Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116613.D
Acq On : 28 Aug 2019 13:56
Operator : HP/JU
Sample : PB122569BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 01:01:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127285	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	497483	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	266615	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	473258	20.00	ng	0.00
76) Chrysene-d12	14.00	240	331093	20.00	ng	0.00
87) Perylene-d12	15.46	264	291578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	865663	117.47	ng	0.01
7) Phenol-d6	6.49	99	1167309	116.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	728178	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	284352	112.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1318152	82.28	ng	0.00
79) Terphenyl-d14	12.96	244	1494054	73.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1687	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	96771	15.231	ng	# 76
25) Isophorone	7.42	82	725671	45.849	ng	# 65
51) 2,6-Dinitrotoluene	9.89	165	33322	8.431	ng	# 30
57) 2,4-Dinitrotoluene	9.89	165	33322	6.389	ng	# 26
67) 4-Bromophenyl-phenylether	10.68	248	18568	3.699	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.90	276	4168	4.074	ng	# 67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Acq On : 28 Aug 2019 13:56
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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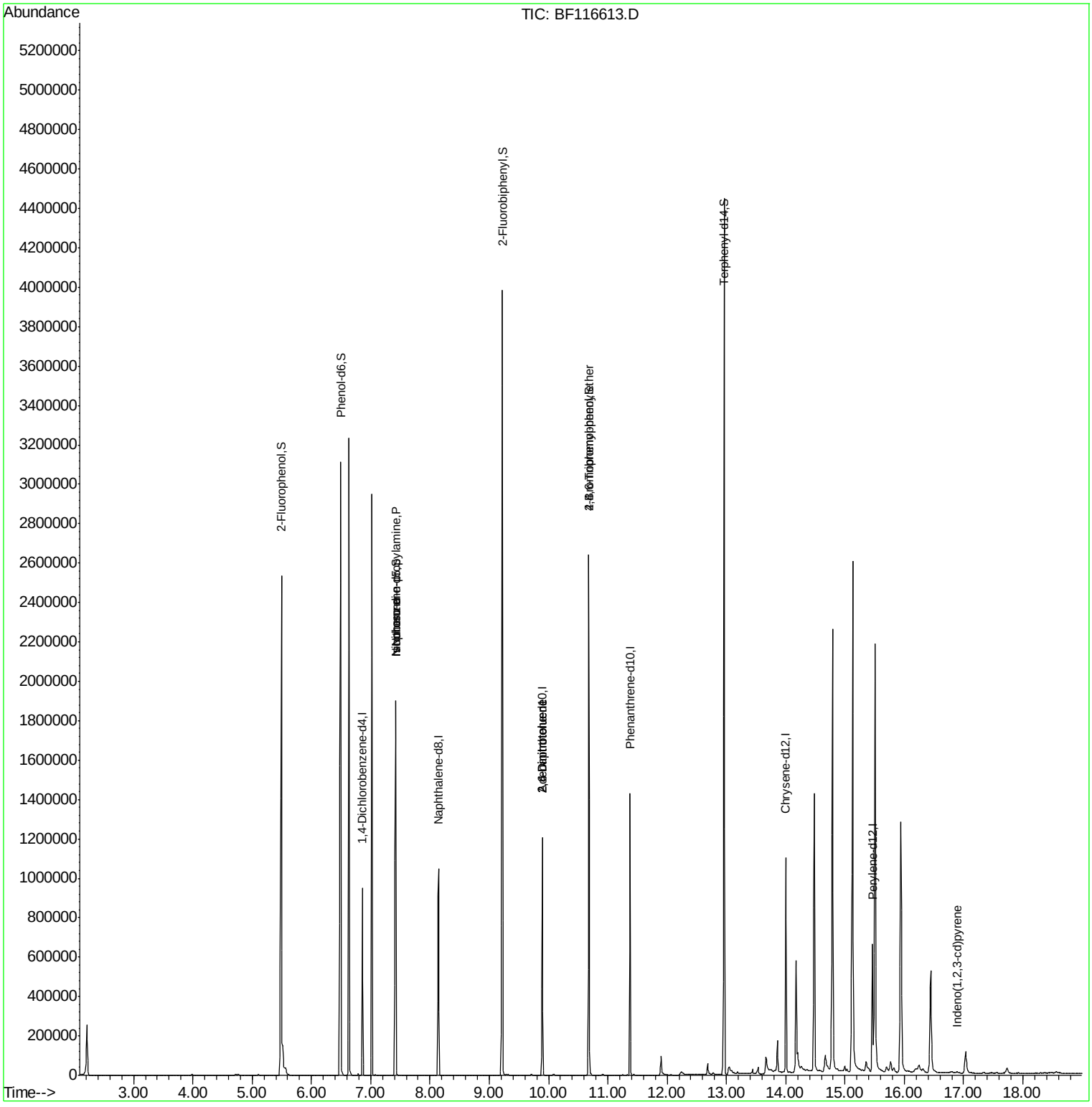
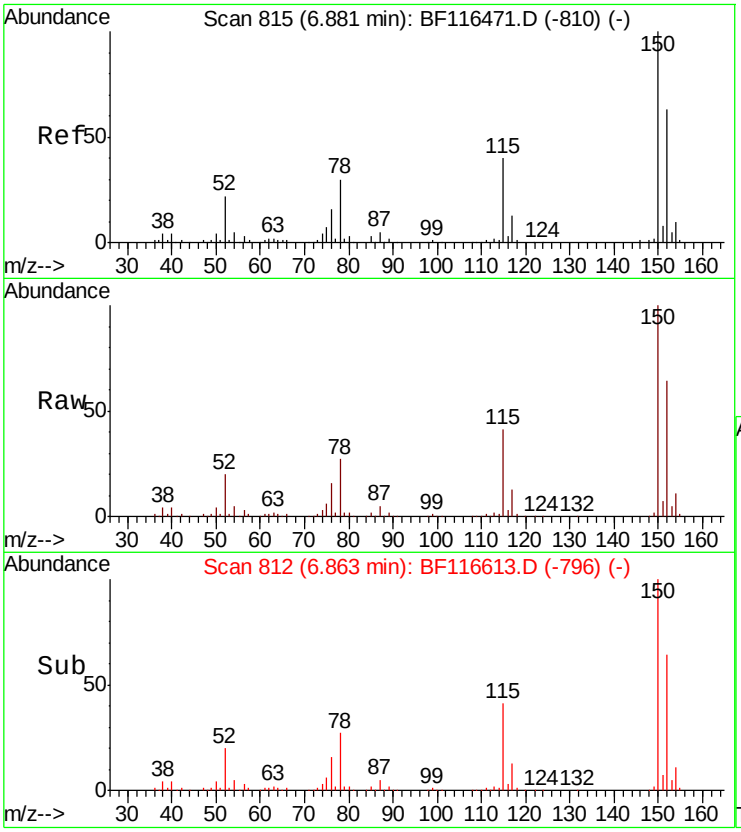
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration



