Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116486.D
Acq On : 23 Aug 2019 19:23
Operator : HP/JU
Sample : PB122424BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122424BL

Quant Time: Aug 24 03:34:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121799	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	461366	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	236881	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	389237	20.00	ng	0.00
76) Chrysene-d12	14.03	240	242492	20.00	ng	0.00
87) Perylene-d12	15.49	264	236055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	772371	92.66	ng	0.00
7) Phenol-d6	6.50	99	1012826	99.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	632898	75.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	217205	106.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1145939	77.91	ng	0.00
79) Terphenyl-d14	12.98	244	1091557	84.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	86158	12.353	ng	# 75
25) Isophorone	7.44	82	632488	38.059	ng	# 67
51) 2,6-Dinitrotoluene	9.91	165	29752	8.795	ng	# 25
57) 2,4-Dinitrotoluene	9.91	165	29752	6.912	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	543	7.296	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	14095	3.454	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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Acq On : 23 Aug 2019 19:23
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Sample : PB122424BL
Misc :
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Quant Time: Aug 24 03:34:50 2019
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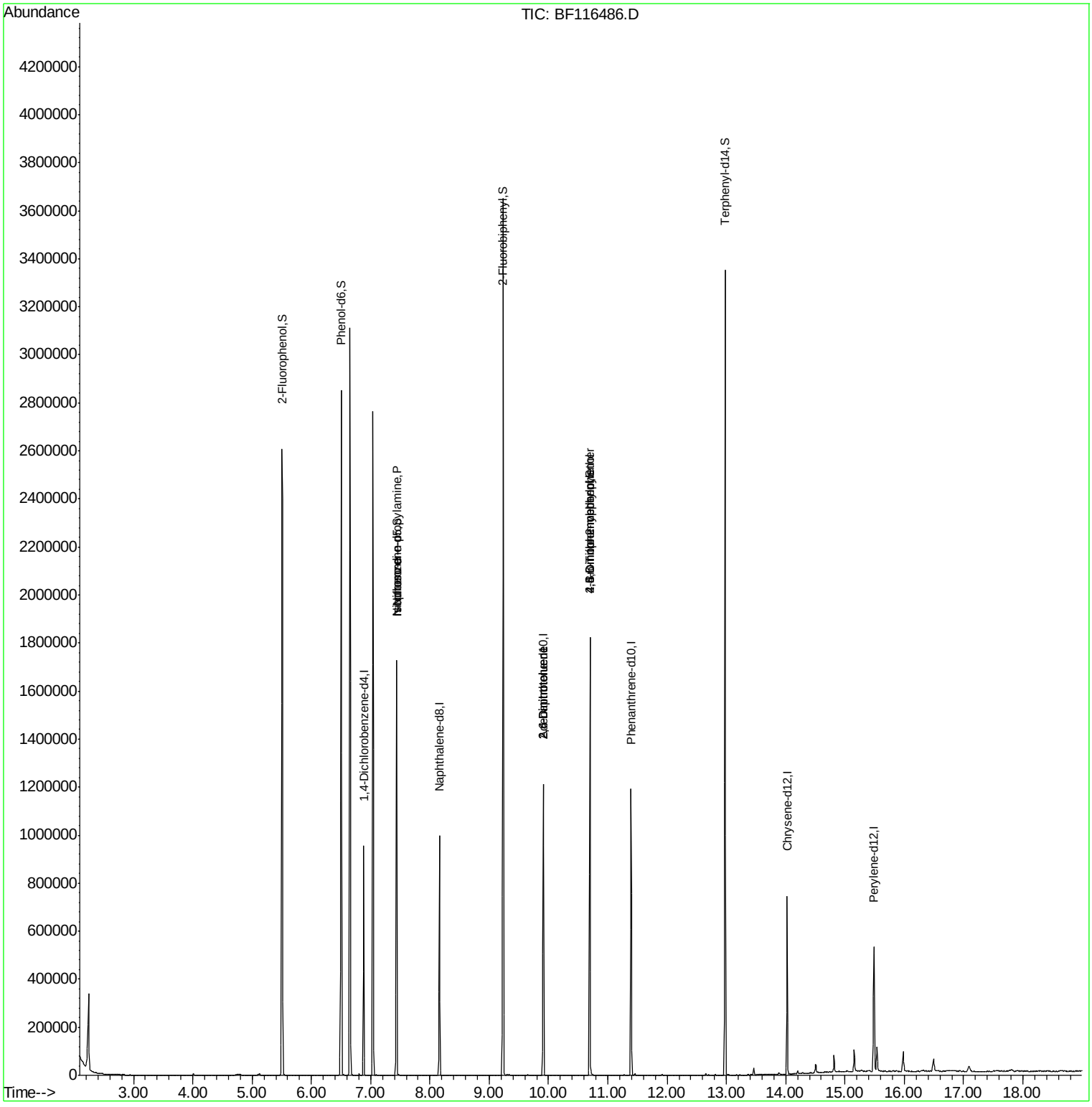
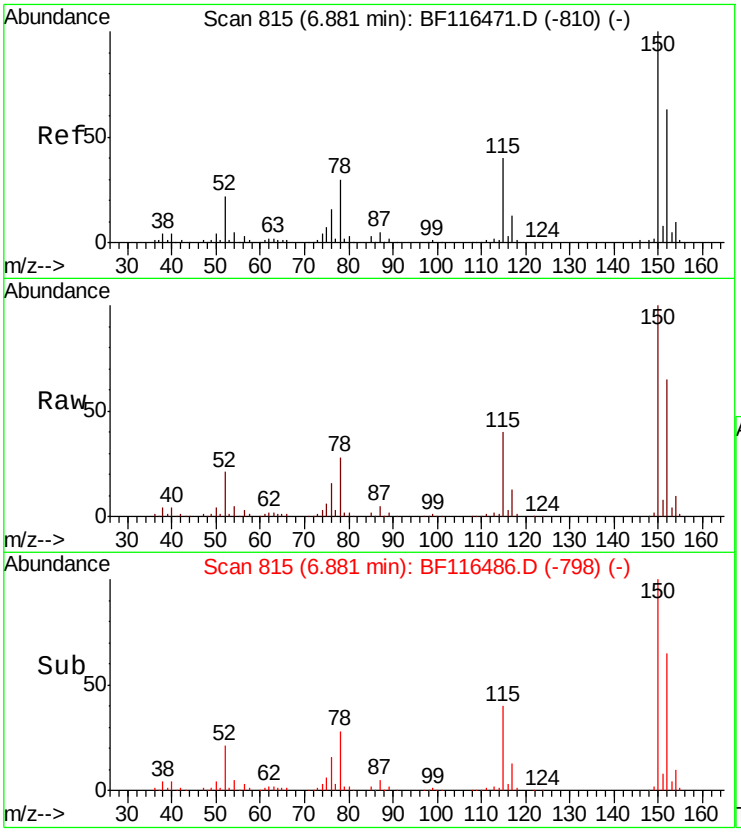
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



