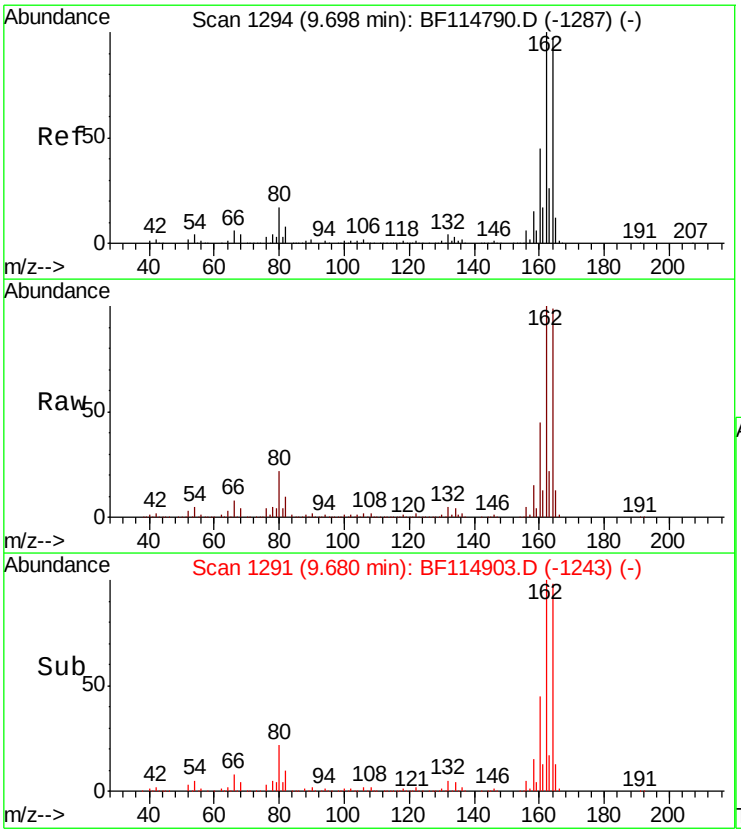
#25
Isophorone
Concen: 41.554 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion: 82 Resp: 1763234

