Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114856.D
Acq On : 6 Jun 2019 12:10
Operator : HP/JU
Sample : K3150-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRONBOUND-TP

Quant Time: Jun 06 23:59:25 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	6.67	152	440990	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1751064	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	925940	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1900879	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1387974	20.00	ng	0.00
87) Perylene-d12	15.19	264	1247555	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2709570	107.36	ng	0.04
7) Phenol-d6	6.32	99	3032852	98.76	ng	0.01
23) Nitrobenzene-d5	7.23	82	2302397	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1226988	122.96	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4254641	86.08	ng	0.00
79) Terphenyl-d14	12.76	244	4700566	65.86	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	315561	15.523	ng	# 77
25) Isophorone	7.23	82	2279715	40.539	ng	# 61
50) Dimethylphthalate	9.70	163	265777	3.930	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	120965	7.606	ng	# 32
57) 2,4-Dinitrotoluene	9.69	165	120965	6.050	ng	# 32
58) Fluorene	10.24	166	5709	Below Cal		99
67) 4-Bromophenyl-phenylether	10.49	248	79905	3.701	ng	# 1

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

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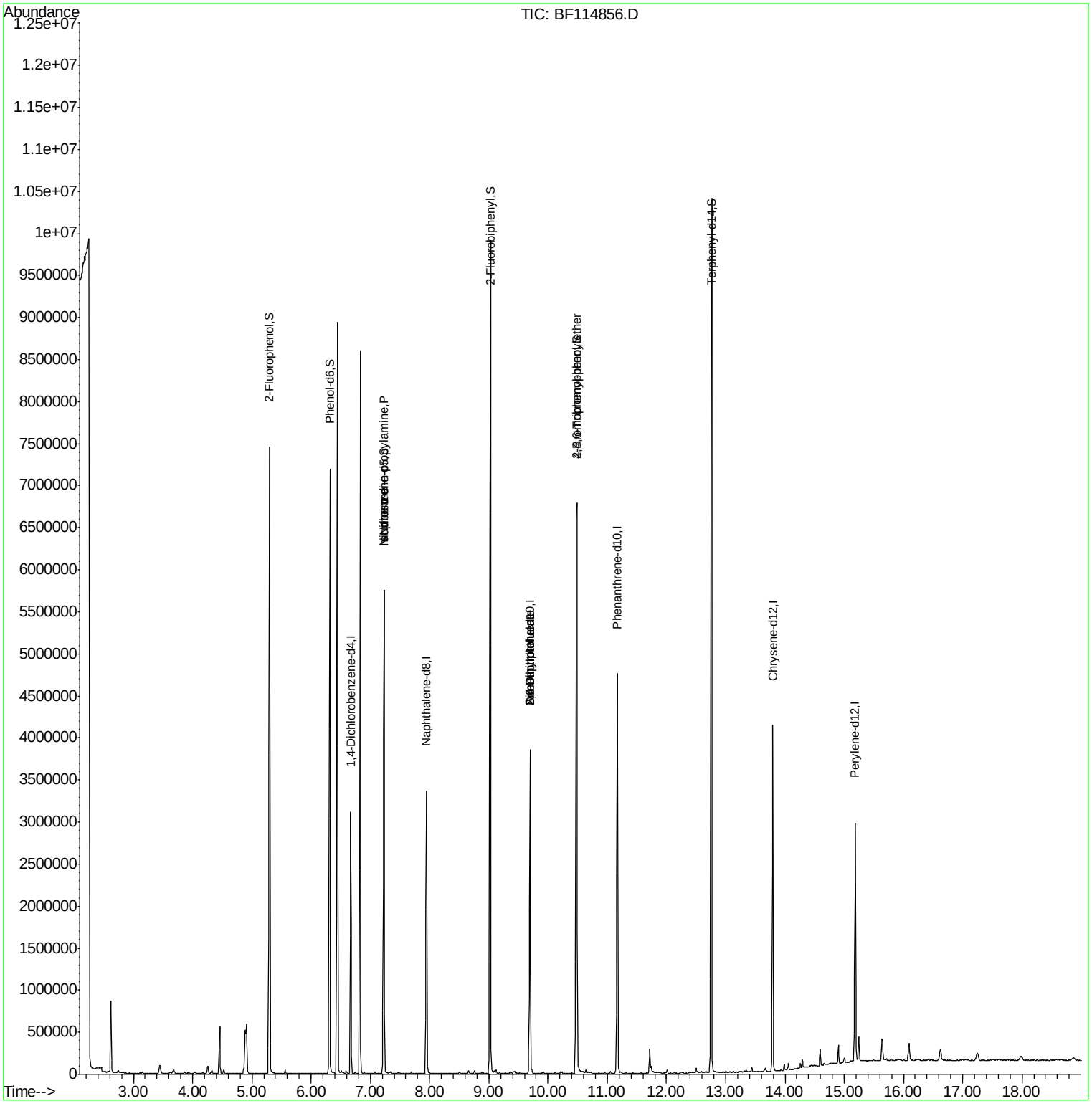
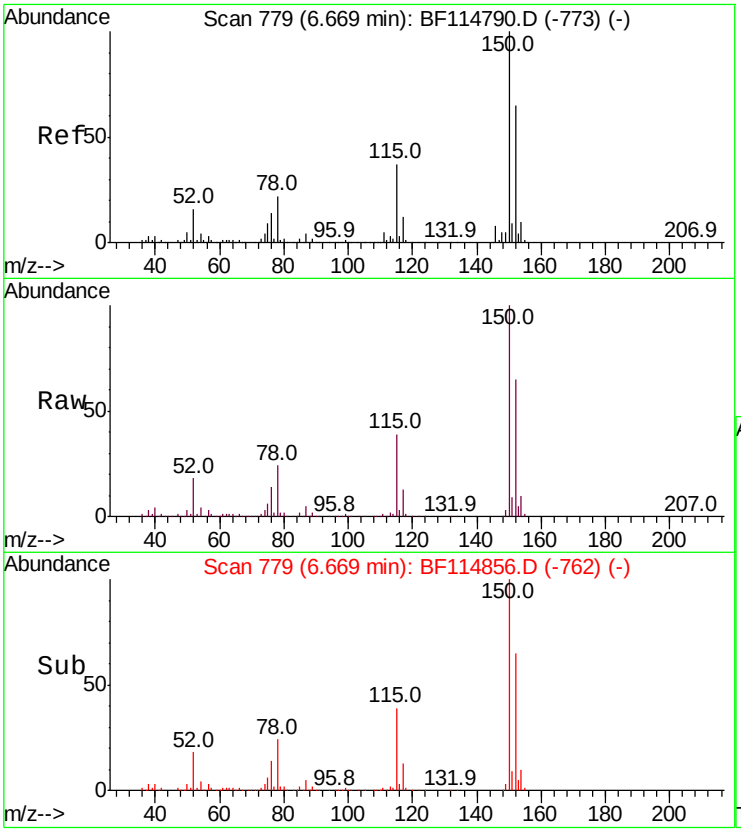


