Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072619\
Data File : BF115813.D
Acq On : 27 Jul 2019 3:13
Operator : HP/JU
Sample : K3620-19 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-E

Quant Time: Jul 27 04:25:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122033	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	440912	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	204720	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	320223	20.00	ng		0.00
76) Chrysene-d12	14.03	240	320469	20.00	ng		0.00
87) Perylene-d12	15.50	264	304214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	127985	17.15	ng		0.00
7) Phenol-d6	6.50	99	168737	17.82	ng		0.00
23) Nitrobenzene-d5	7.43	82	94139	12.41	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	30780	12.88	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	186791	15.97	ng		0.00
79) Terphenyl-d14	12.97	244	185473	10.68	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	12734	2.063	ng	#	82
25) Isophorone	7.43	82	94139	6.204	ng	#	65
51) 2,6-Dinitrotoluene	9.90	165	25616	7.318	ng	#	24
57) 2,4-Dinitrotoluene	9.90	165	25859	5.702	ng	#	24
75) Fluoranthene	12.60	202	48543	2.799	ng		99
78) Pyrene	12.83	202	60573	2.231	ng		95
89) Benzo(k)fluoranthene	15.07	252	37194	2.130	ng	#	78

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

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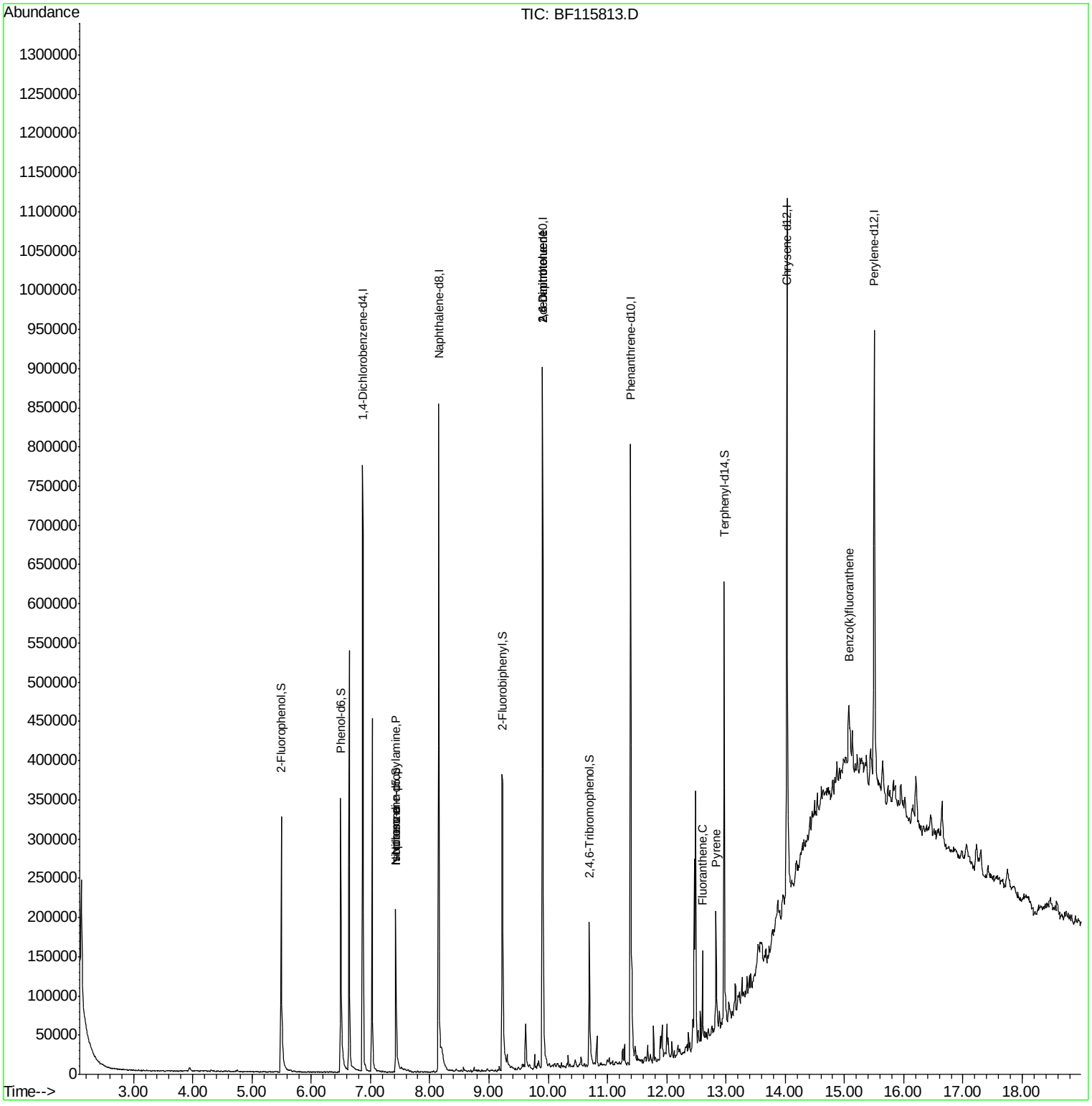
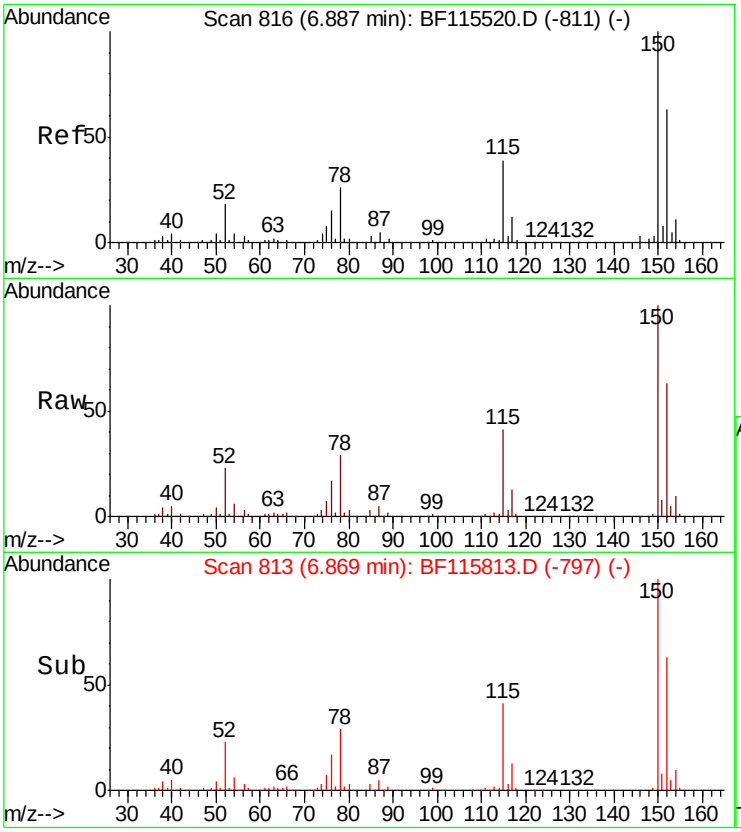
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