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.9	25.3#

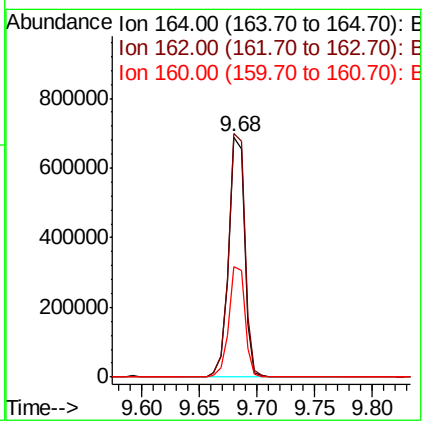


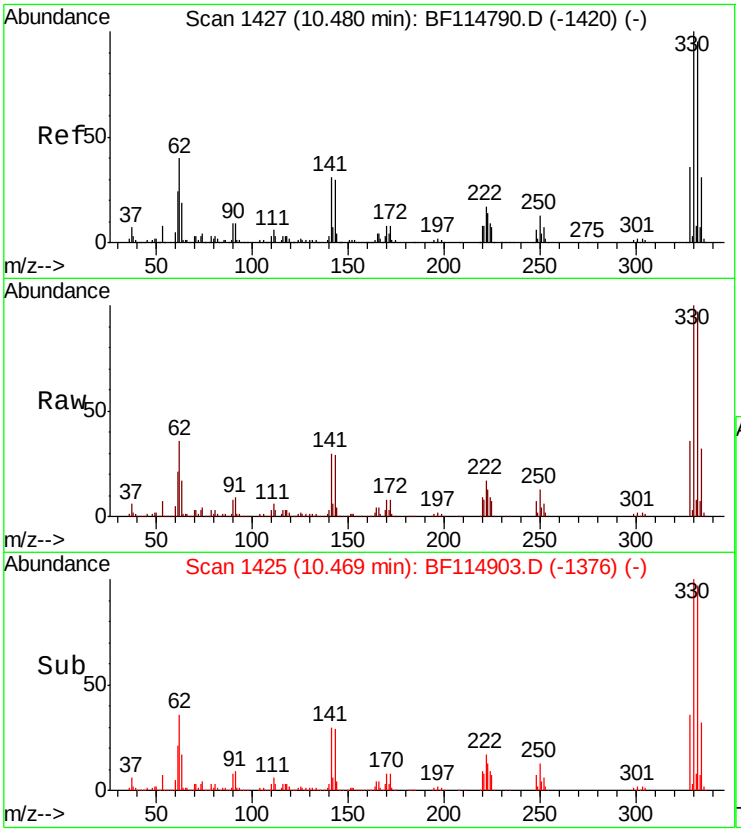


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:164 Resp: 660185

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.3	123.5
160	45.9	36.7	55.1



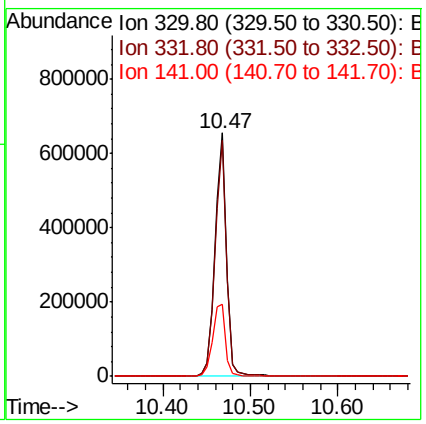


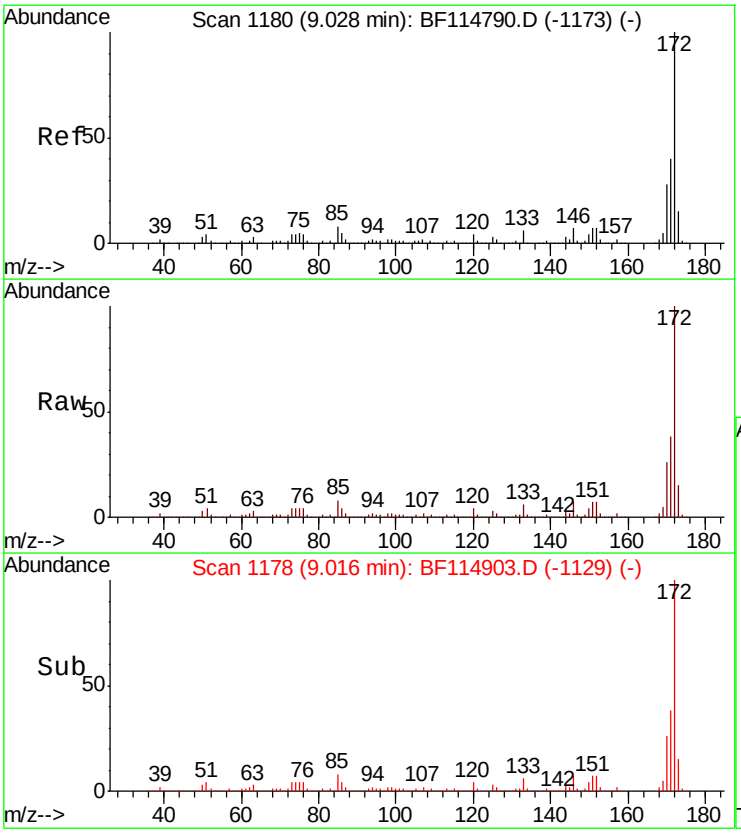
#42
2,4,6-Tribromophenol
Concen: 84.214 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:330 Resp: 599144