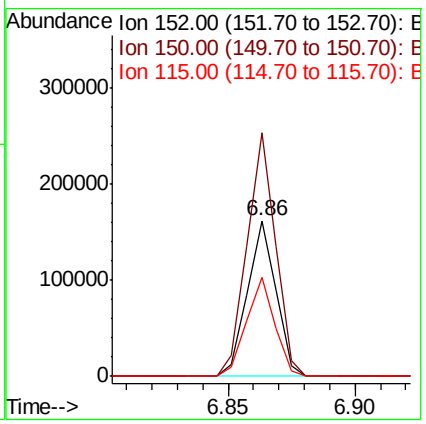


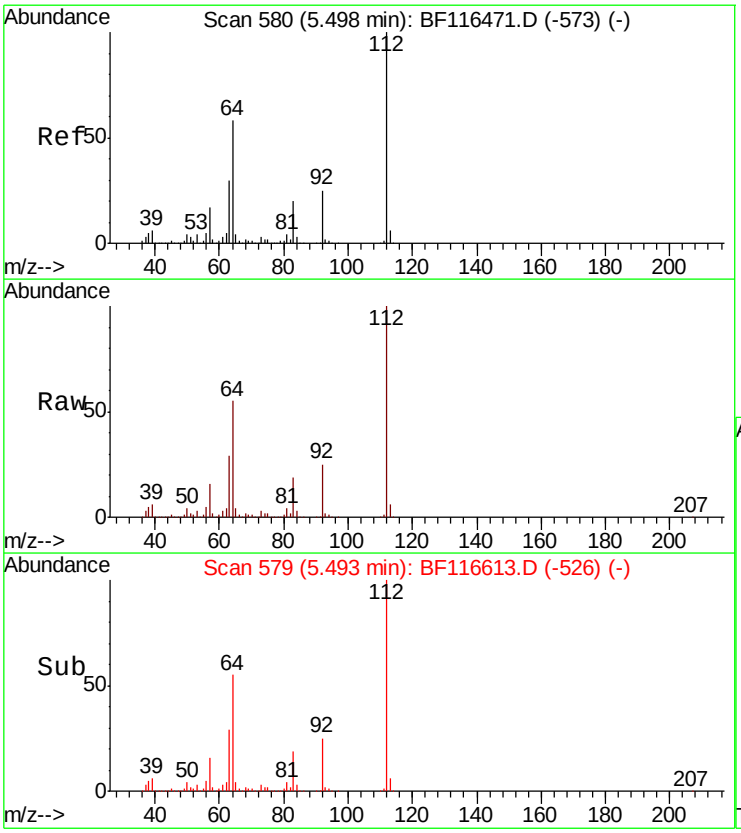
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127285

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.4	185.2
115	63.6	48.2	72.2

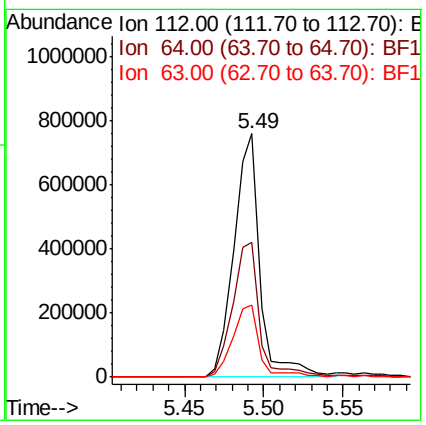


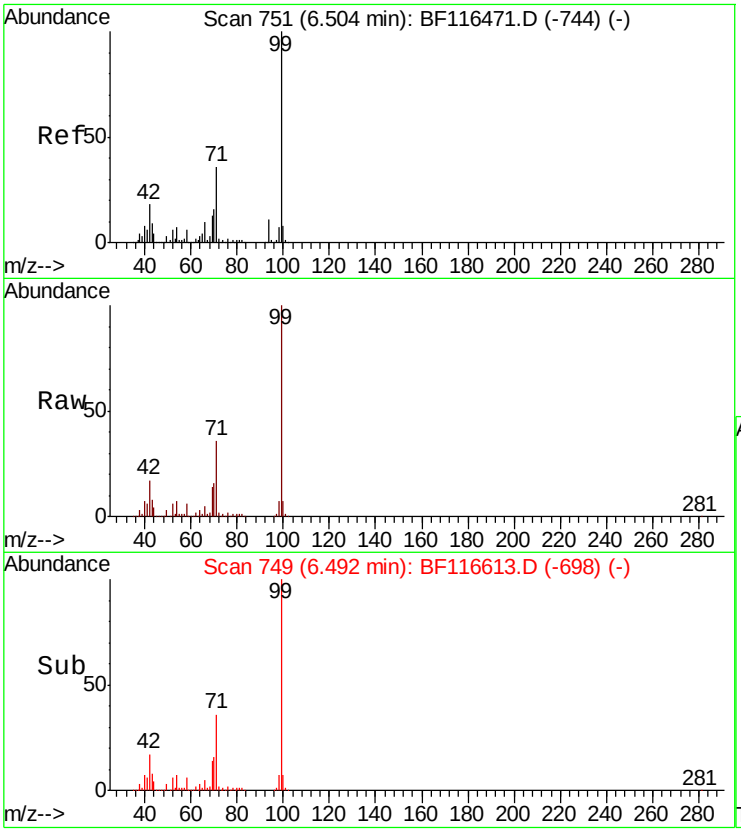


#5
2-Fluorophenol
Concen: 117.468 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:112 Resp: 865663