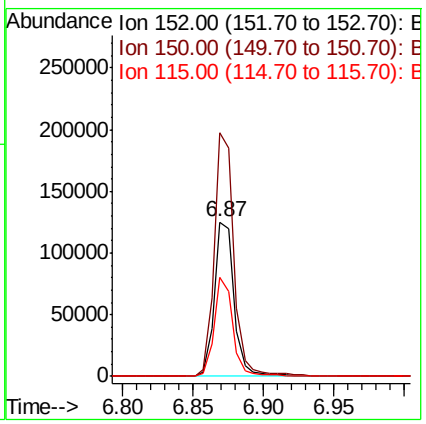


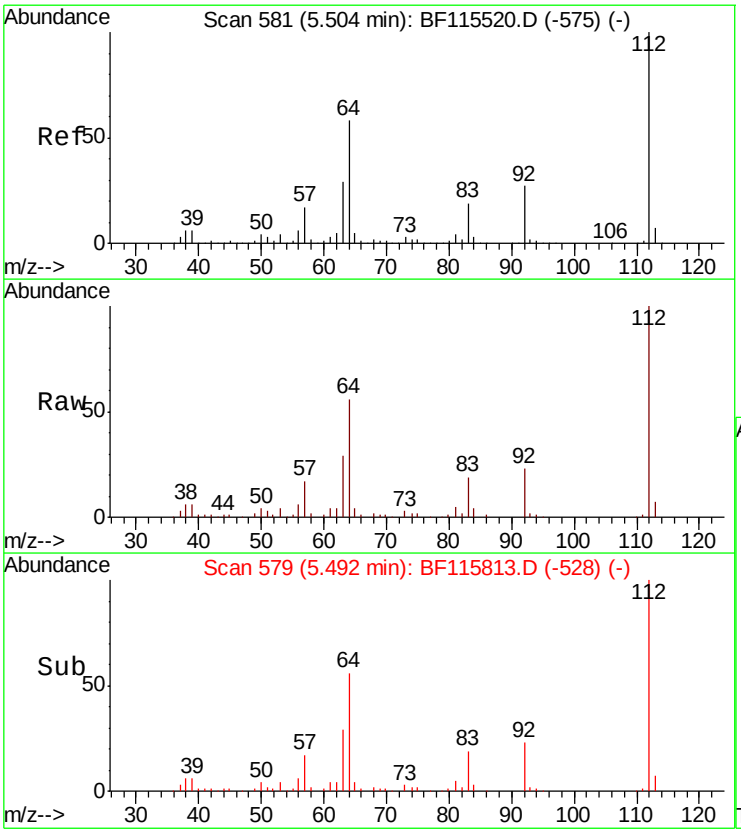
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:152 Resp: 122033

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	64.2	47.8	71.6

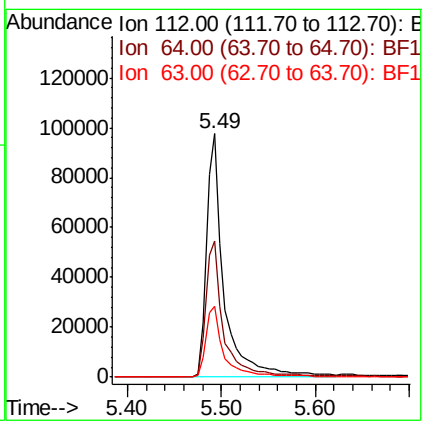


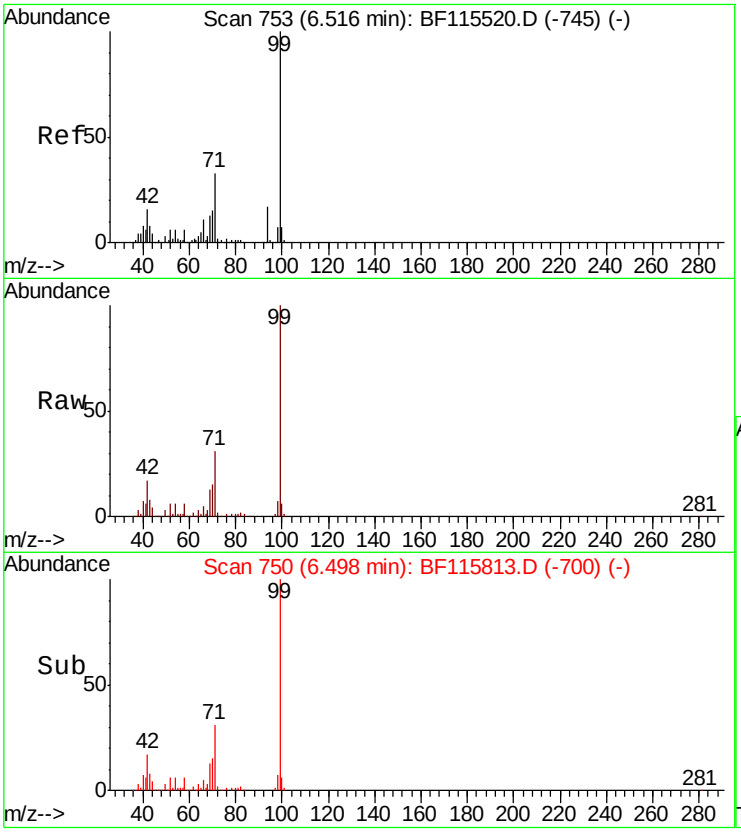


#5
2-Fluorophenol
Concen: 17.155 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:112 Resp: 127985

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.8
63	28.9	23.6	35.4



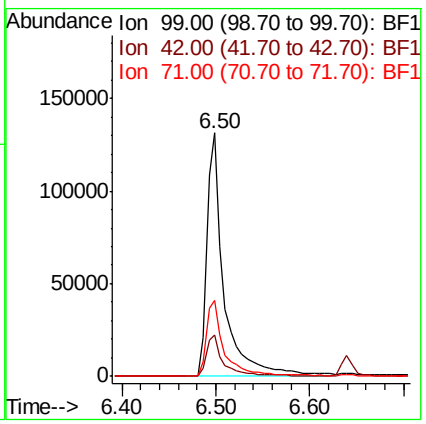


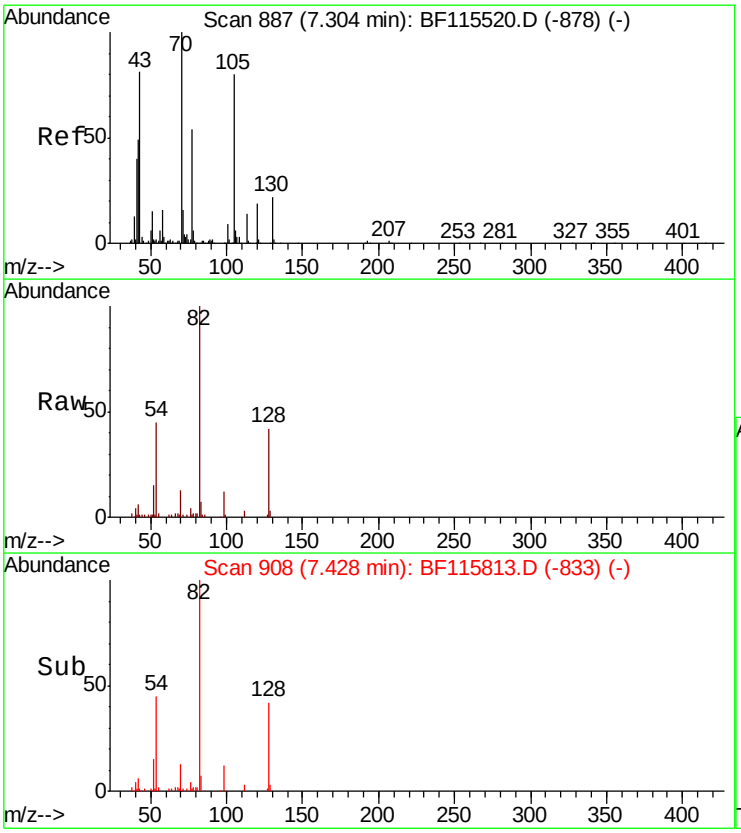
#7
Phenol-d6
Concen: 17.824 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion: 99 Resp: 168737