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.8	26.2	39.4

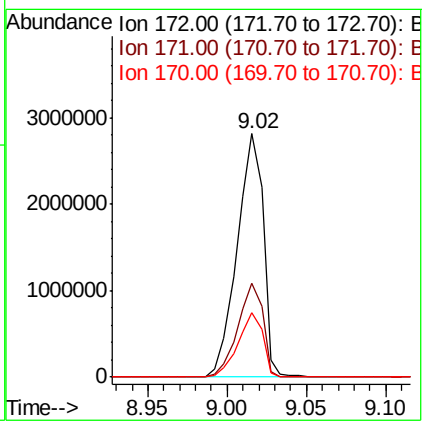


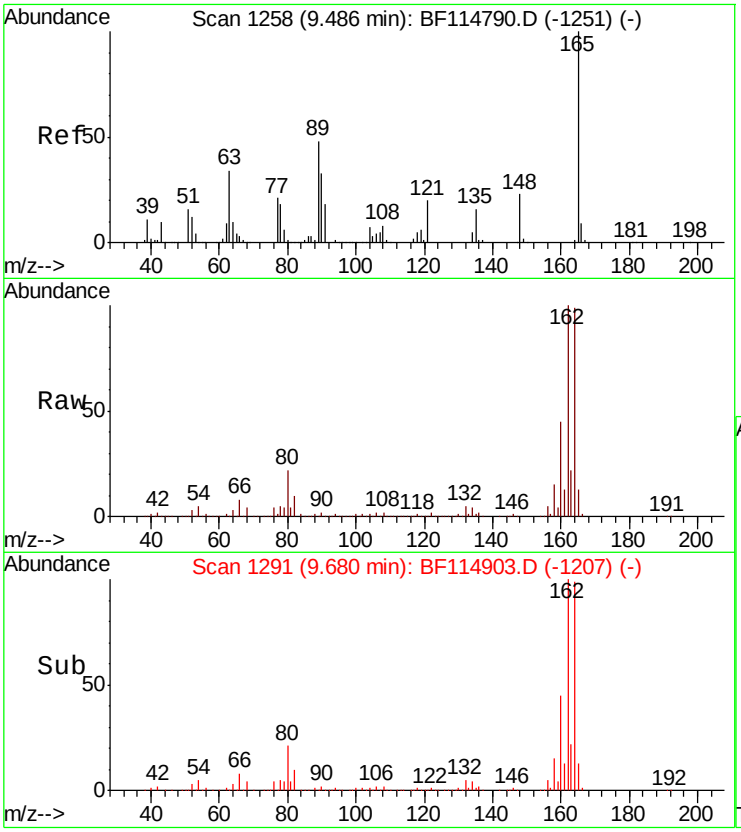


#45
2-Fluorobiphenyl
Concen: 91.052 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:172 Resp: 3208883

Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.3	48.5
170	26.4	22.4	33.6



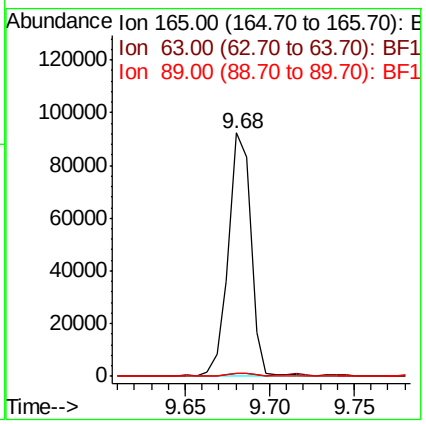


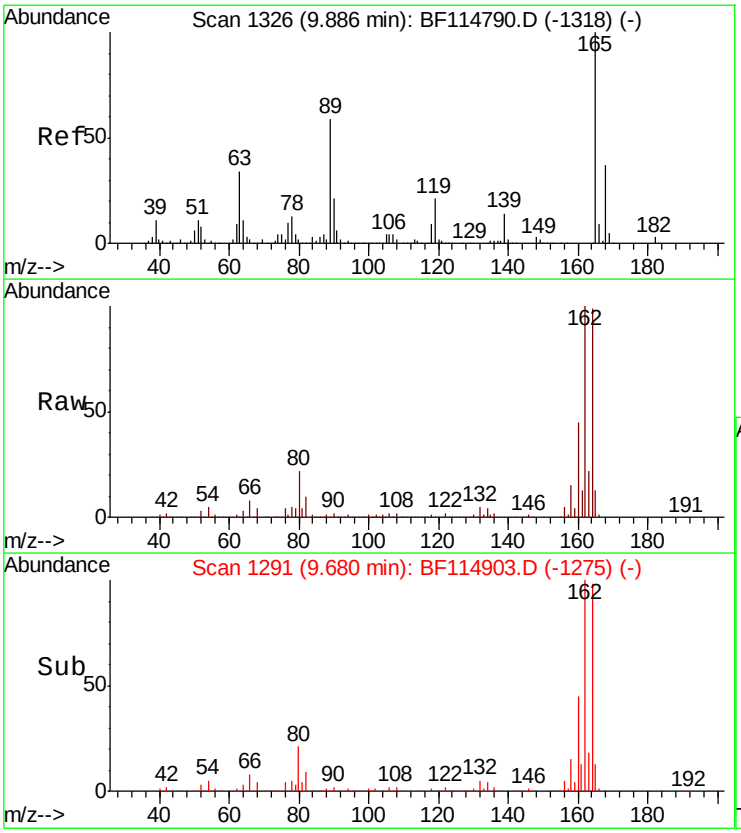
#51
2,6-Dinitrotoluene
Concen: 7.550 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:165 Resp: 85620