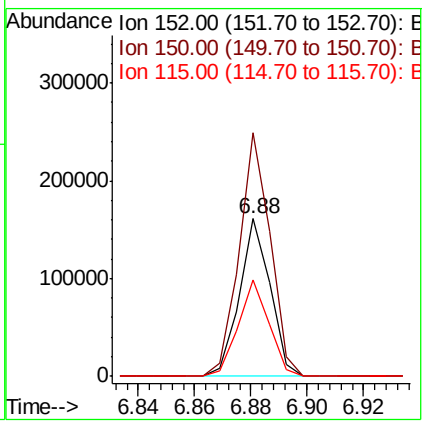


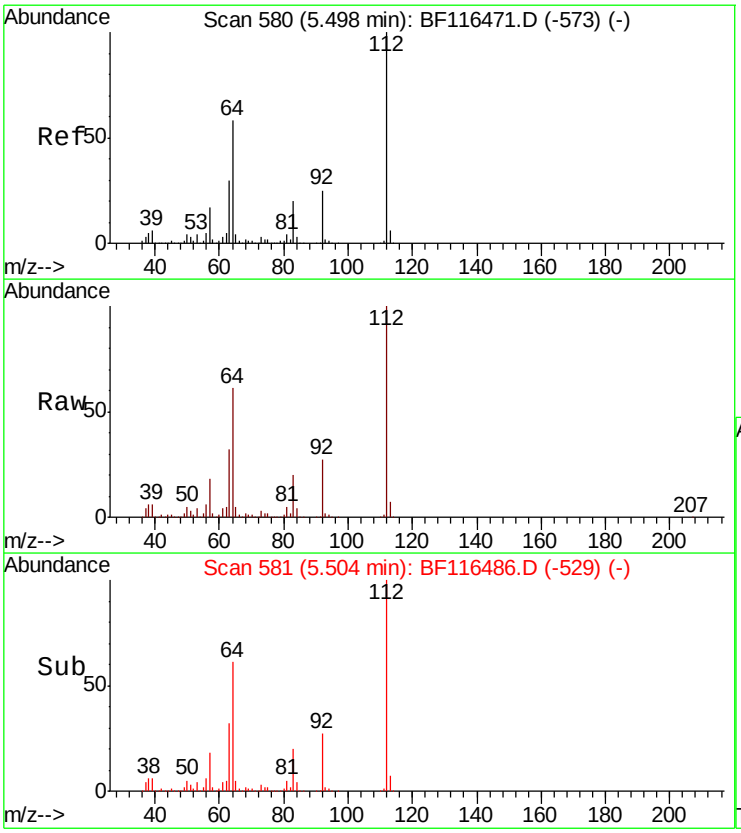
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:152 Resp: 121799

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.7	190.1
115	61.6	50.9	76.3

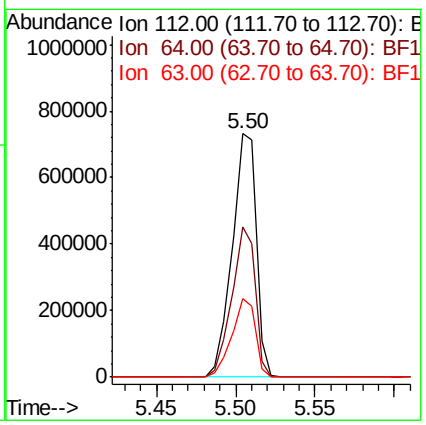


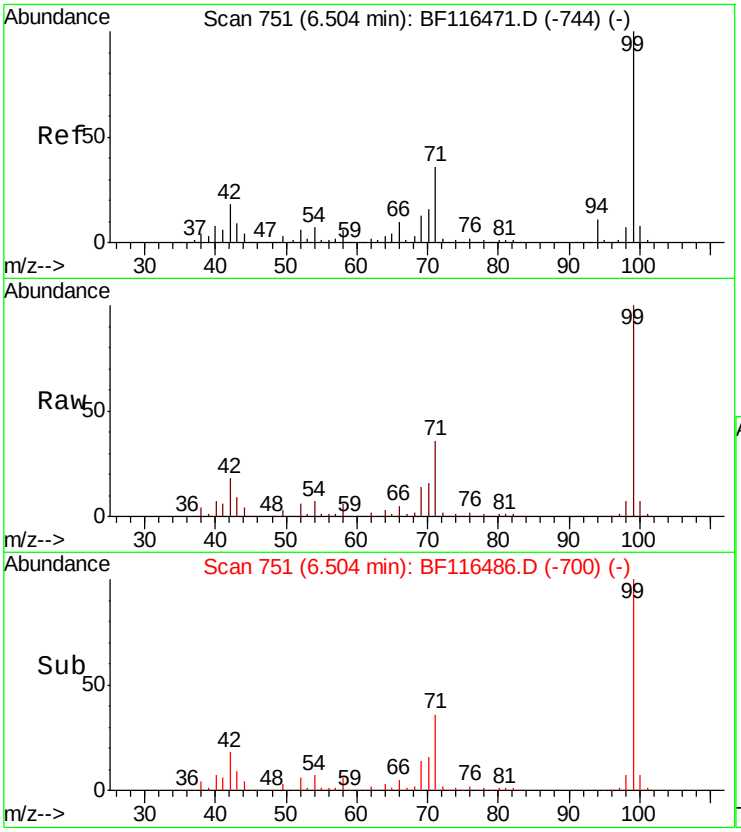


#5
2-Fluorophenol
Concen: 92.656 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:112 Resp: 772371