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	31.1	26.7	40.1

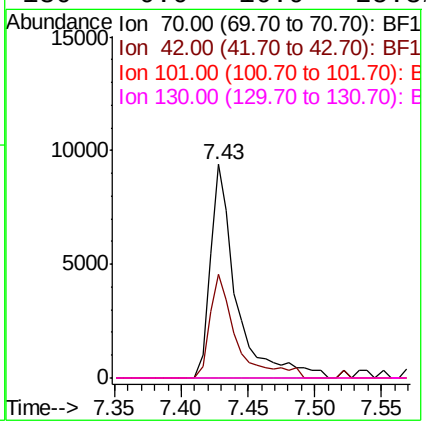


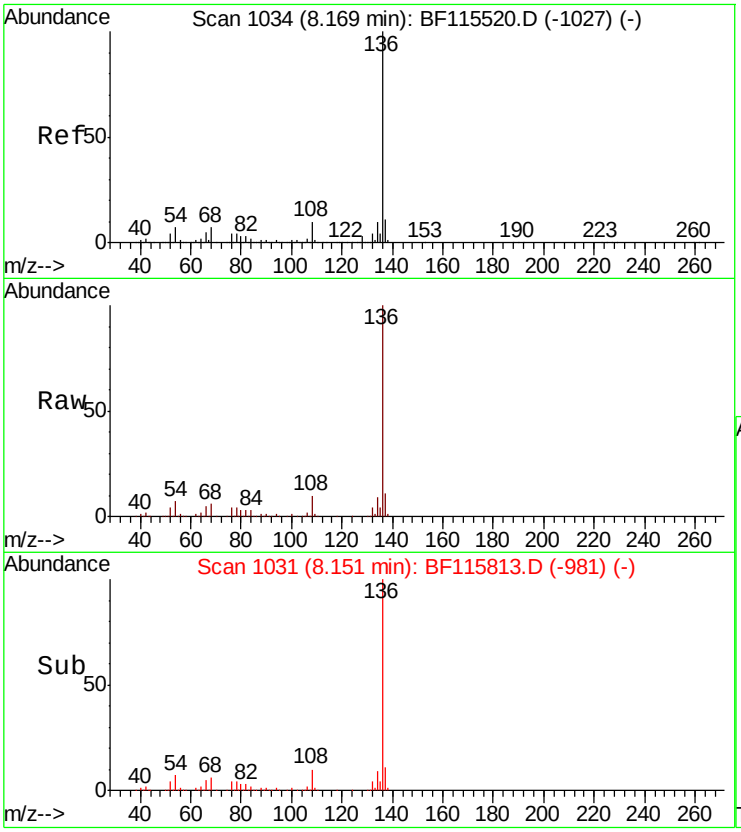


#19
n-Nitroso-di-n-propylamine
Concen: 2.063 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion: 70 Resp: 12734

Ion	Ratio	Lower	Upper
70	100		
42	48.7	41.8	62.8
101	0.0	7.6	11.4#
130	0.0	16.9	25.3#



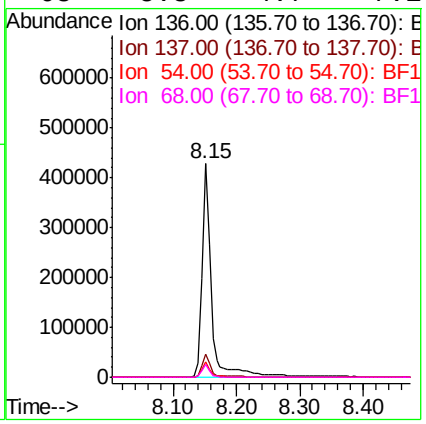


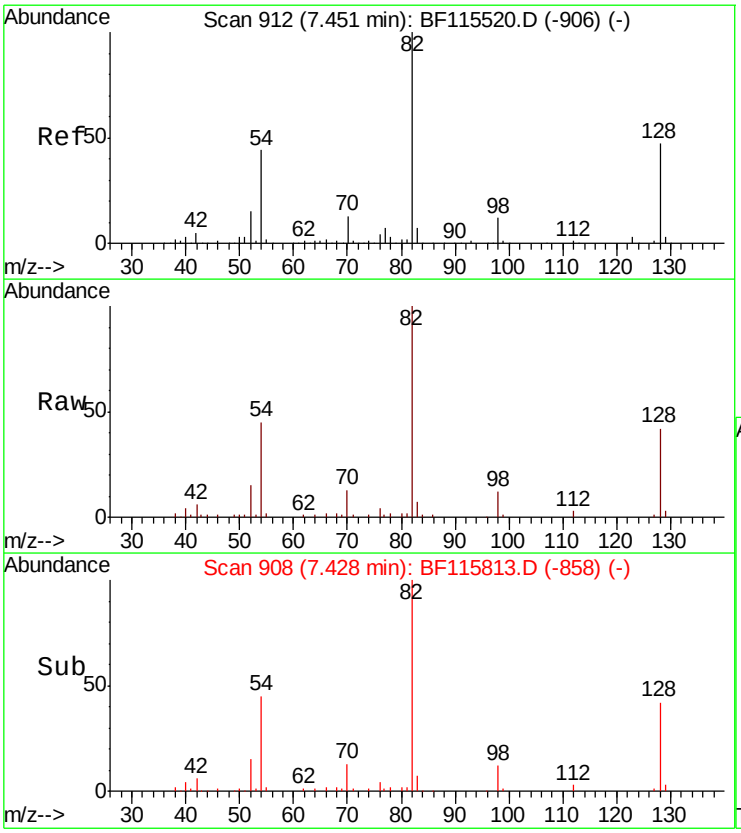
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:136 Resp: 440912