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.1	52.7#
89	1.4	38.2	57.2#

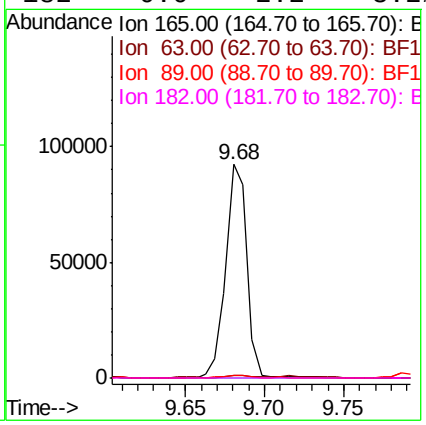


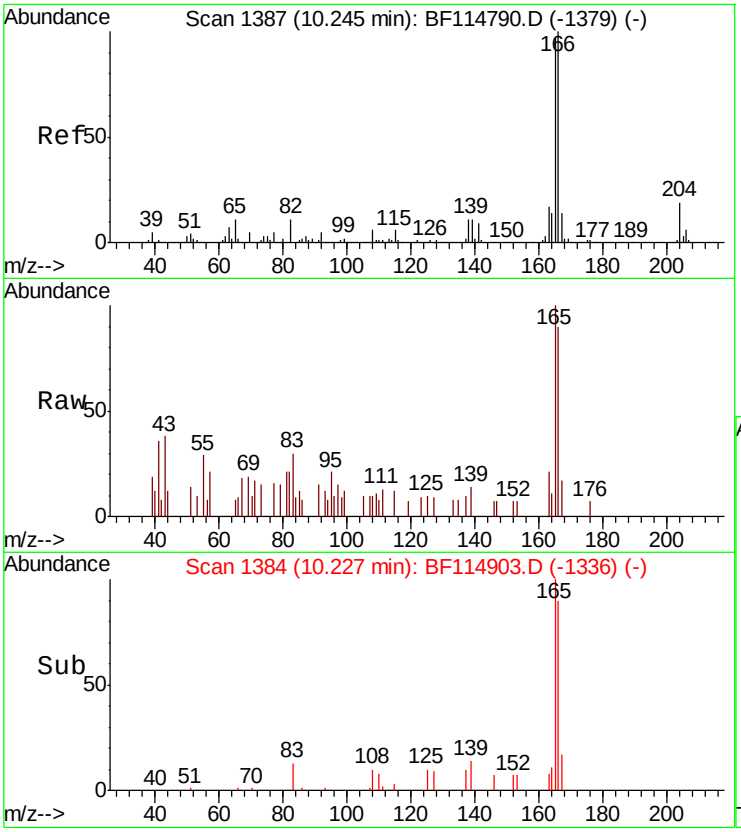


#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:165 Resp: 85621

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.0	40.4#
89	1.4	47.0	70.6#
182	0.0	2.2	3.2#