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.3	69.5
63	32.2	24.2	36.4



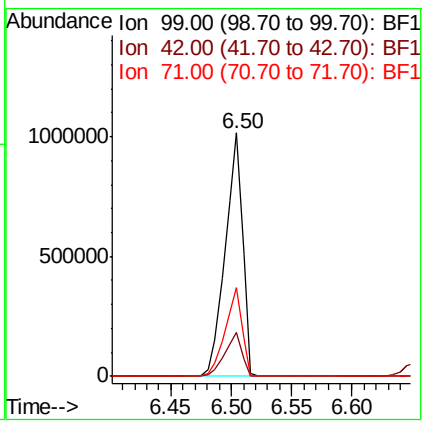


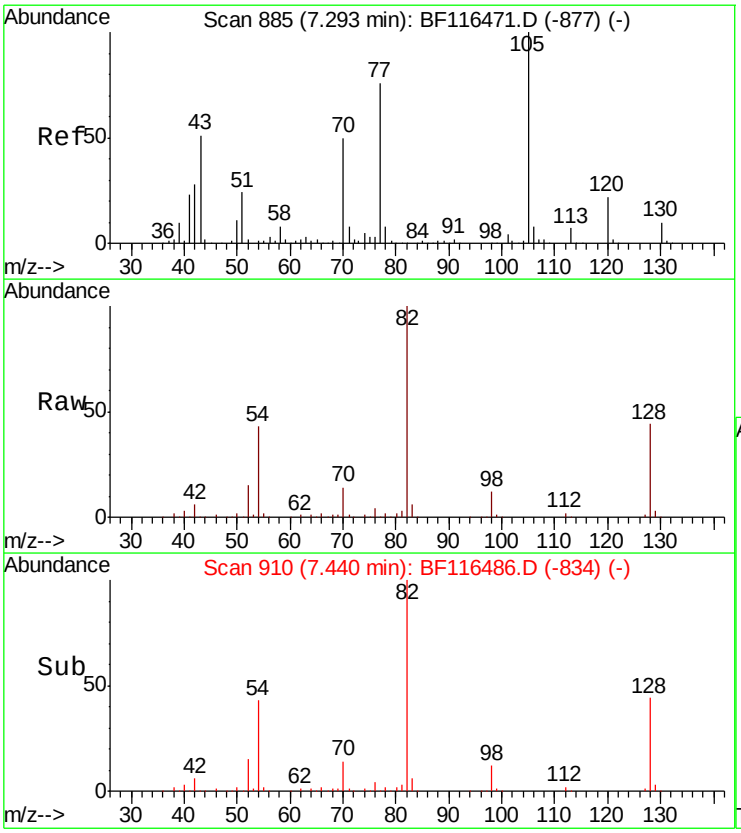
#7
Phenol-d6
Concen: 99.093 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion: 99 Resp: 1012826