Ion	Ratio	Lower	Upper
112	100		
64	55.4	48.0	72.0
63	29.4	24.6	36.8



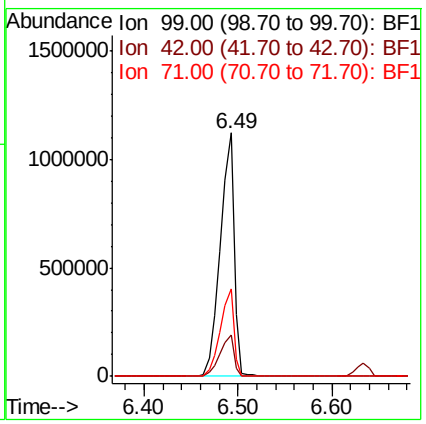


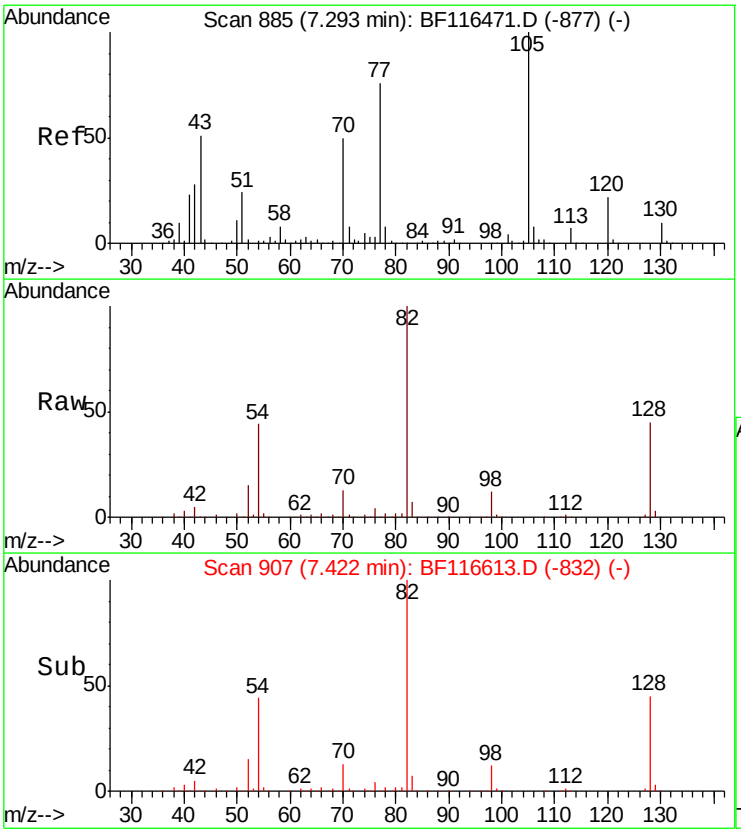
#7
Phenol-d6
Concen: 116.837 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1167309

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.2	19.8
71	36.0	27.4	41.2

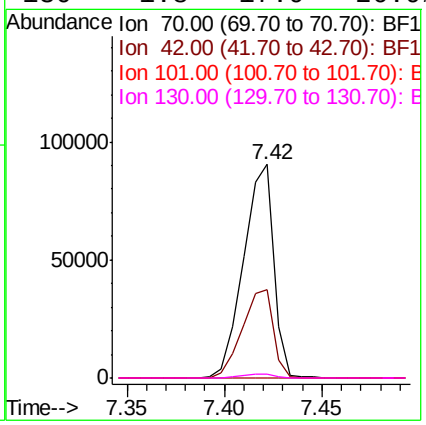


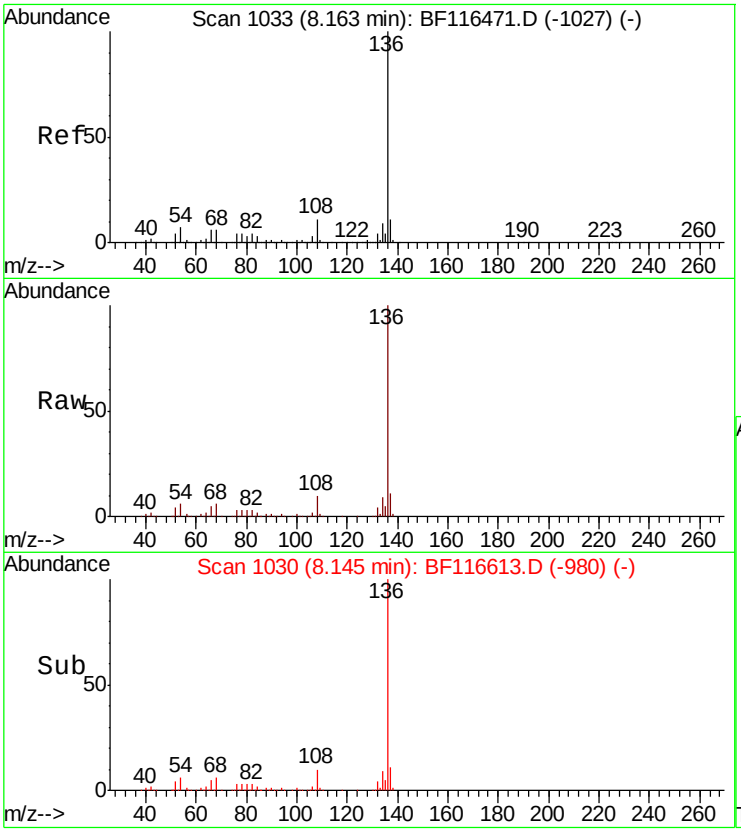


#19
n-Nitroso-di-n-propylamine
Concen: 15.231 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion: 70 Resp: 96771

Ion	Ratio	Lower	Upper
70	100		
42	41.1	41.2	61.8#
101	0.0	7.7	11.5#
130	1.8	17.9	26.9#



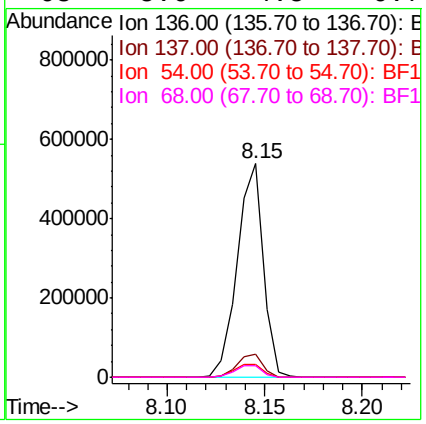


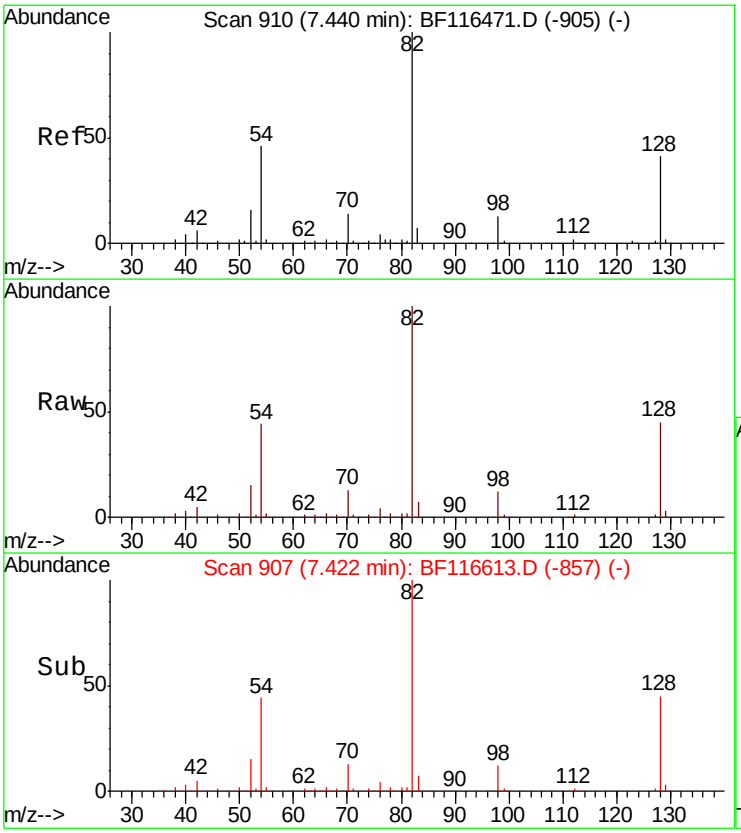
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 497483