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	5.0	7.6
68	5.8	4.7	7.1

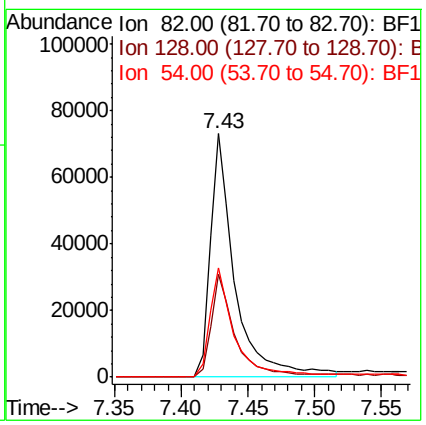


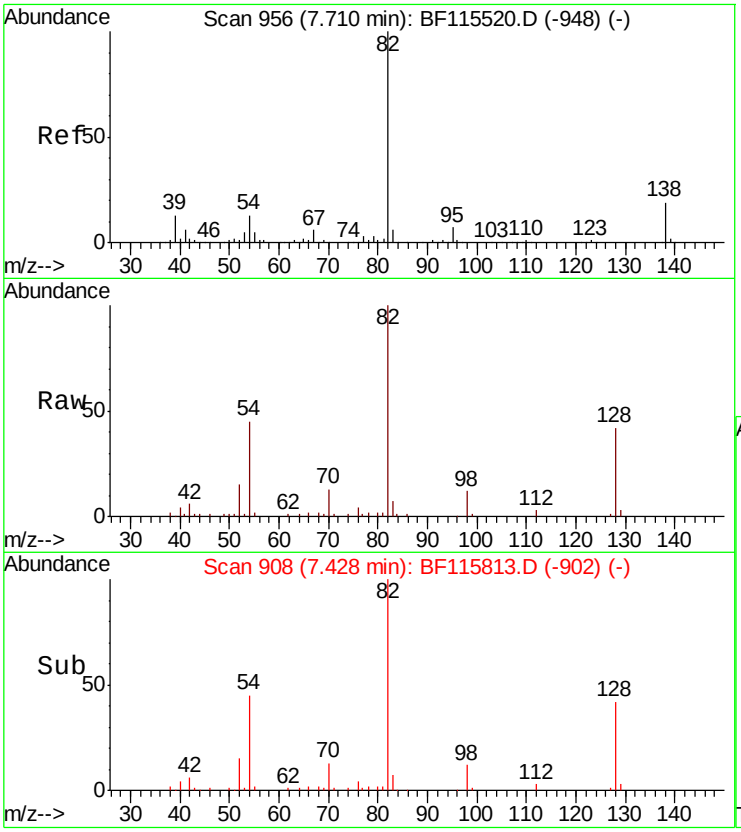


#23
Nitrobenzene-d5
Concen: 12.415 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion: 82 Resp: 94139

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.6	55.0
54	44.9	36.6	54.8



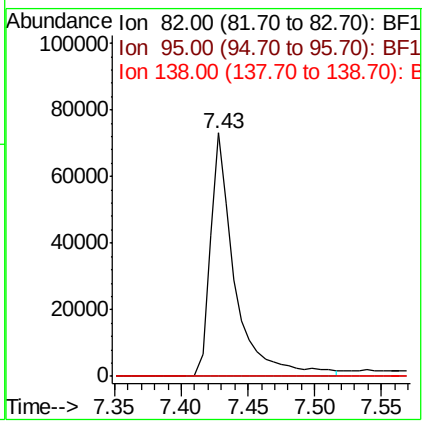


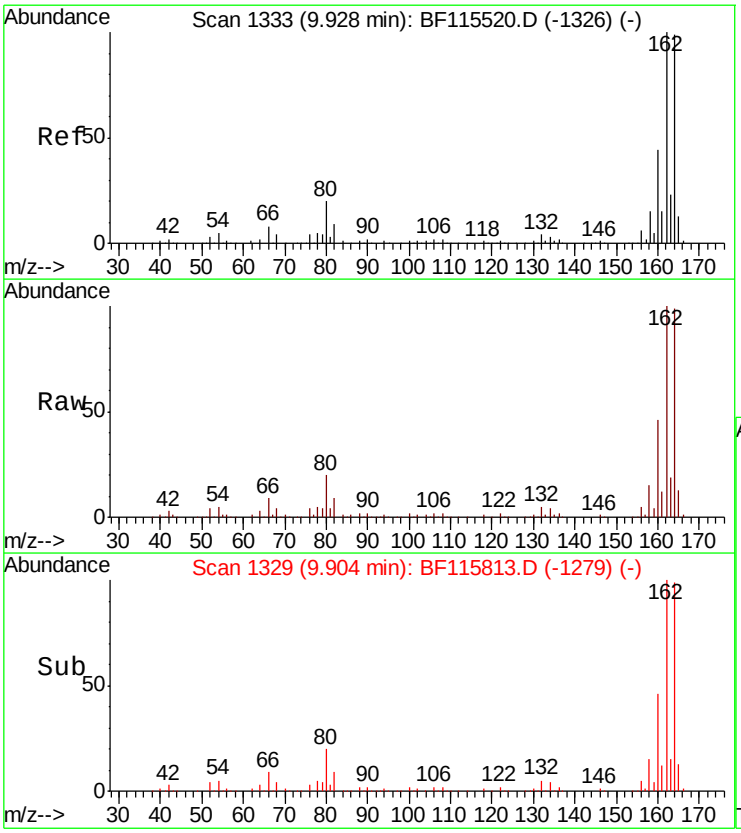
#25
Isophorone
Concen: 6.204 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion: 82 Resp: 94139