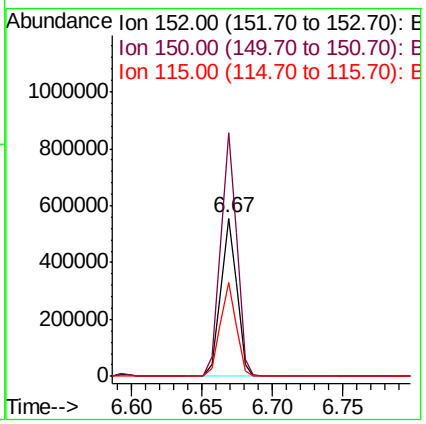


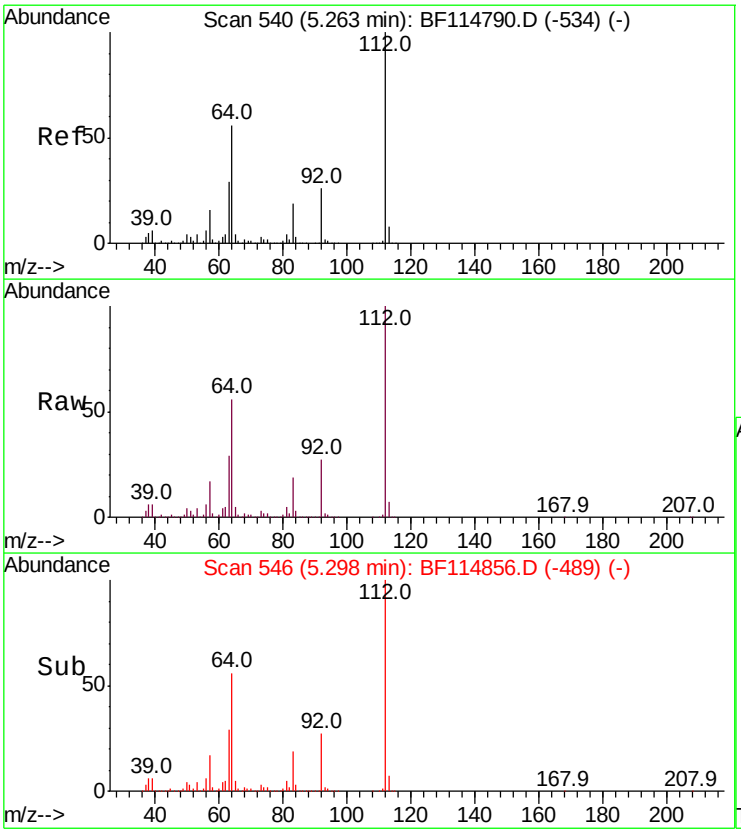
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:152 Resp: 440990

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.6	46.3	69.5

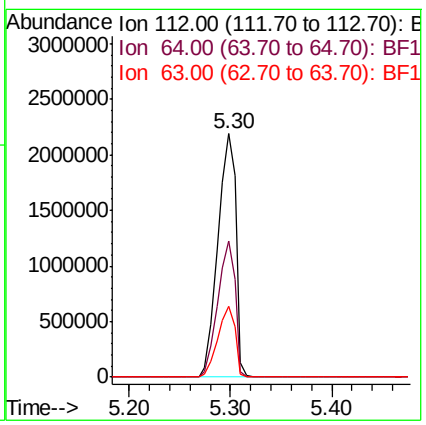


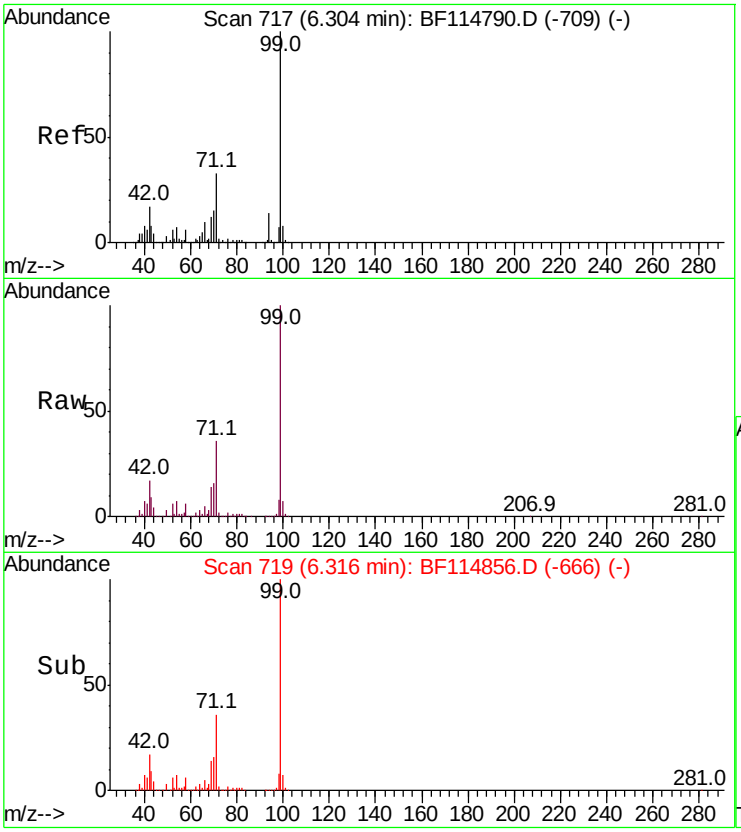


#5
2-Fluorophenol
Concen: 107.362 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:112 Resp: 2709570

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.6	66.8
63	29.3	23.0	34.4



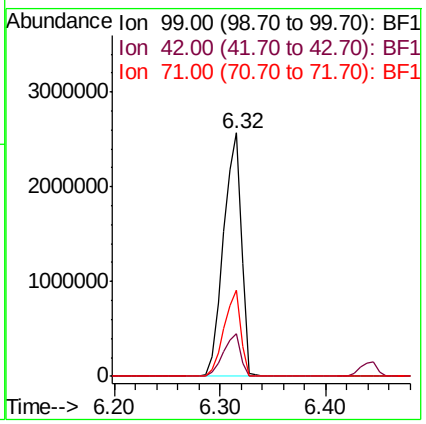


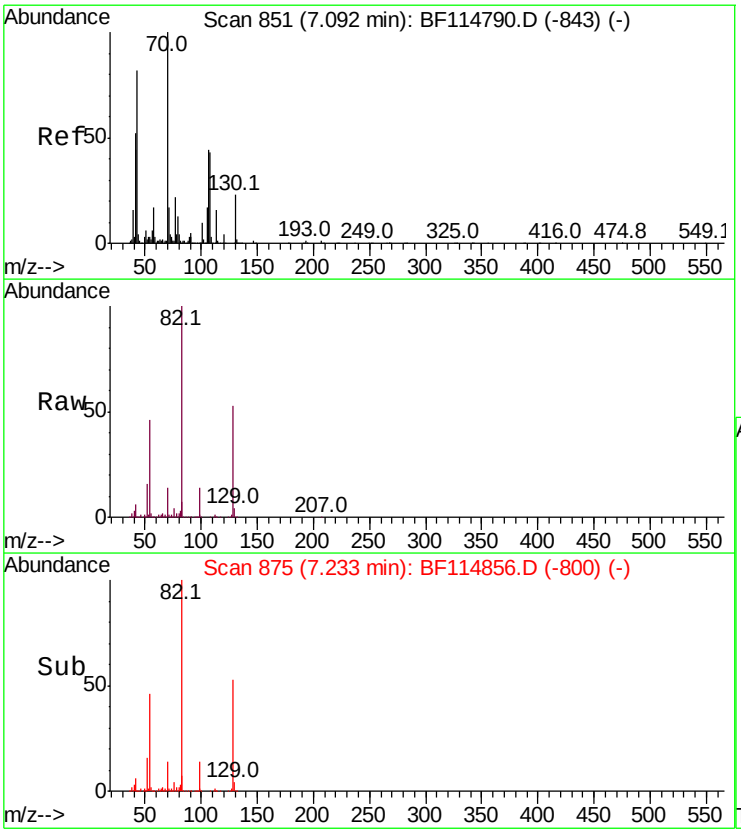
#7
Phenol-d6
Concen: 98.760 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion: 99 Resp: 3032852