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.0	7.4
68	5.6	4.5	6.7

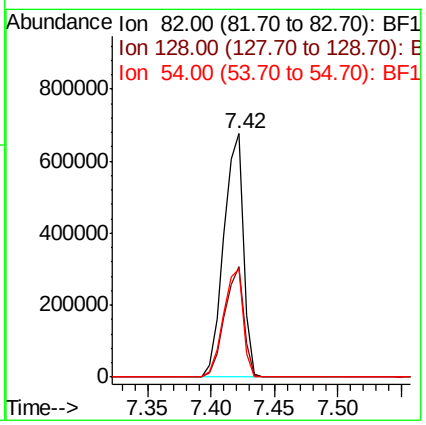


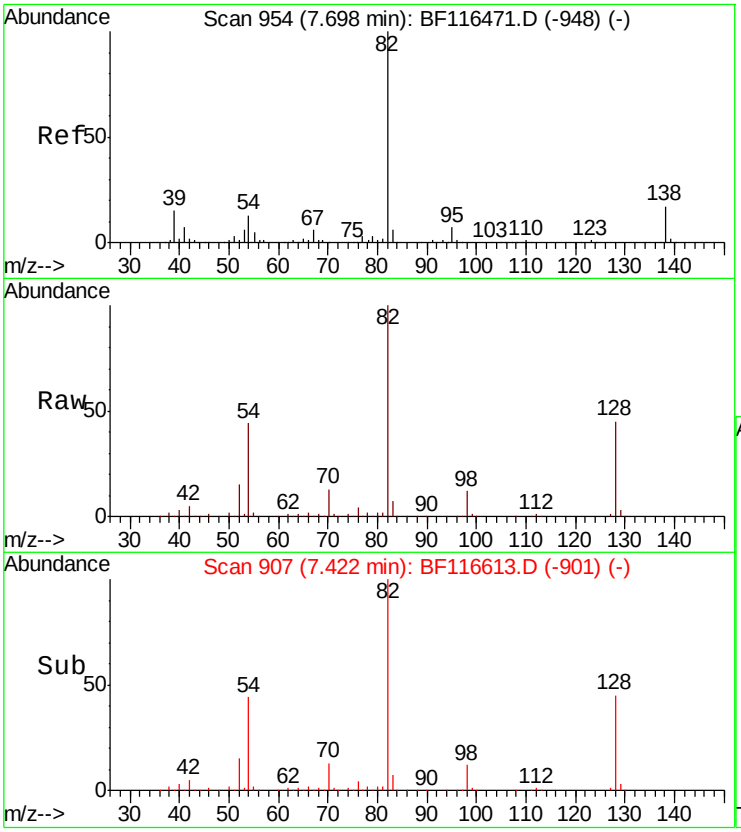


#23
Nitrobenzene-d5
Concen: 83.754 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion: 82 Resp: 728178

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.0	52.6
54	44.1	34.4	51.6



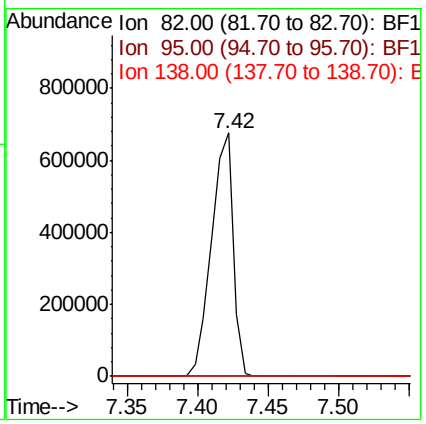


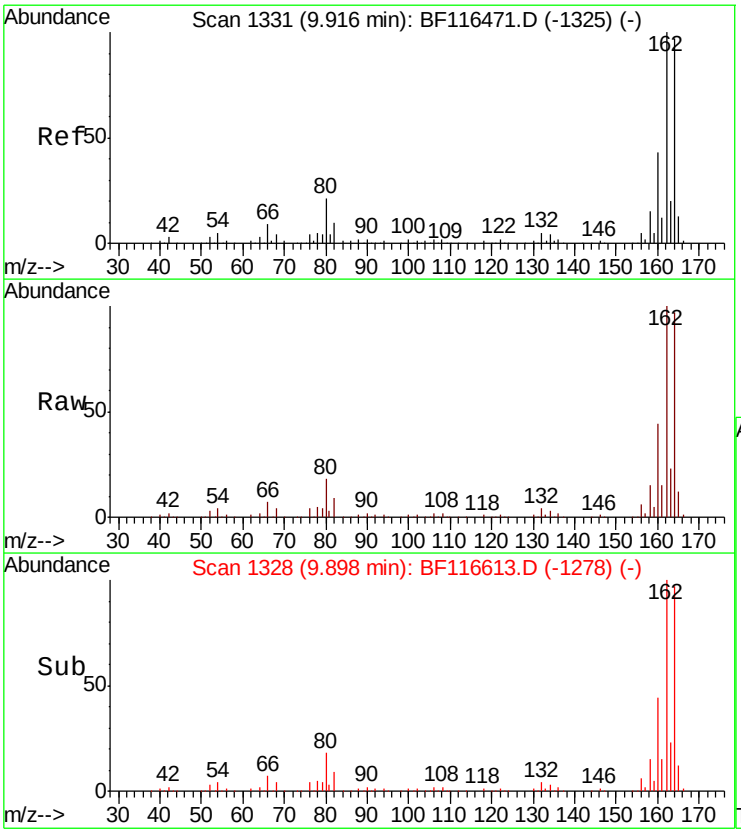
#25
Isophorone
Concen: 45.849 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 725671