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.2	21.4#

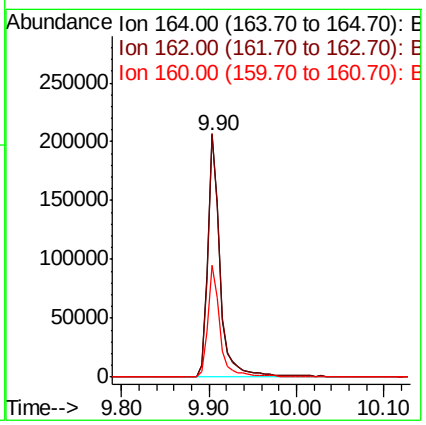


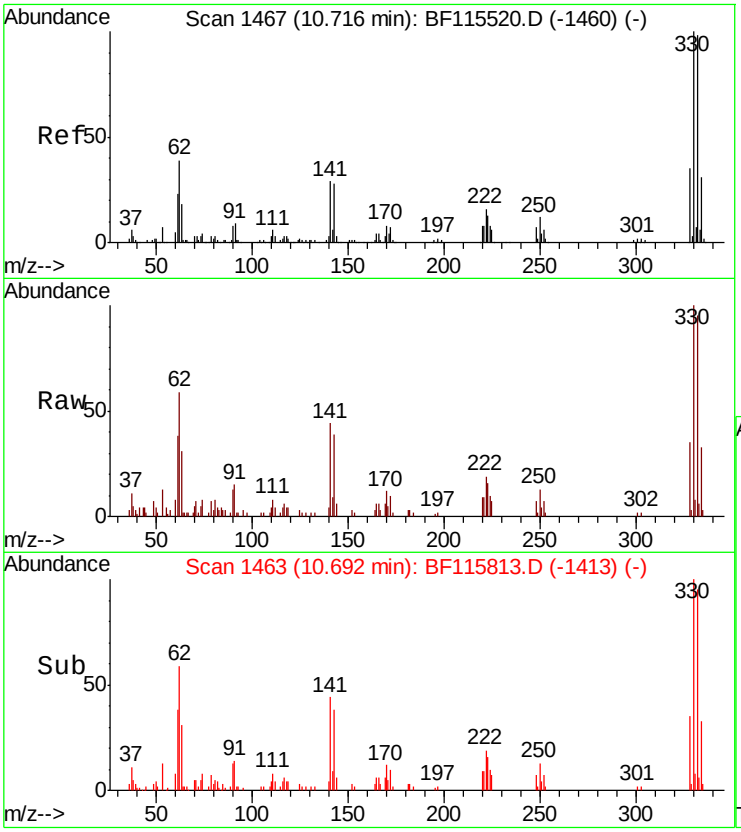


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:164 Resp: 204720

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.8	122.6
160	46.0	37.5	56.3



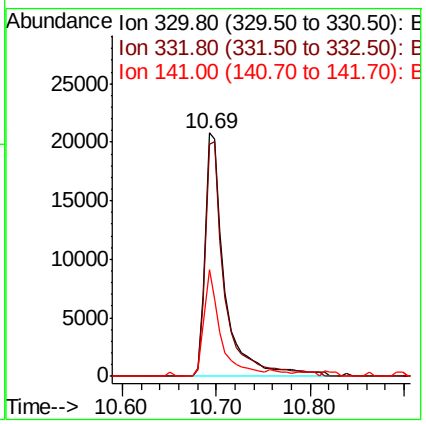


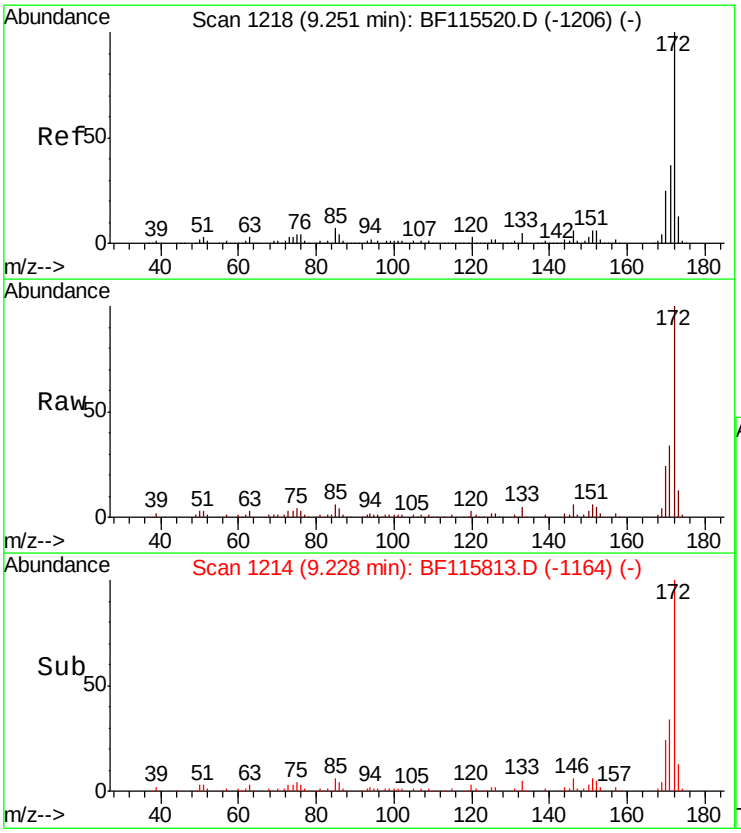
#42
2,4,6-Tribromophenol
Concen: 12.881 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:330 Resp: 30780

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	36.5	25.9	38.9

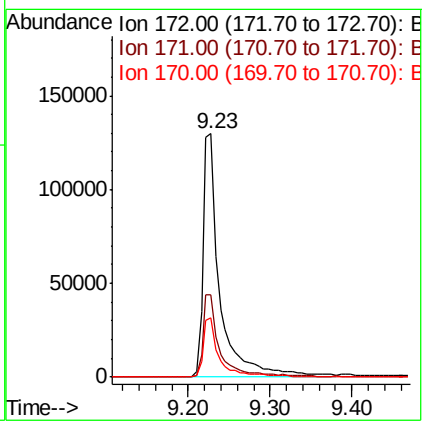


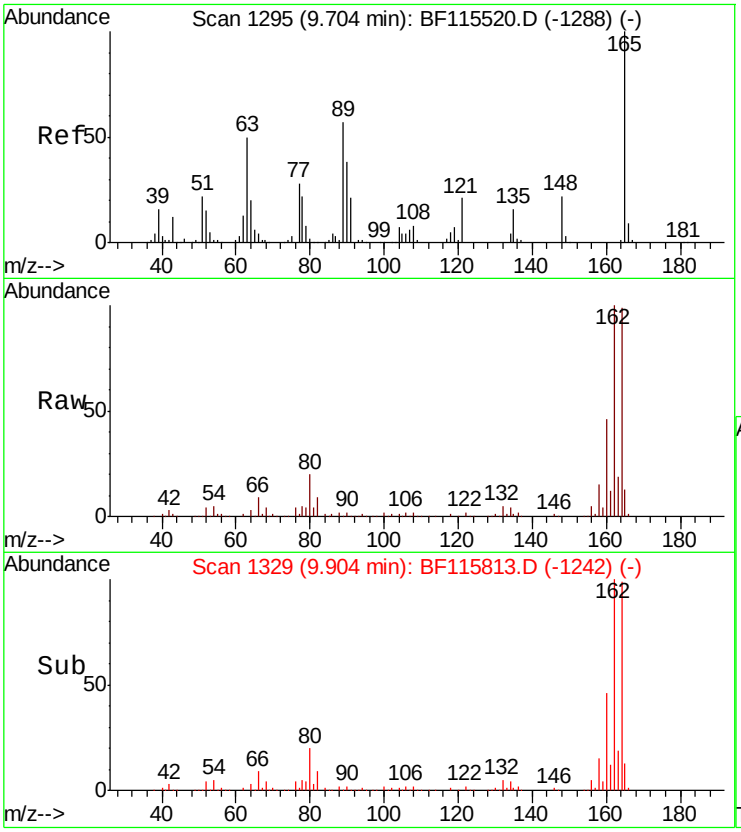


#45
2-Fluorobiphenyl
Concen: 15.970 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:172 Resp: 186791