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	35.5	26.3	39.5

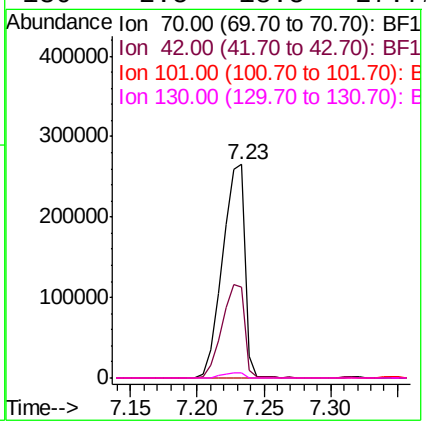


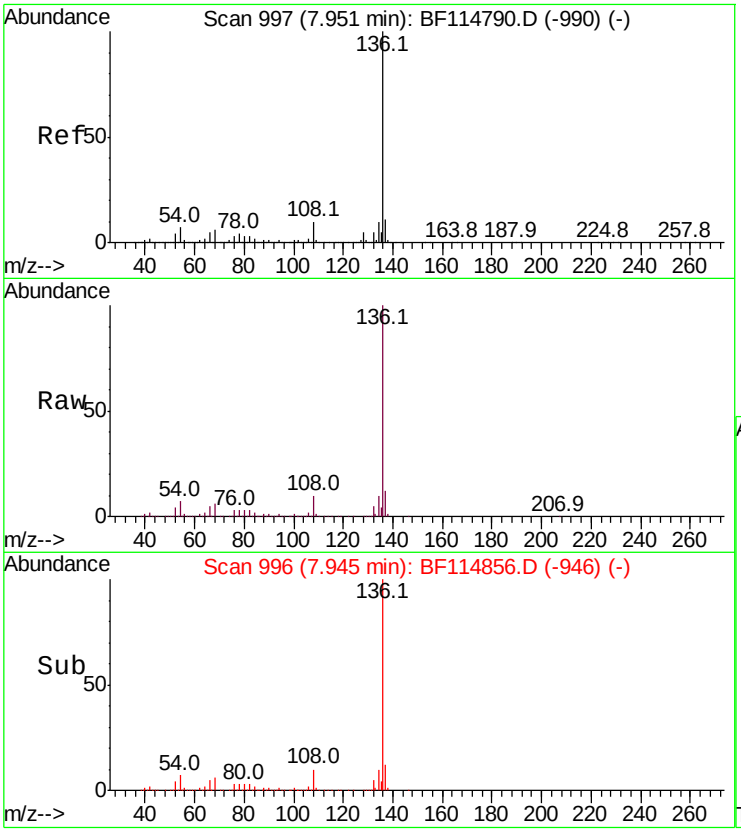


#19
n-Nitroso-di-n-propylamine
Concen: 15.523 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion: 70 Resp: 315561

Ion	Ratio	Lower	Upper
70	100		
42	42.8	41.8	62.8
101	0.0	8.2	12.4#
130	2.5	18.5	27.7#

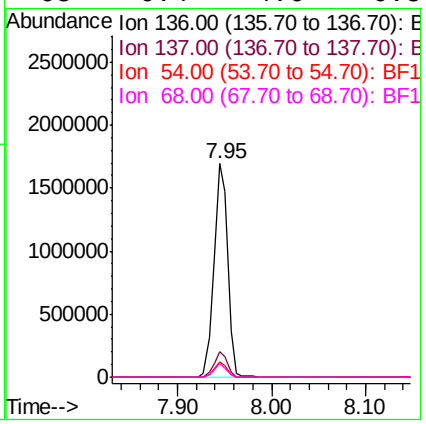




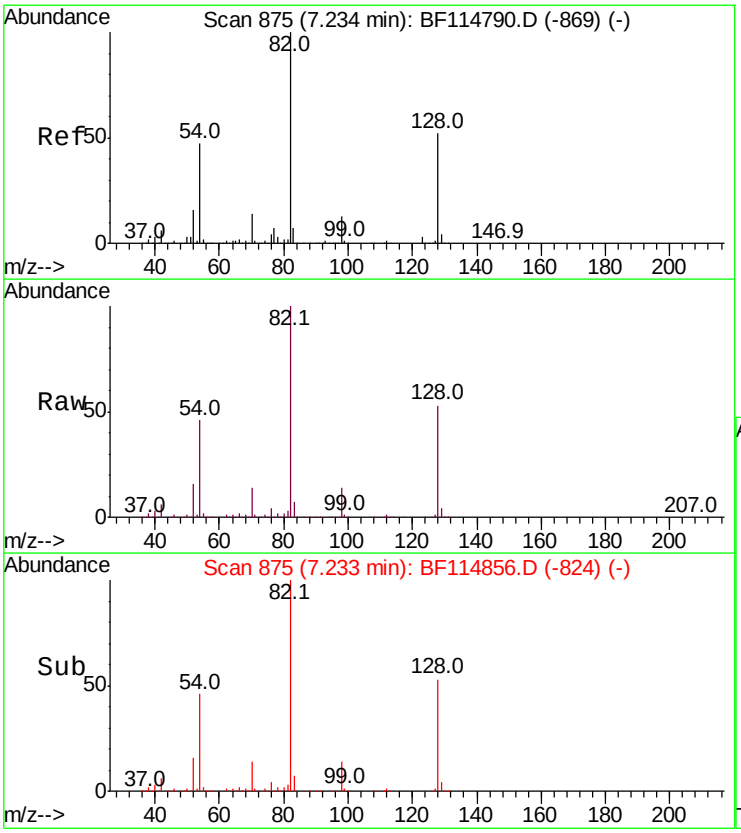
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:136 Resp: 1751064

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.3	5.4	8.0
68	6.4	4.6	6.8



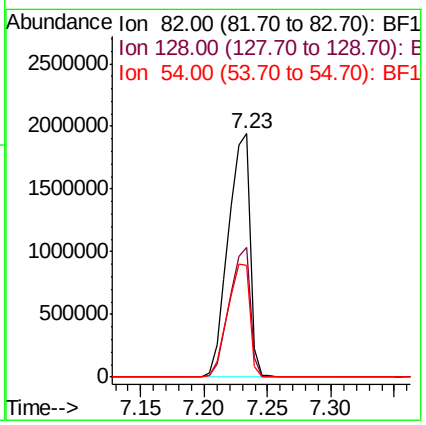
Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