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#

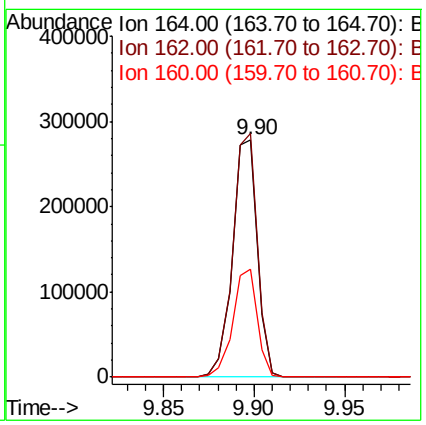


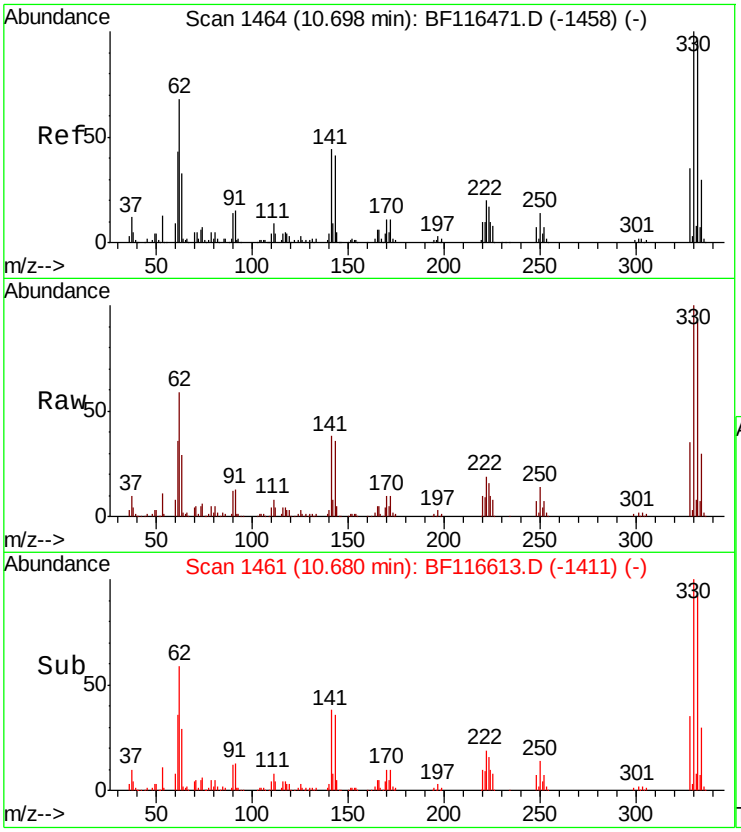


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:164 Resp: 266615

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.0
160	45.6	37.0	55.4



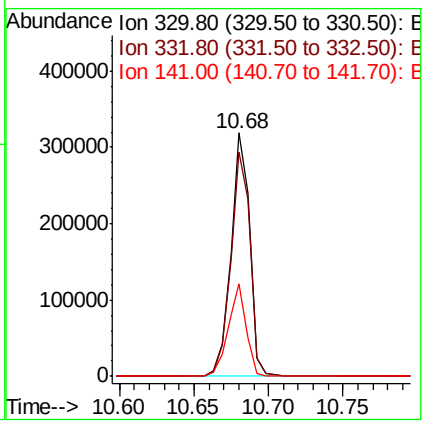


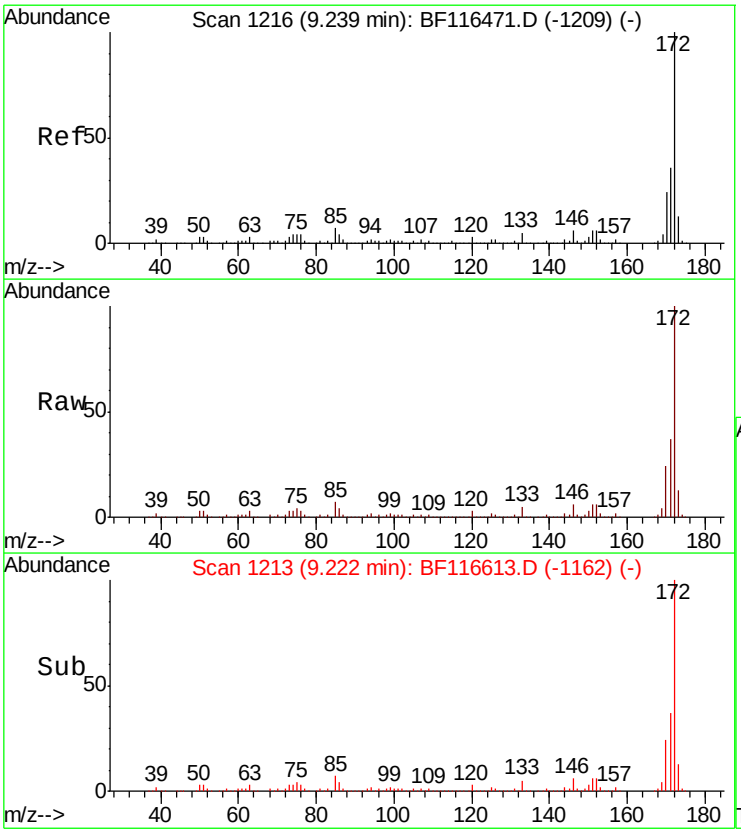
#42
2,4,6-Tribromophenol
Concen: 112.076 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 284352

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.5	116.3
141	36.7	28.2	42.2

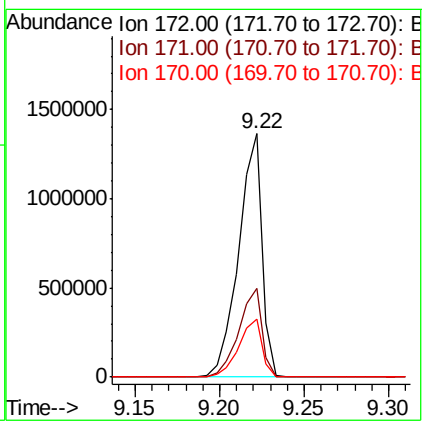


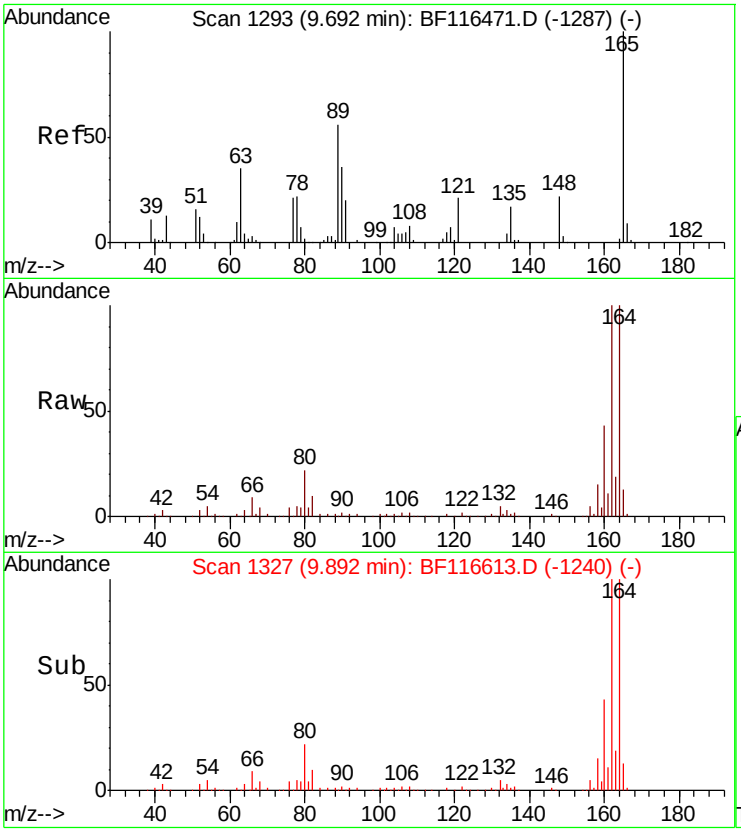


#45
2-Fluorobiphenyl
Concen: 82.279 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:172 Resp: 1318152