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	36.3	28.5	42.7

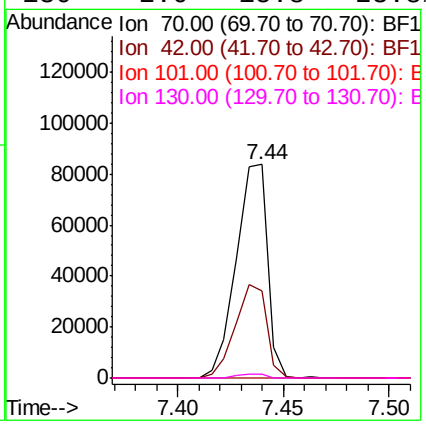


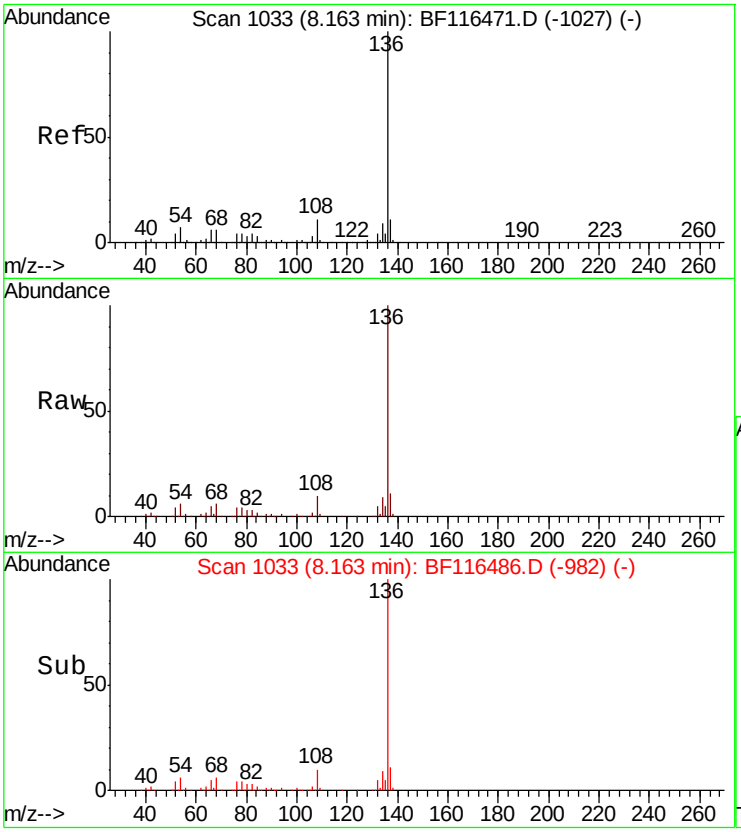


#19
n-Nitroso-di-n-propylamine
Concen: 12.353 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion: 70 Resp: 86158

Ion	Ratio	Lower	Upper
70	100		
42	40.5	44.4	66.6#
101	0.0	7.1	10.7#
130	2.0	15.8	23.8#



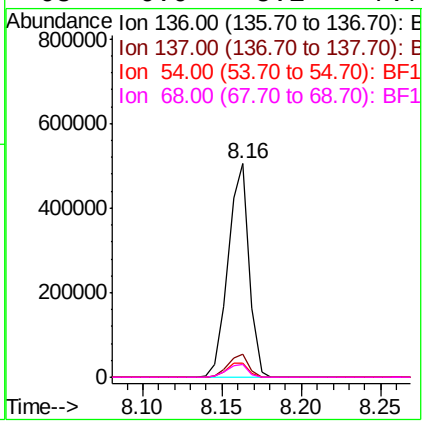


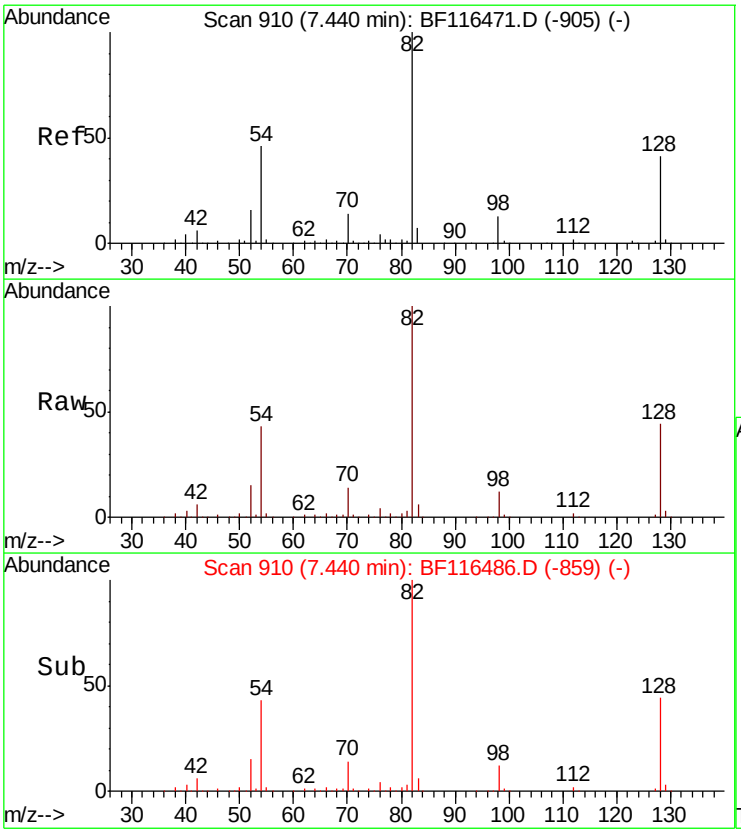
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:136 Resp: 461366