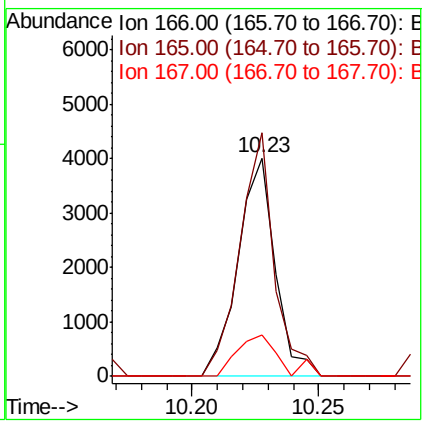


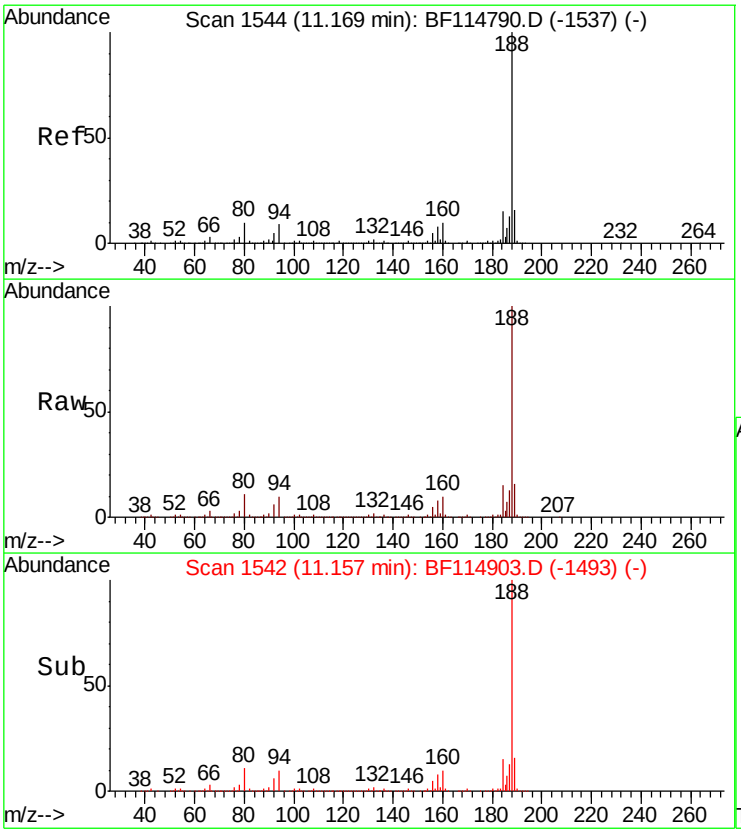
#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:166 Resp: 4091