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	23.9	19.3	28.9



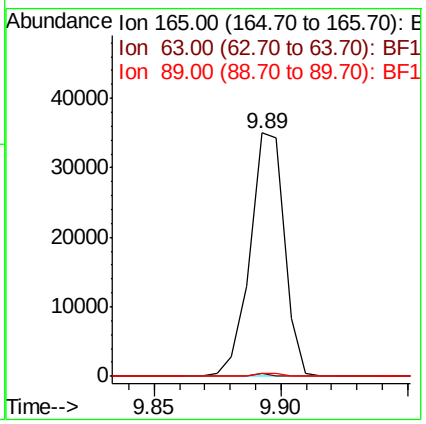


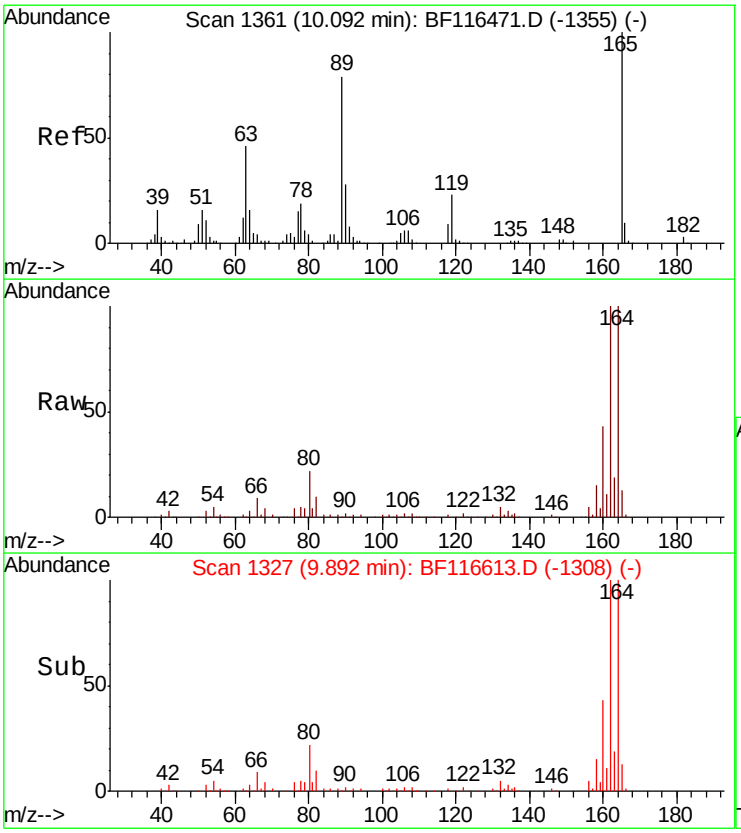
#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33322

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.2	55.8#
89	1.4	40.8	61.2#

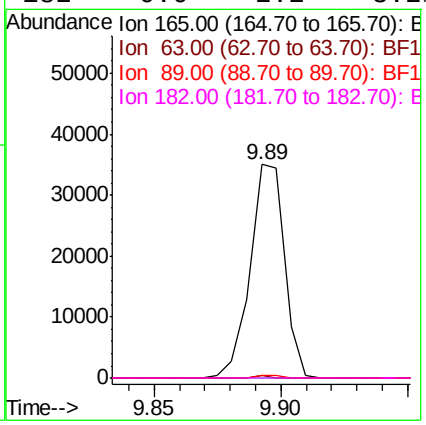


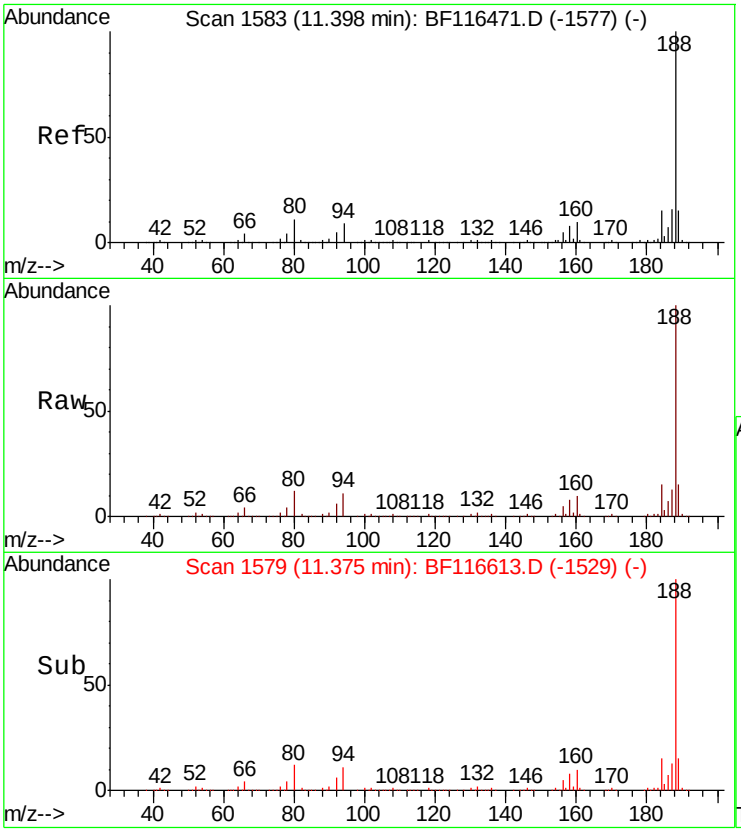


#57
2,4-Dinitrotoluene
Concen: 6.389 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:165 Resp: 33322

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.9	46.3#
89	1.4	55.0	82.6#
182	0.0	2.2	3.2#