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.3	5.8	8.6
68	6.0	5.1	7.7

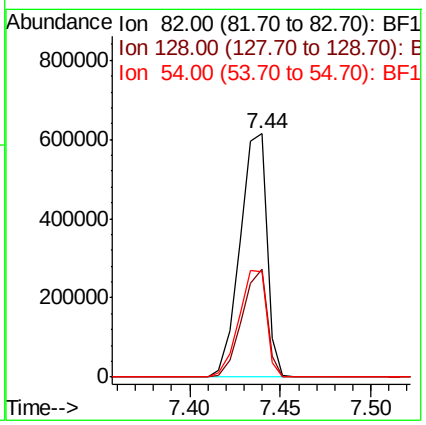


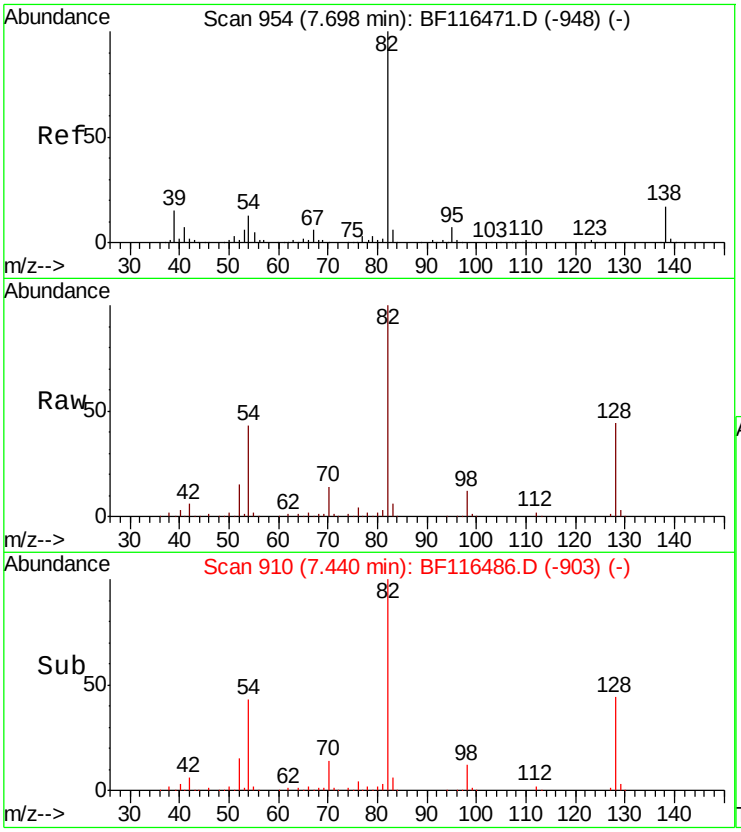


#23
Nitrobenzene-d5
Concen: 75.051 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion: 82 Resp: 632898