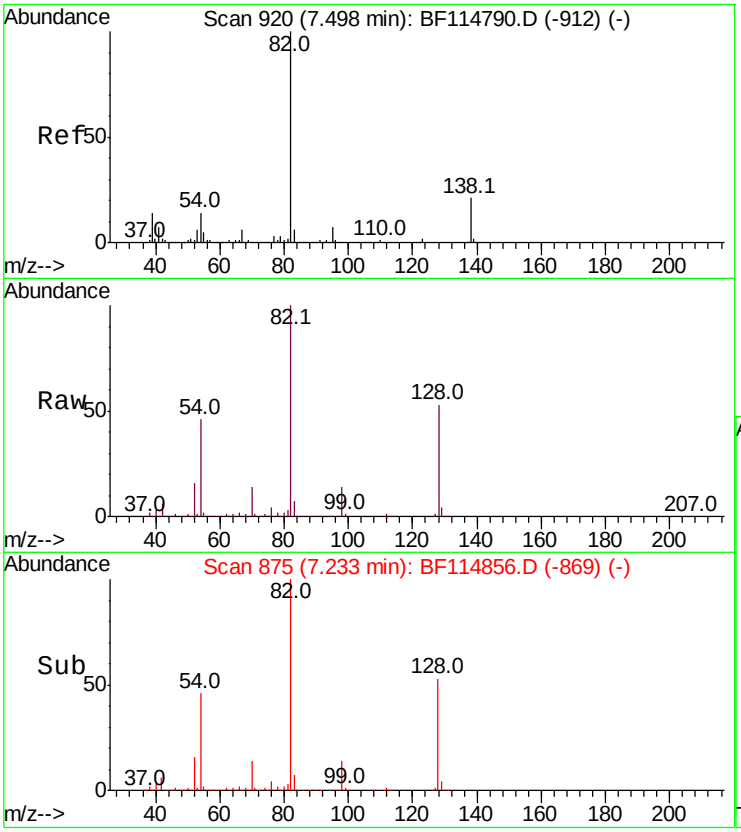


#23
Nitrobenzene-d5
Concen: 80.941 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion: 82 Resp: 2302397

Ion	Ratio	Lower	Upper
82	100		
128	53.3	41.8	62.6
54	45.7	37.9	56.9



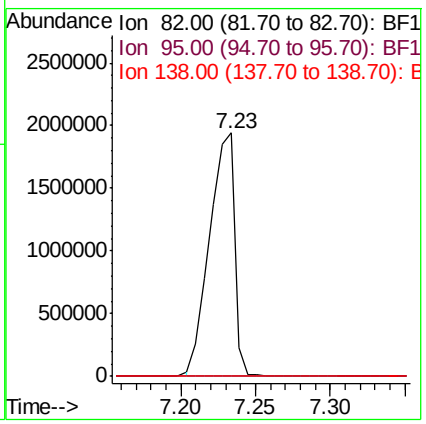


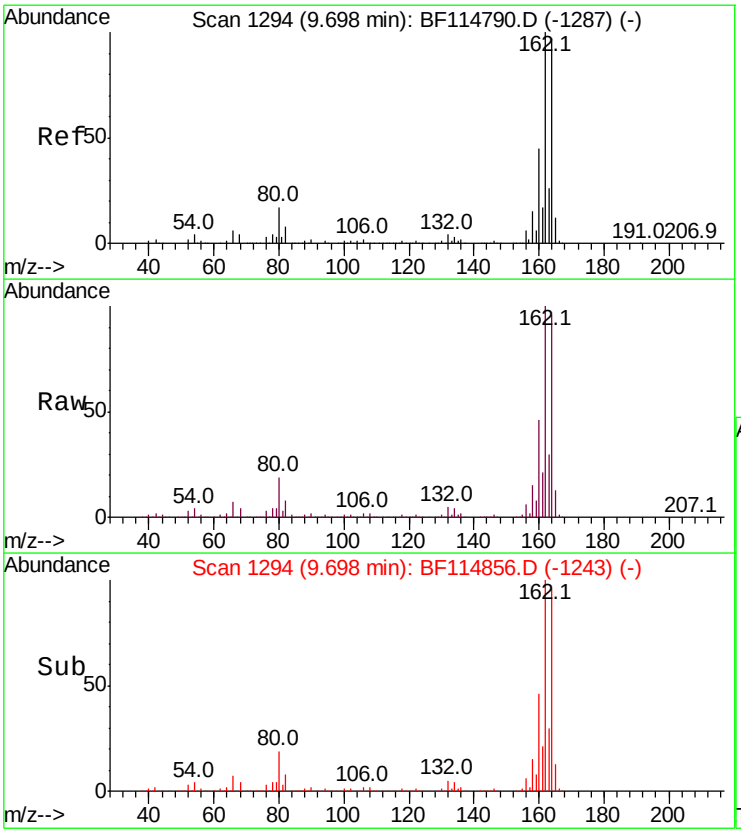
#25
Isophorone
Concen: 40.539 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion: 82 Resp: 2279715