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	24.2	20.1	30.1



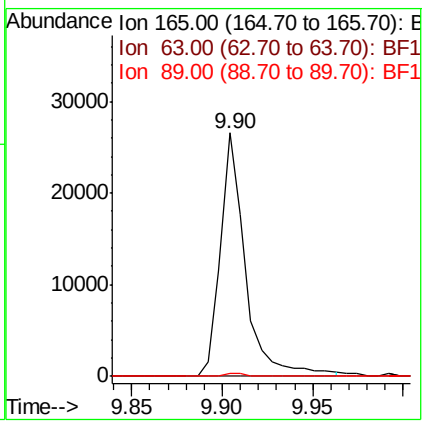


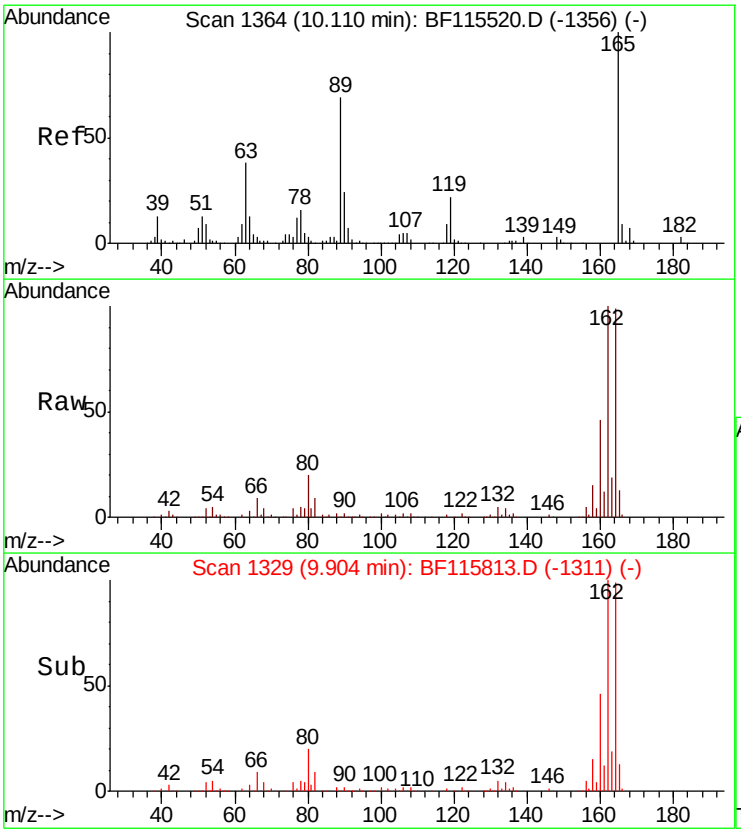
#51
2,6-Dinitrotoluene
Concen: 7.318 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:165 Resp: 25616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	1.4	46.3	69.5#

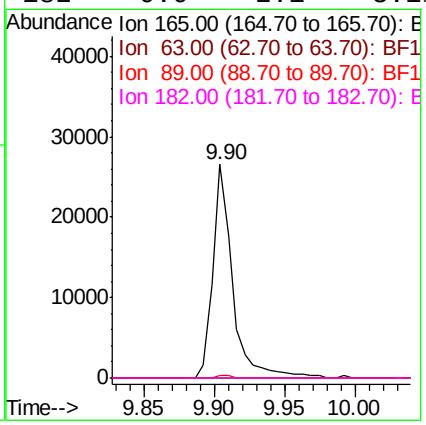


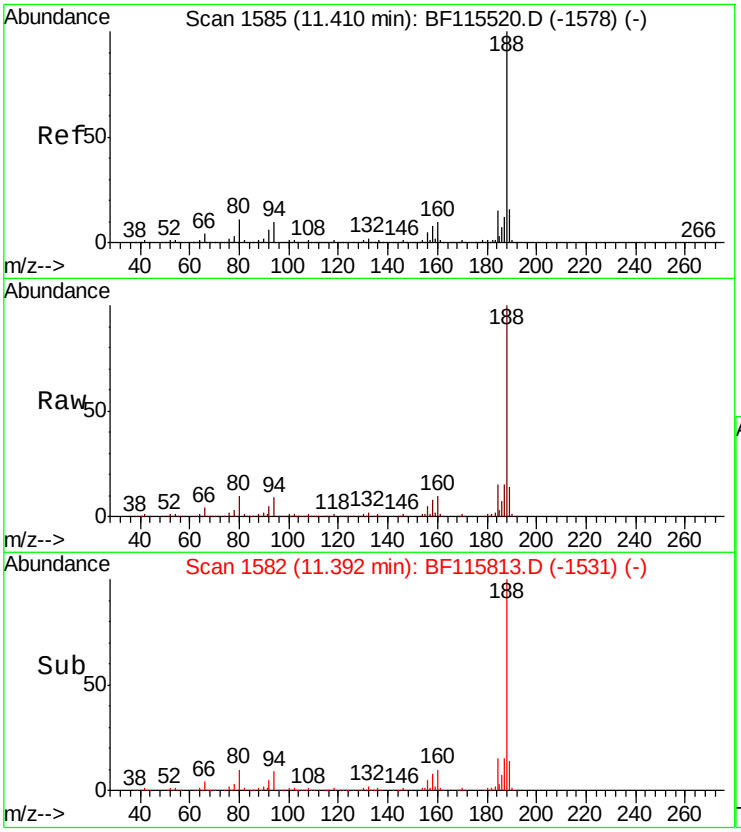


#57
2,4-Dinitrotoluene
Concen: 5.702 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:165 Resp: 25859

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.2#
89	1.4	57.3	85.9#
182	0.0	2.1	3.1#



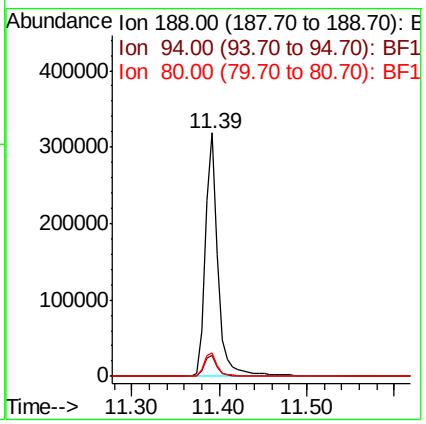


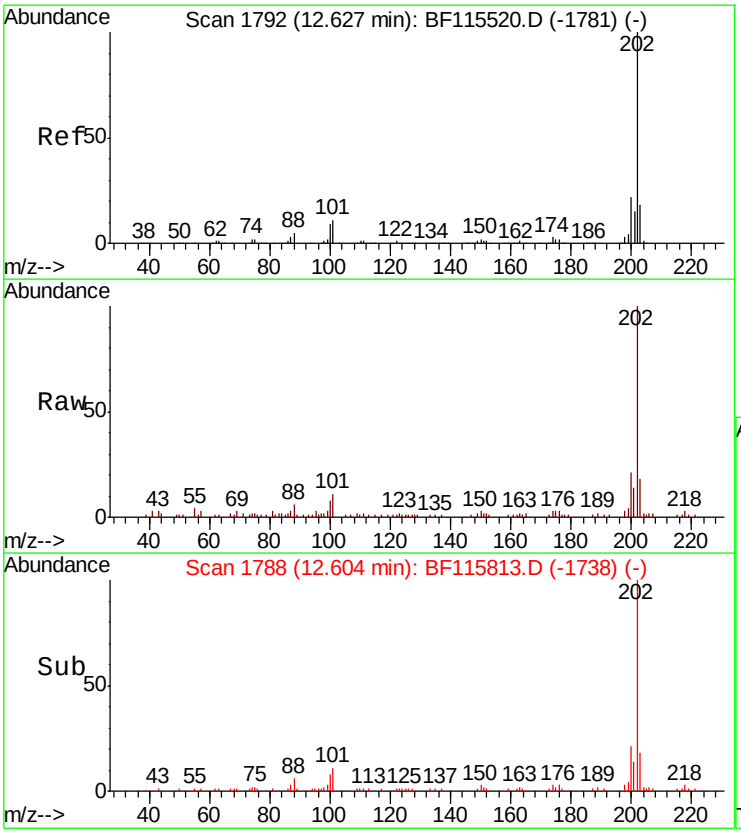
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:188 Resp: 320223