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.2	48.4
54	43.2	36.5	54.7



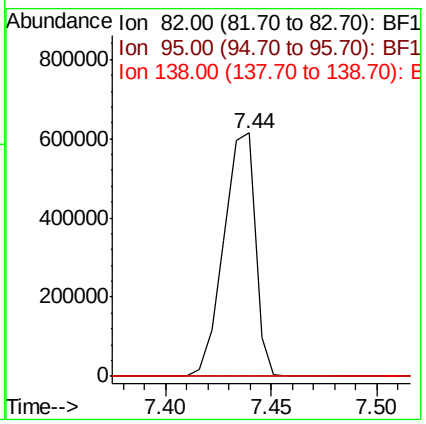


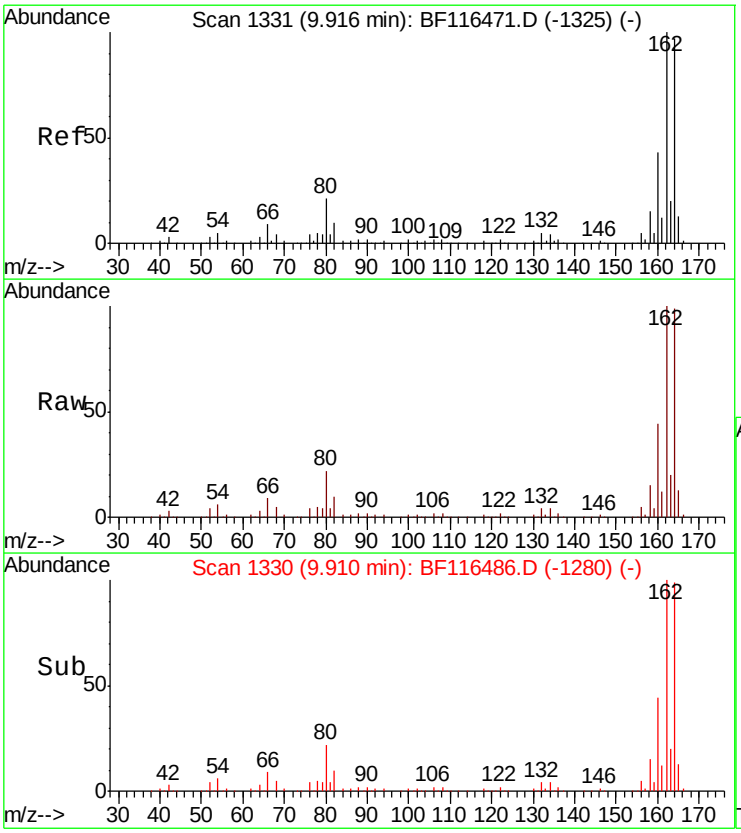
#25
Isophorone
Concen: 38.059 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion: 82 Resp: 632488