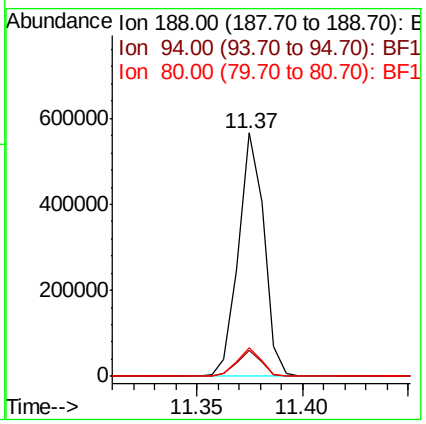


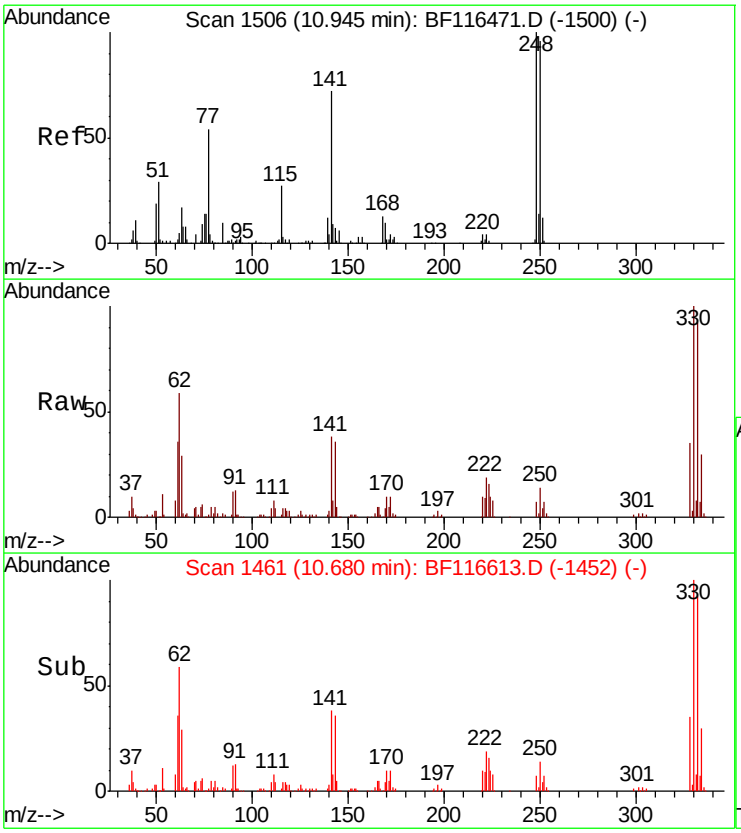
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 473258