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.8	9.0	13.6

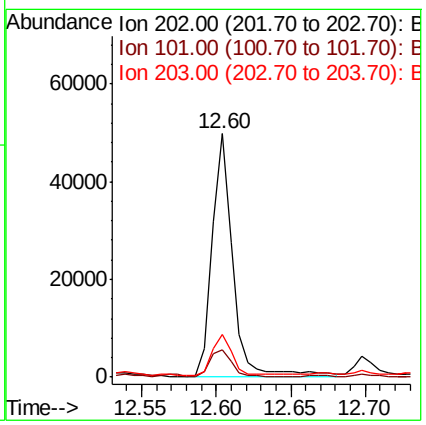


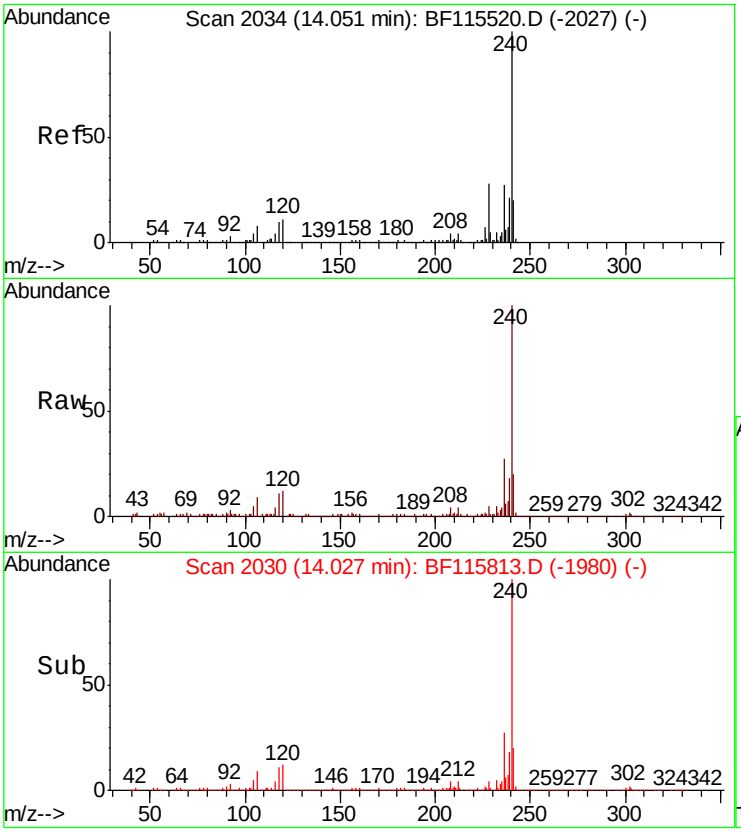


#75
Fluoranthene
Concen: 2.799 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:202 Resp: 48543

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.6
203	17.7	0.0	38.0



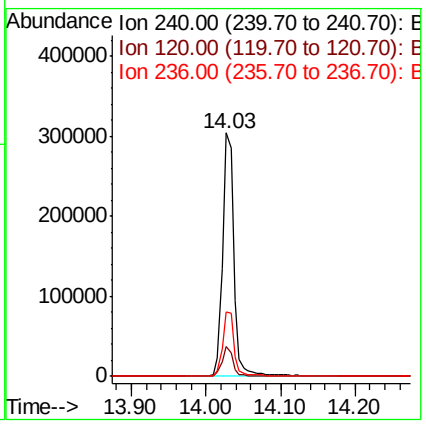


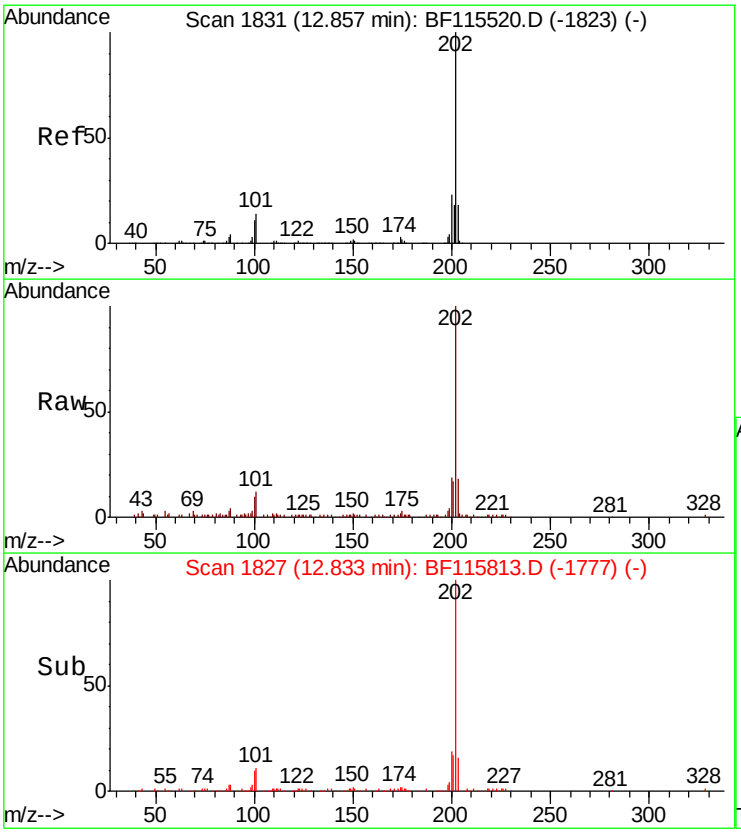
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:240 Resp: 320469