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

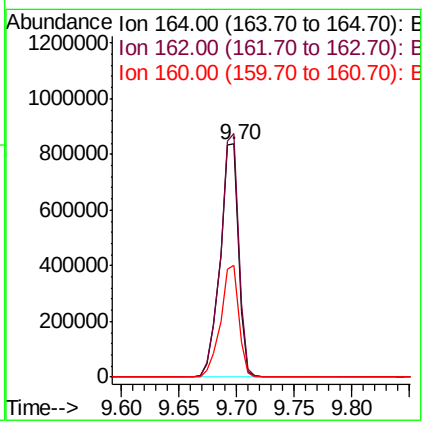


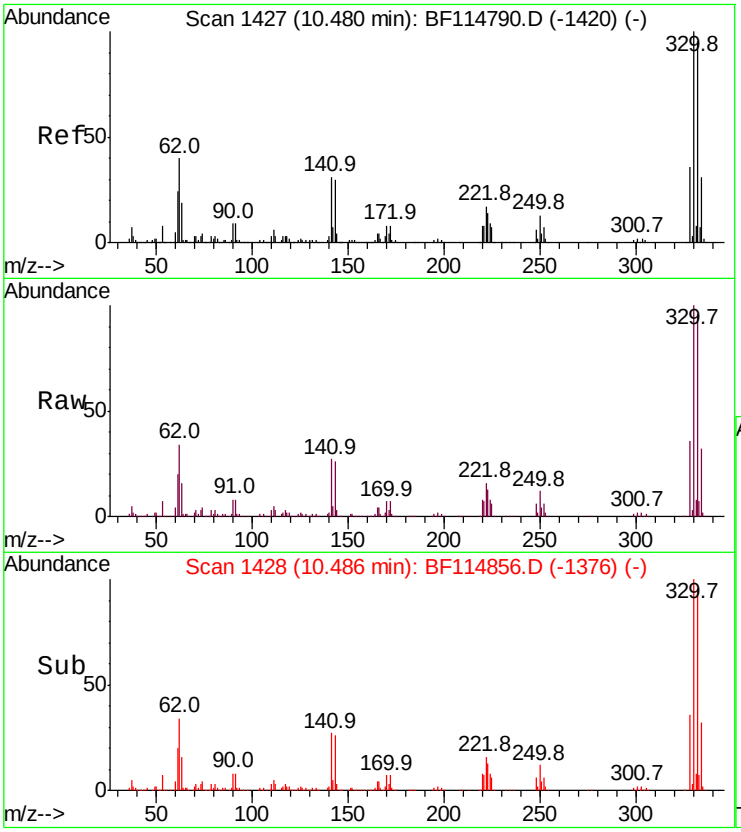


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:164 Resp: 925940

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.3	123.5
160	47.9	36.7	55.1



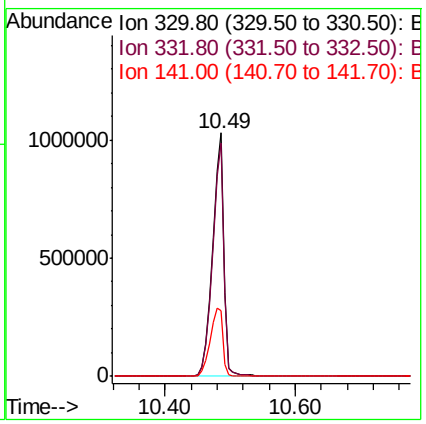


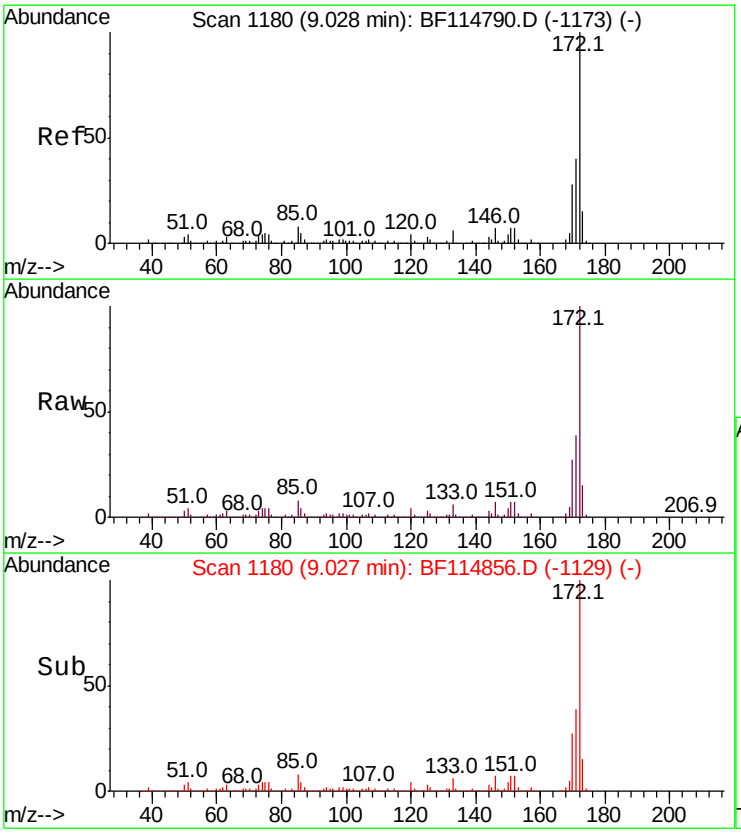
#42
2,4,6-Tribromophenol
Concen: 122.964 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:330 Resp: 1226988

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	31.9	26.2	39.4

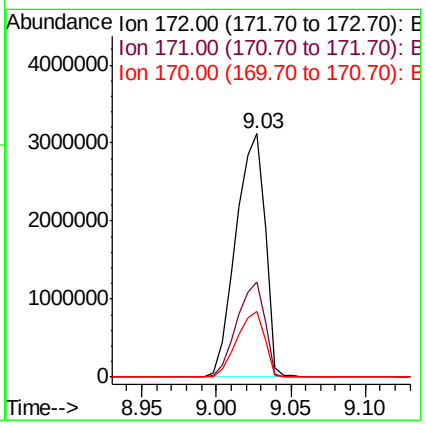


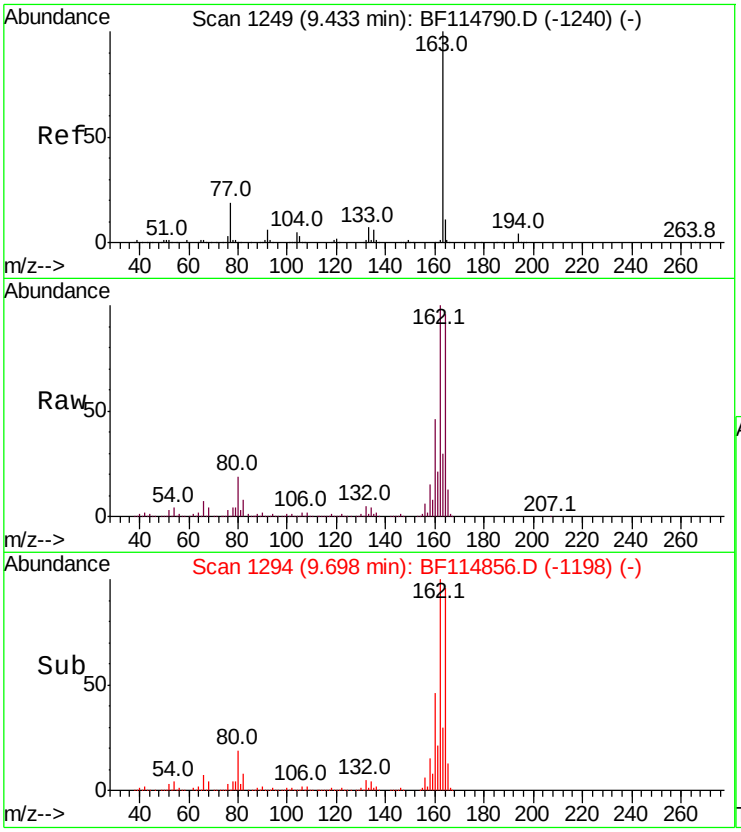


#45
2-Fluorobiphenyl
Concen: 86.076 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:172 Resp: 4254641

Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.3	48.5
170	27.1	22.4	33.6



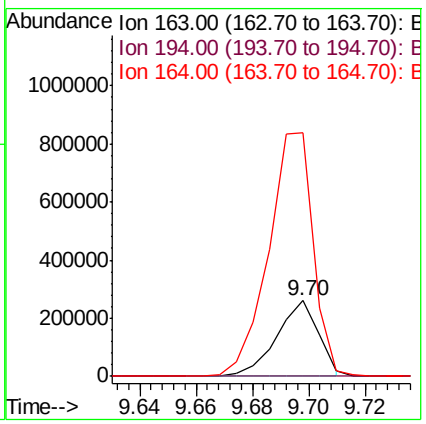


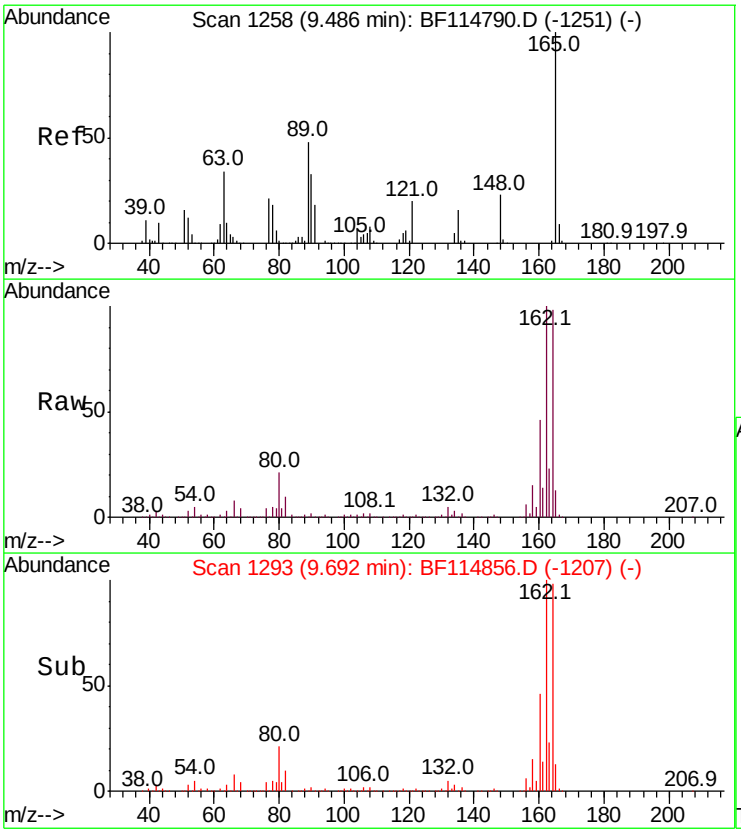
#50
Dimethylphthalate
Concen: 3.930 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:163 Resp: 265777

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	323.1	8.6	13.0#

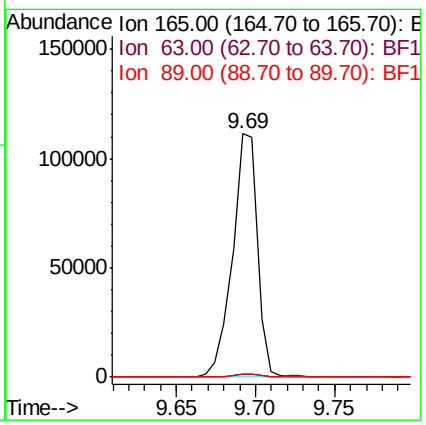


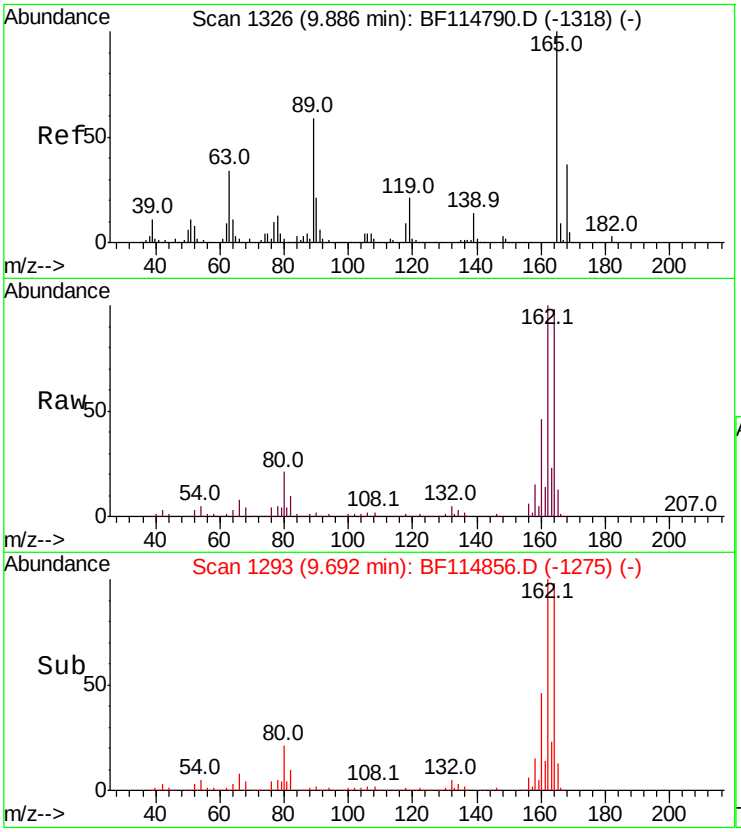


#51
2,6-Dinitrotoluene
Concen: 7.606 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:165 Resp: 120965

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.3	38.2	57.2#



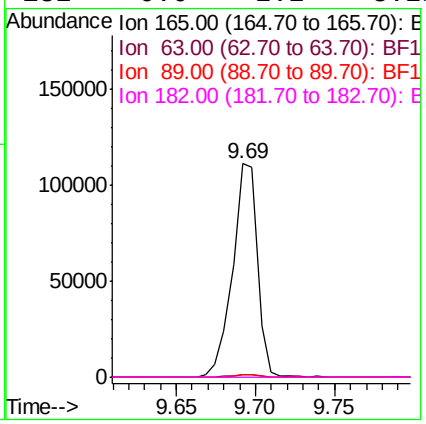


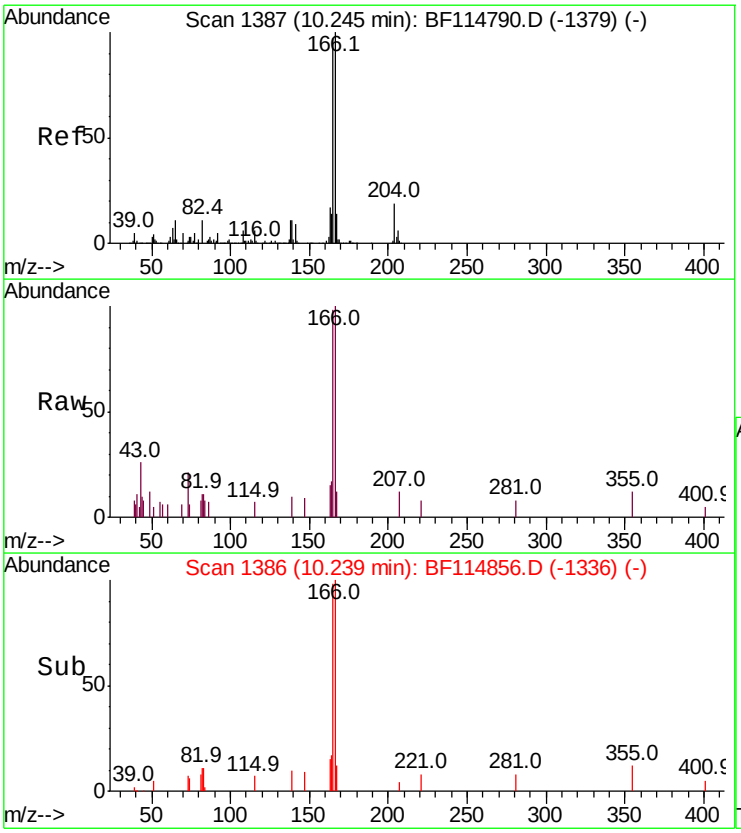
#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.19 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:165 Resp: 120965