Ion	Ratio	Lower	Upper
166	100		
165	111.6	77.9	116.9
167	18.9	11.3	16.9#

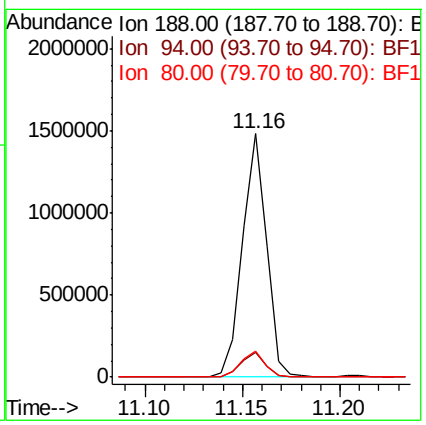


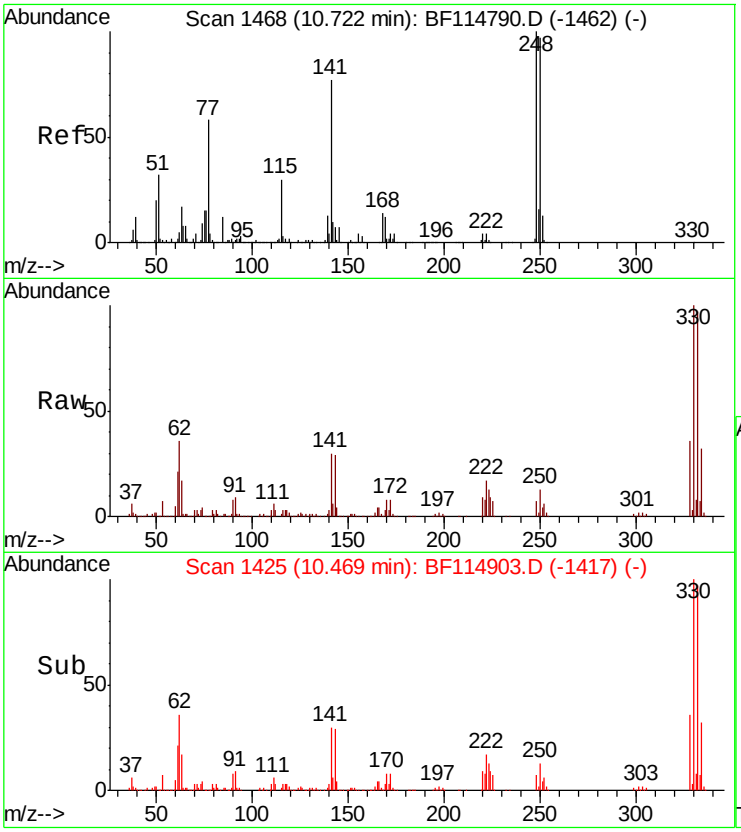


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:188 Resp: 1271611

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.6	11.4
80	10.6	8.3	12.5



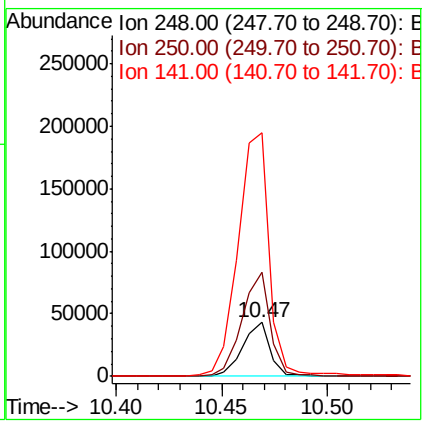


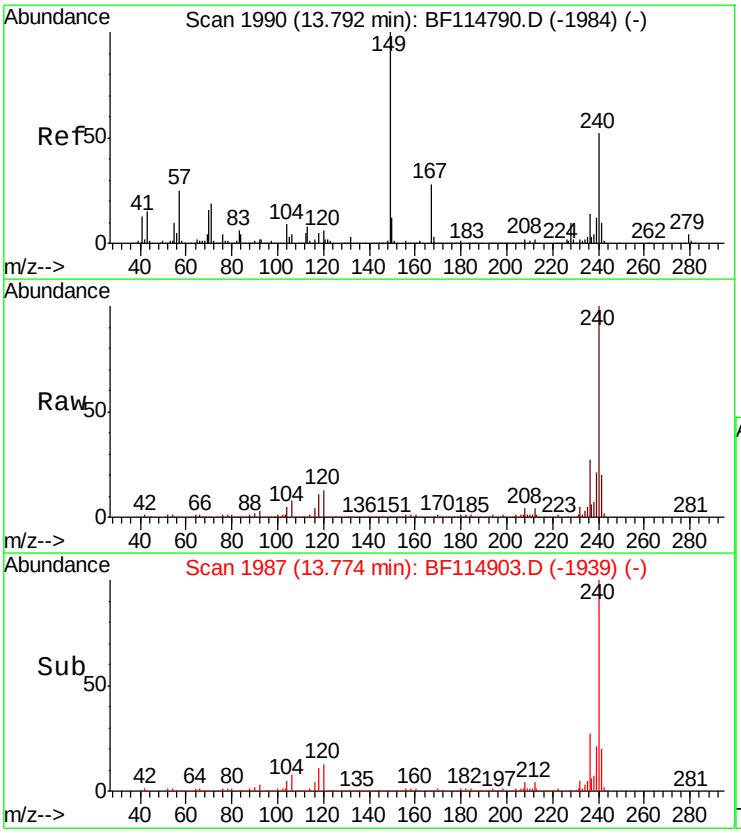
#67
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:248 Resp: 39059