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	11.5	8.9	13.3

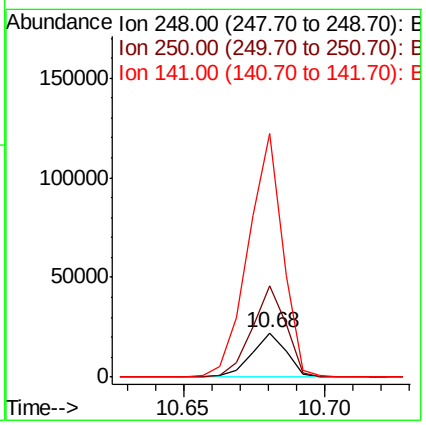


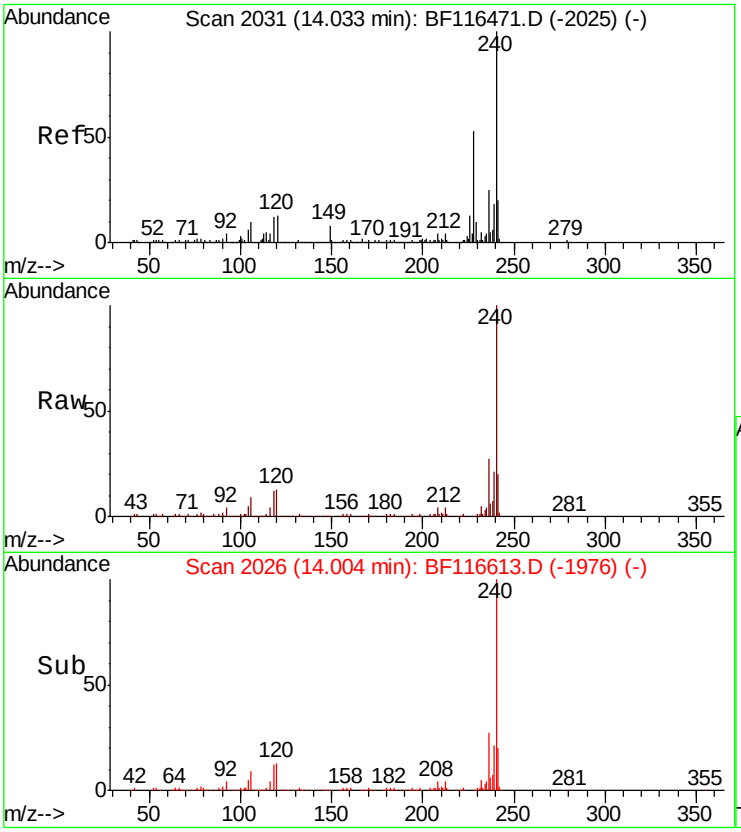


#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:248 Resp: 18568

Ion	Ratio	Lower	Upper
248	100		
250	207.8	76.6	115.0#
141	554.4	60.8	91.2#



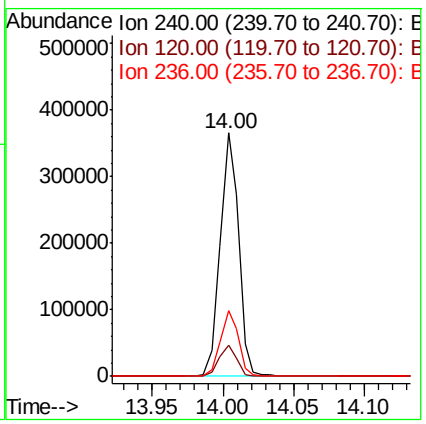


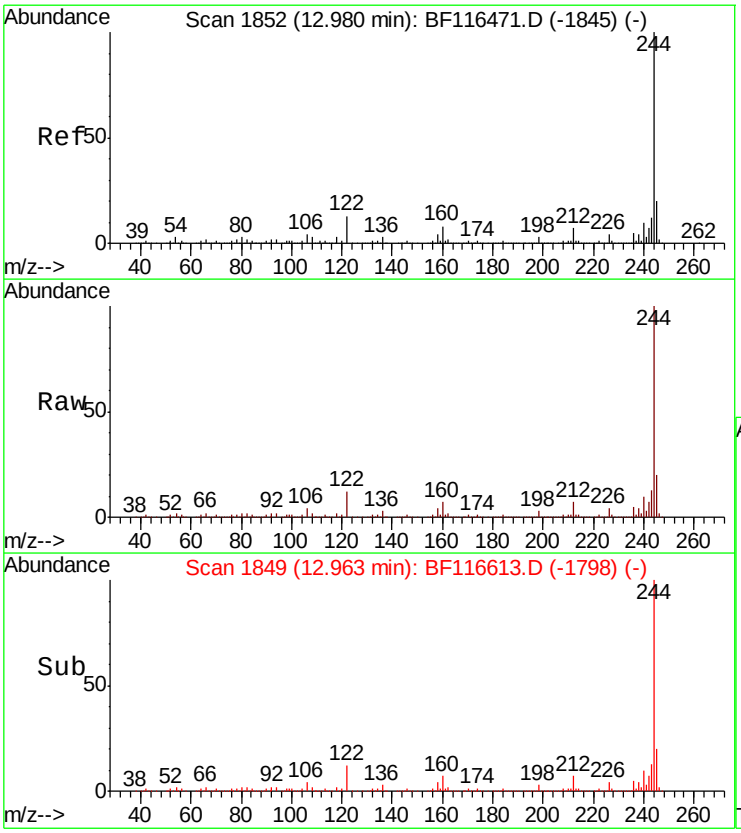
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 331093

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.3	16.9
236	27.2	21.4	32.2

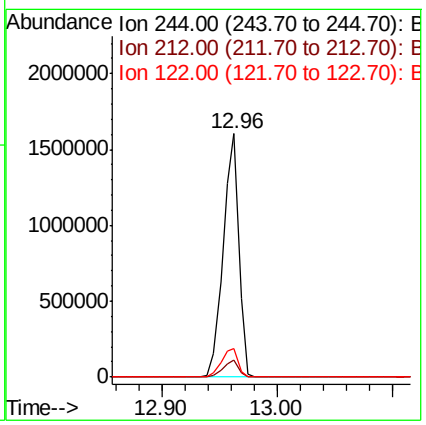


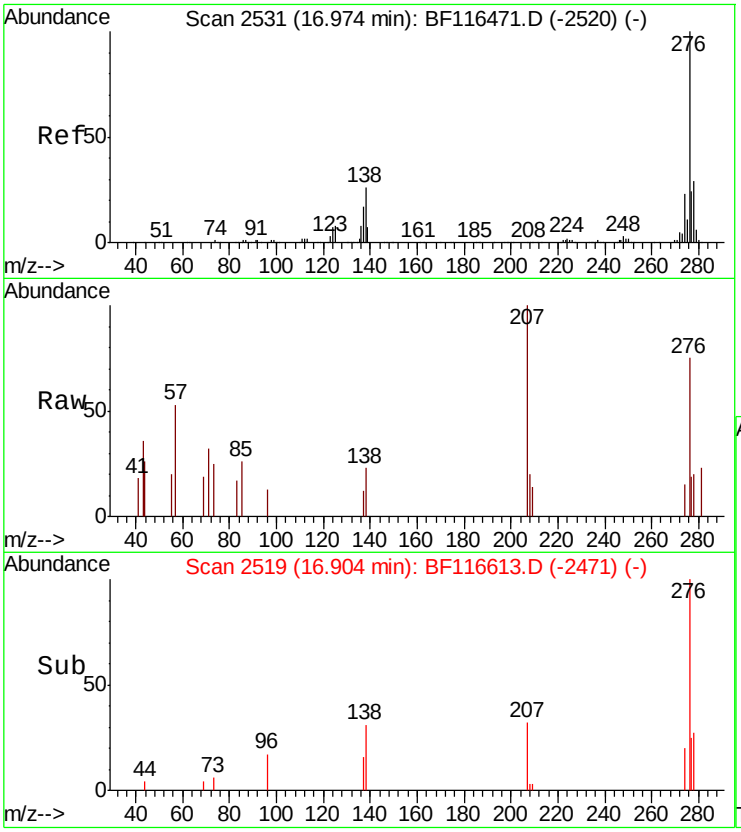


#79
Terphenyl-d14
Concen: 73.389 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:244 Resp: 1494054

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.8	10.0	15.0



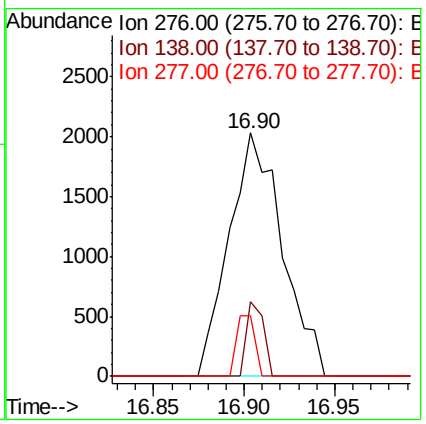


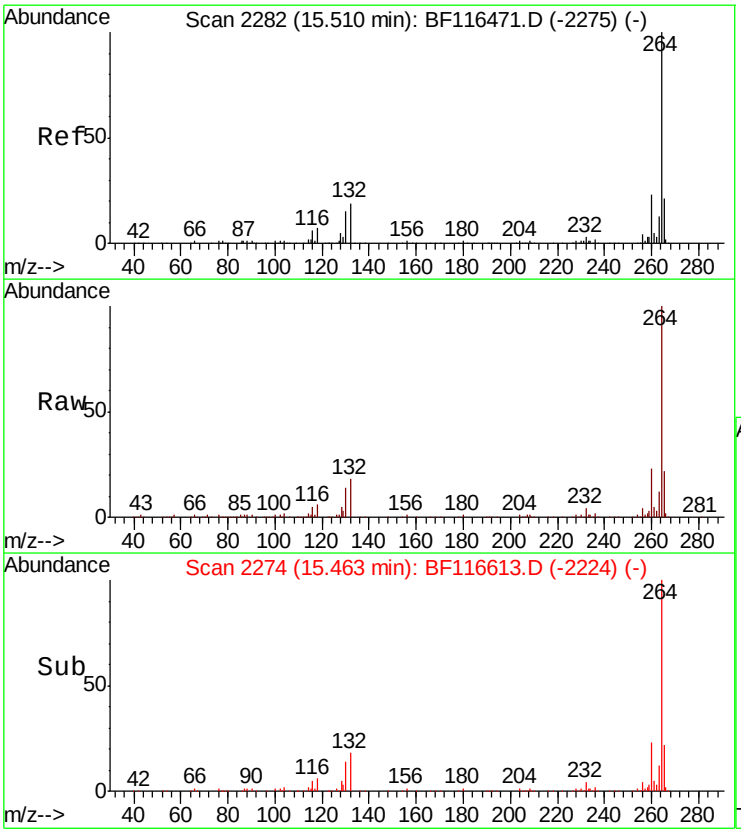
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.074 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 4168

Ion	Ratio	Lower	Upper
276	100		
138	9.6	21.5	32.3#
277	8.6	20.0	30.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:264 Resp: 291578

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.0	30.0
265	21.6	17.6	26.4