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.3	47.0	70.6#
182	0.0	2.2	3.2#

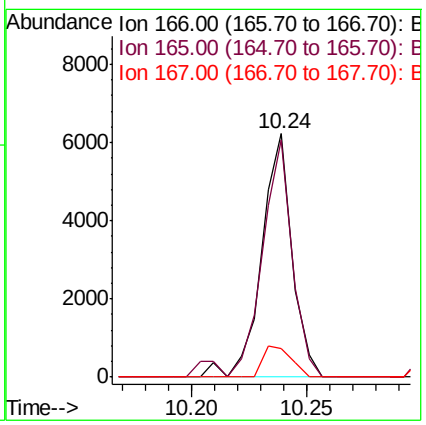


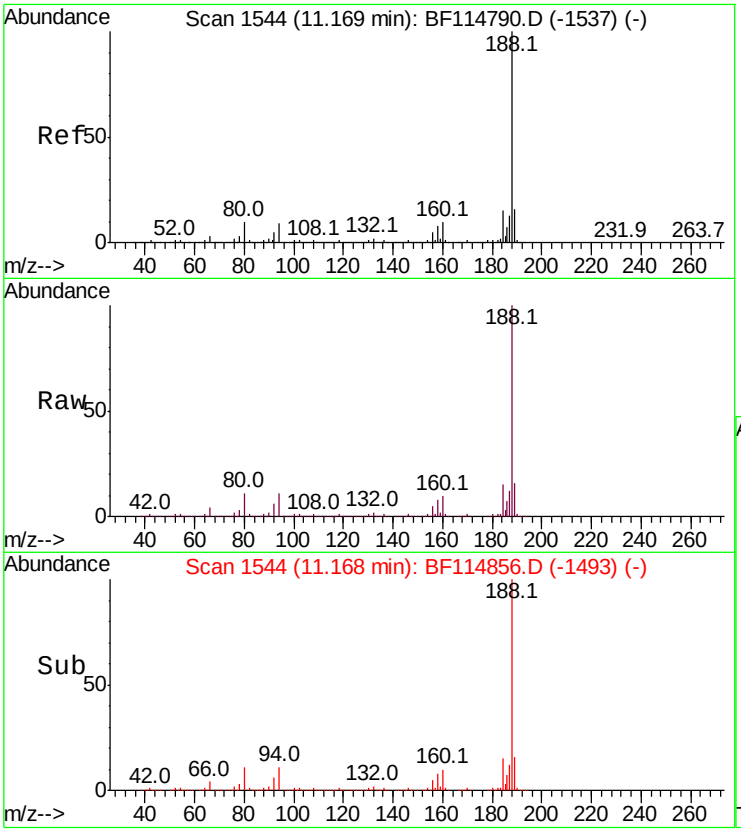


#58
Fluorene
Concen: Below Cal
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:166 Resp: 5709

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	11.6	11.3	16.9



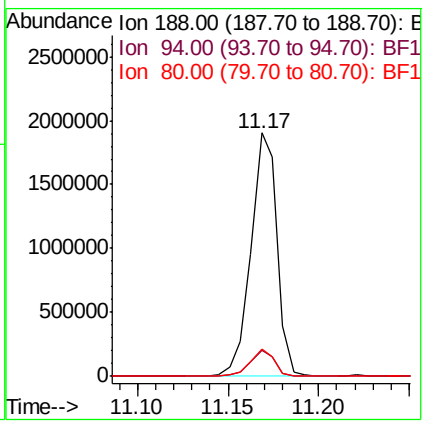


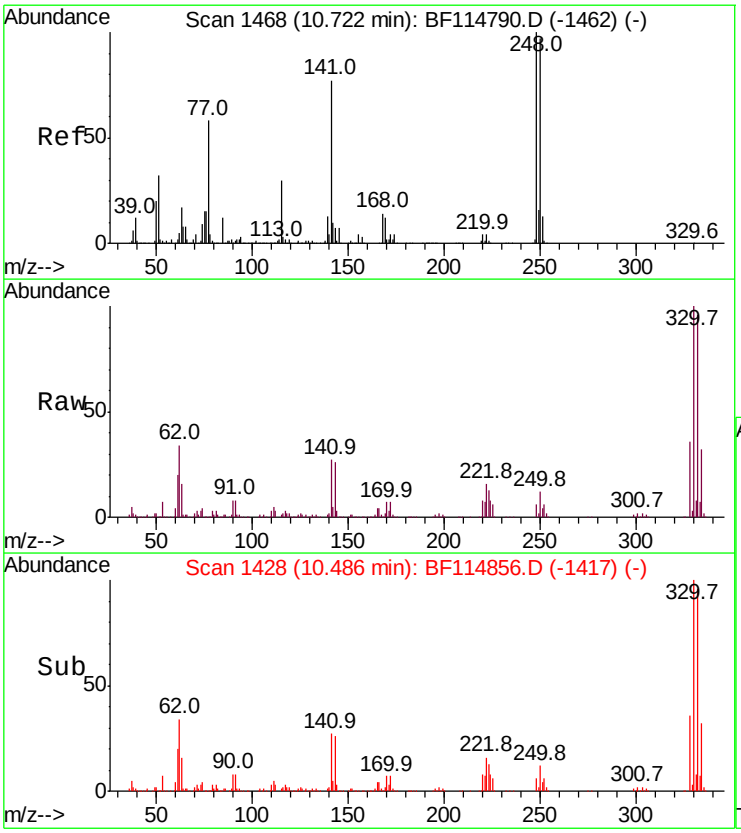
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:188 Resp: 1900879