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.0	15.0
236	26.6	21.8	32.6

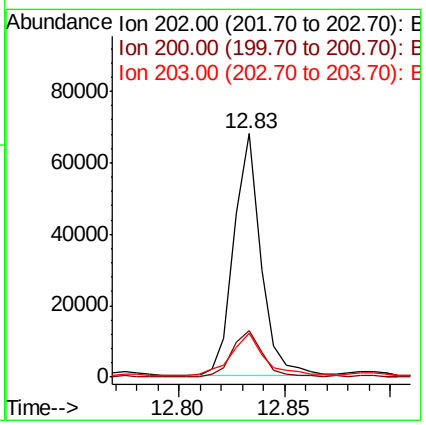


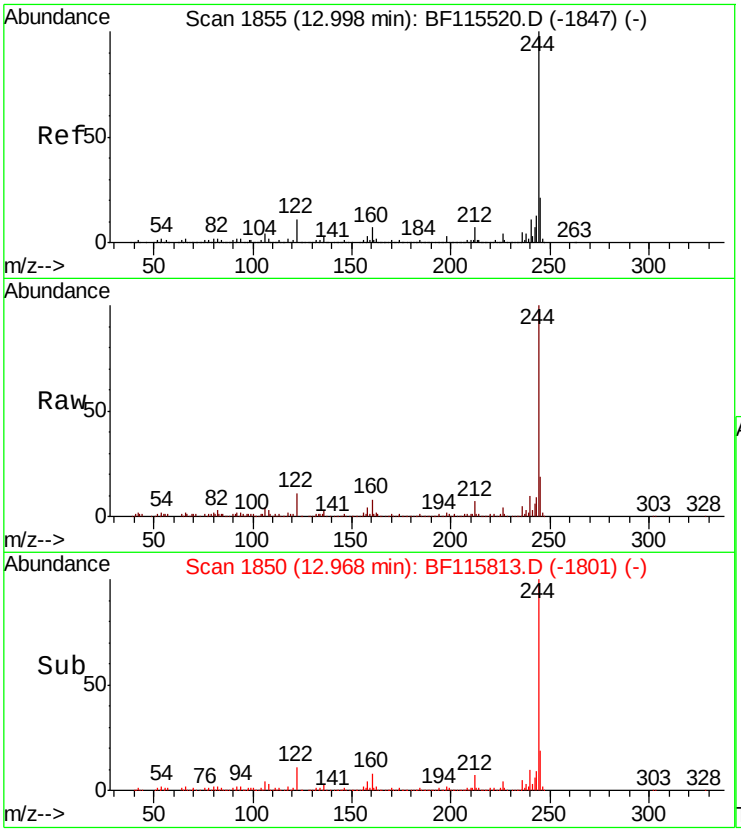


#78
Pyrene
Concen: 2.231 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:202 Resp: 60573

Ion	Ratio	Lower	Upper
202	100		
200	19.0	18.2	27.4
203	17.8	14.6	21.8



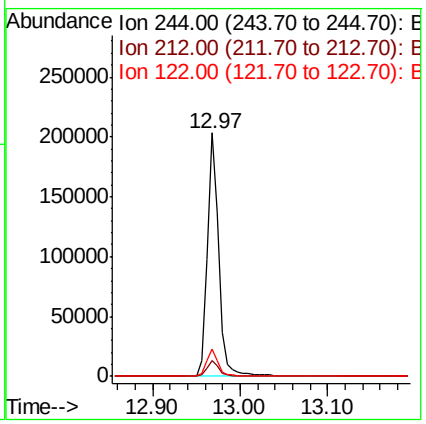


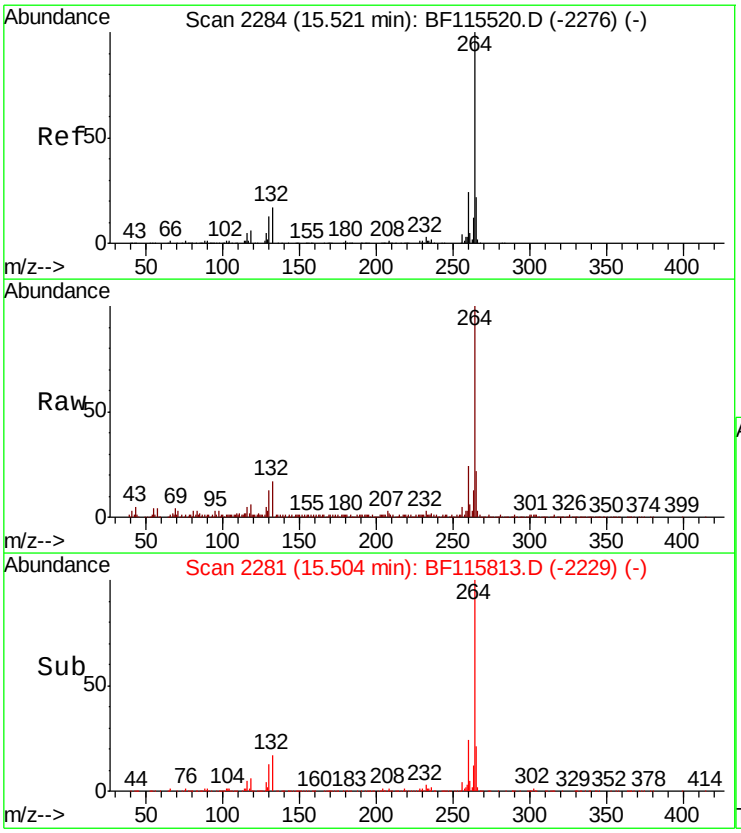
#79
Terphenyl-d14
Concen: 10.679 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:244 Resp: 185473

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.3	8.2	12.4

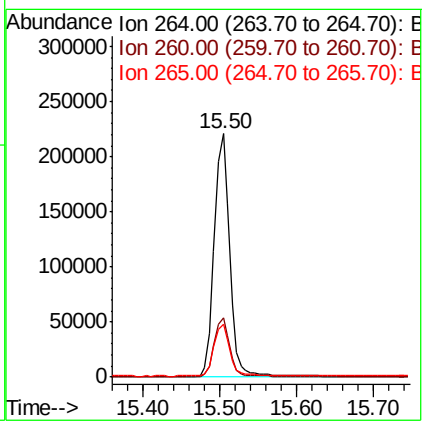


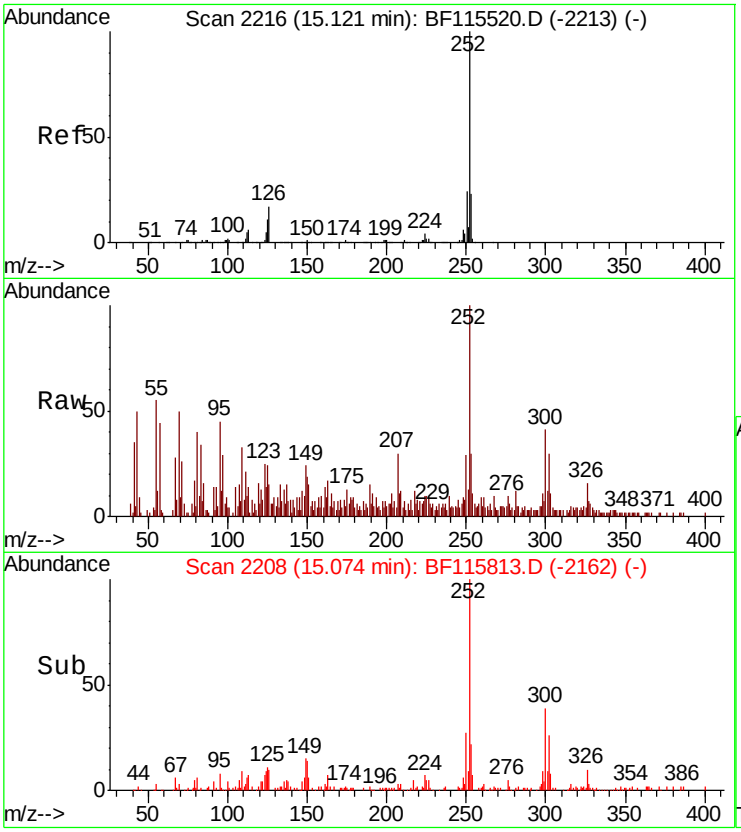


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:264 Resp: 304214

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.6	17.5	26.3





#89
Benzo(k)fluoranthene
Concen: 2.130 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.03 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tgt Ion:252 Resp: 37194

Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.1	27.1#
125	23.7	8.6	13.0#