Ion	Ratio	Lower	Upper
248	100		
250	194.6	77.5	116.3#
141	453.8	61.8	92.8#

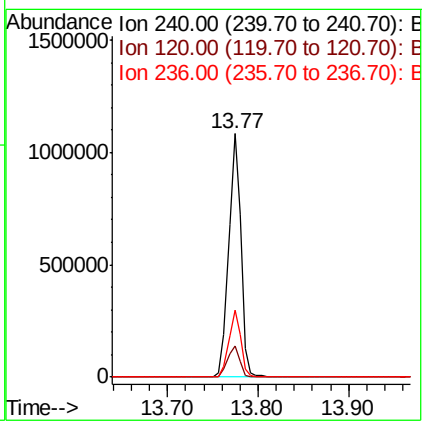


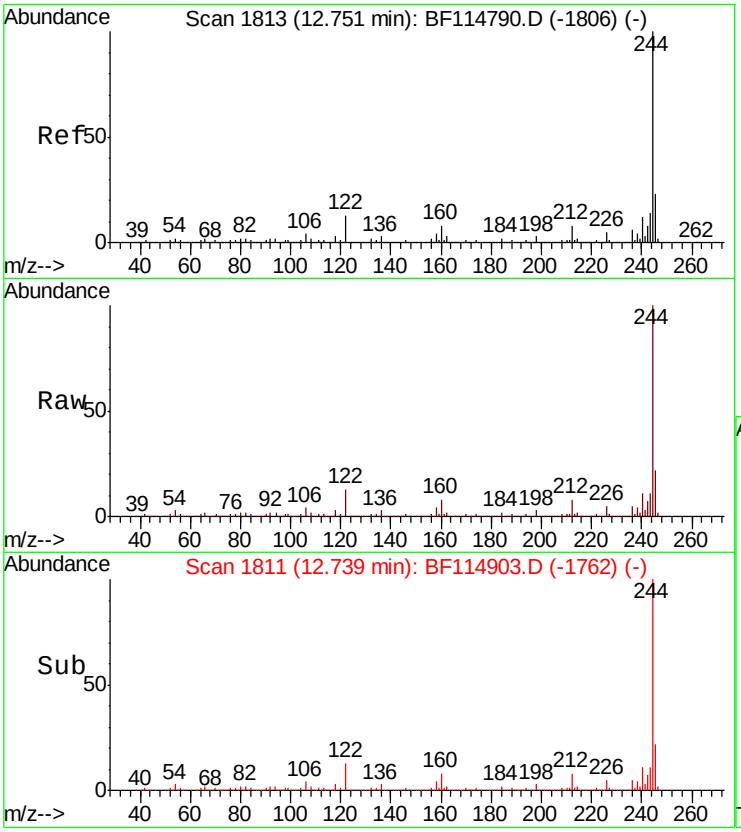


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:240 Resp: 1015217

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.4
236	27.3	21.4	32.0



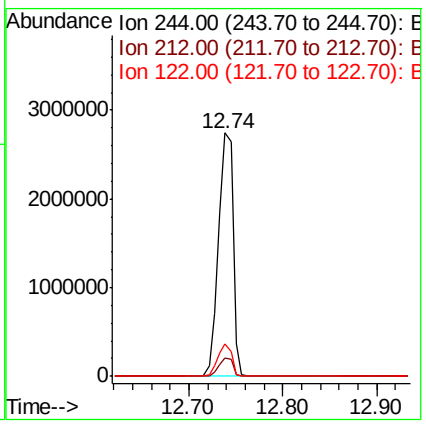


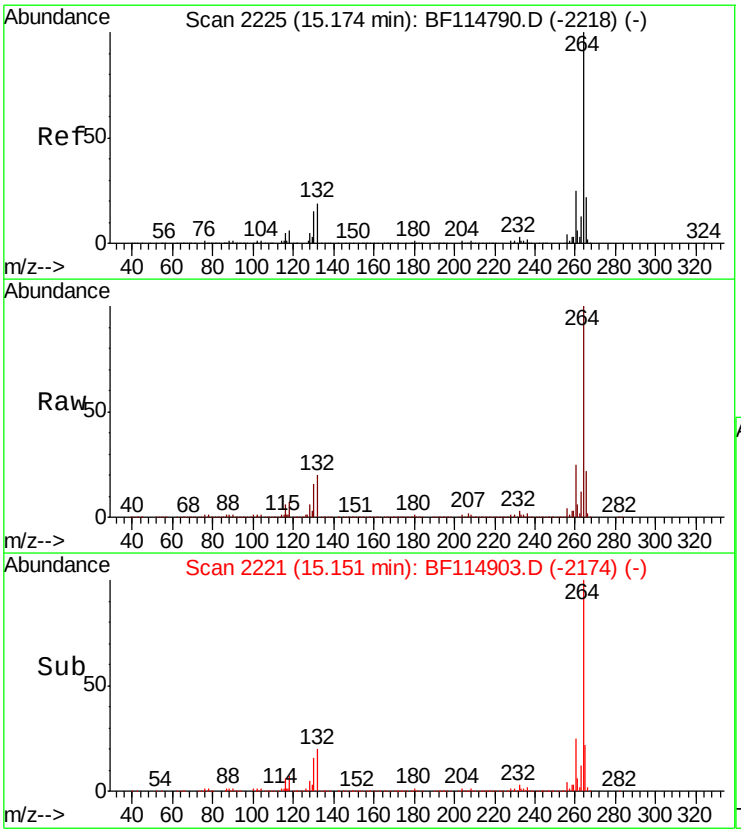
#79
Terphenyl-d14
Concen: 57.666 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:244 Resp: 3010309

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	13.2	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:264 Resp: 1015500

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.5	17.7	26.5