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.6	11.4
80	11.3	8.3	12.5

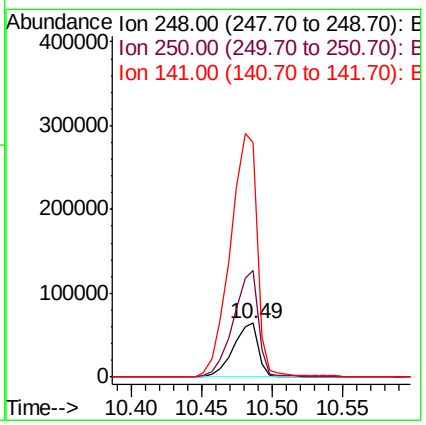


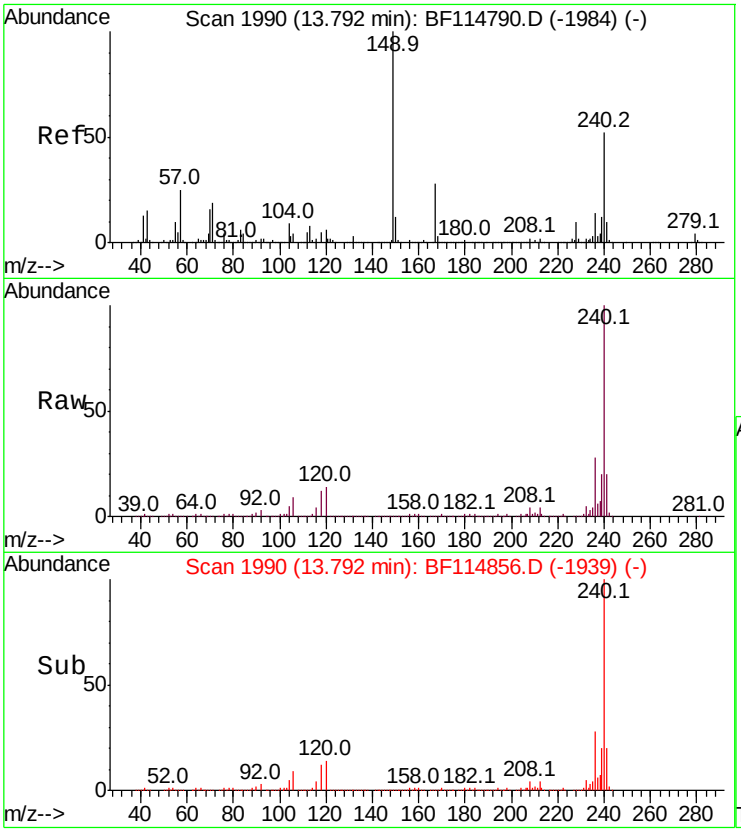


#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.24 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:248 Resp: 79905

Ion	Ratio	Lower	Upper
248	100		
250	196.4	77.5	116.3#
141	435.0	61.8	92.8#



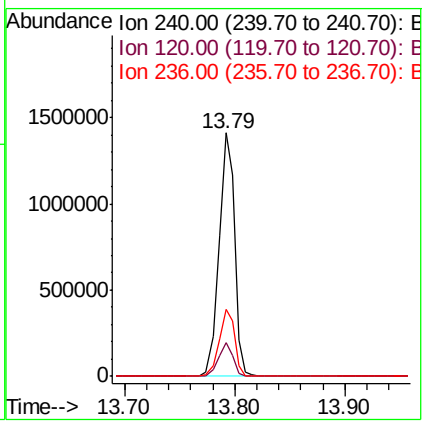


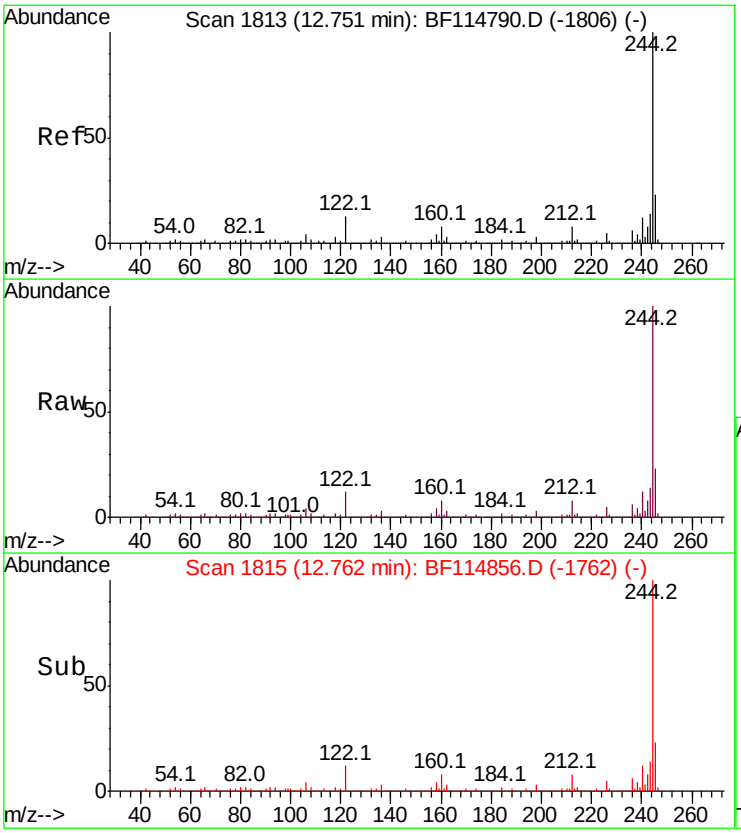
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:240 Resp: 1387974

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.0	13.4#
236	27.7	21.4	32.0

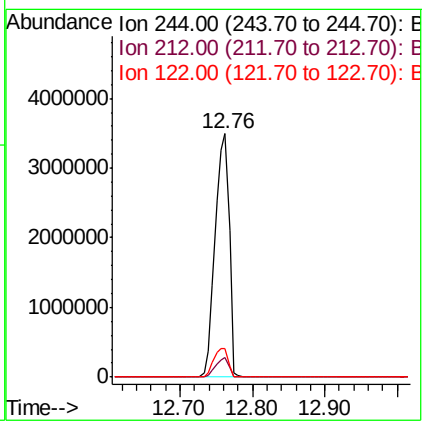


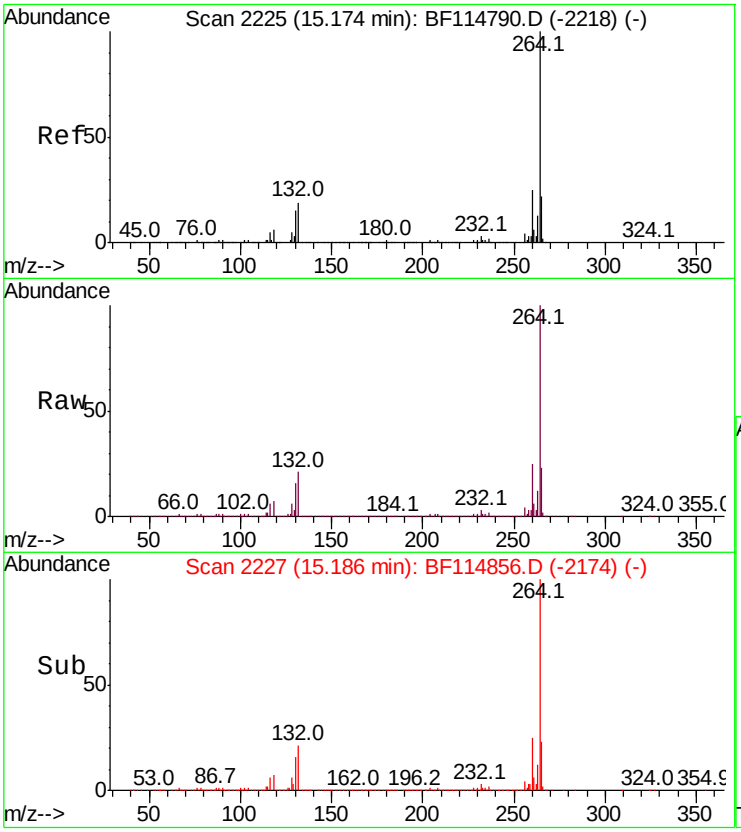


#79
Terphenyl-d14
Concen: 65.862 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:244 Resp: 4700566

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.9	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tgt Ion:264 Resp: 1247555

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.7	17.7	26.5