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

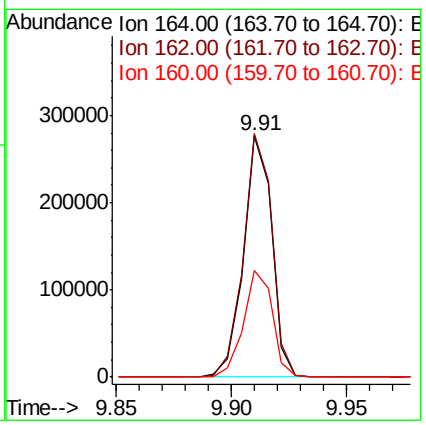


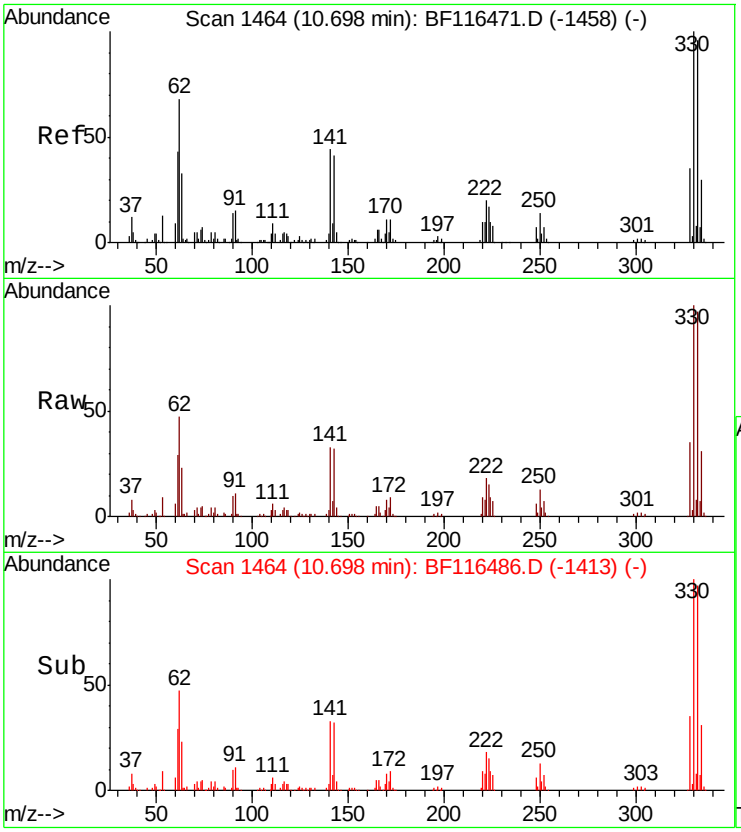


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:164 Resp: 236881

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.3	35.8	53.8



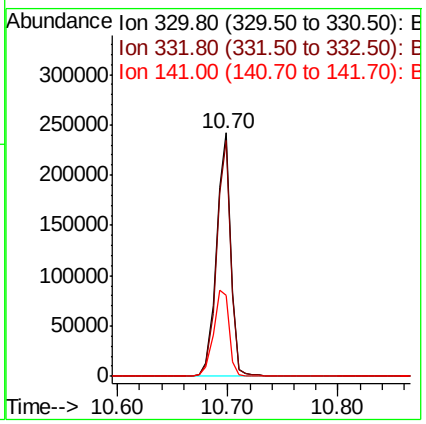


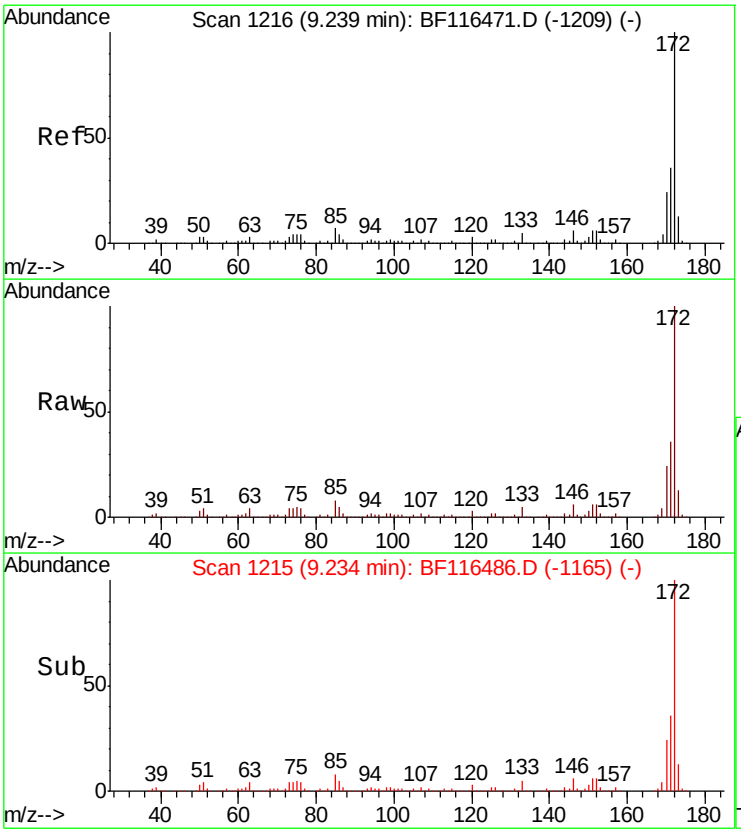
#42
2,4,6-Tribromophenol
Concen: 106.786 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:330 Resp: 217205

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	38.4	33.3	49.9

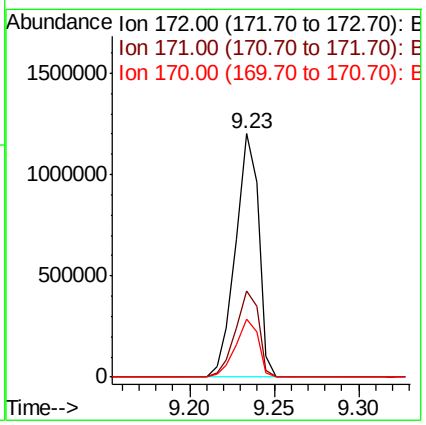


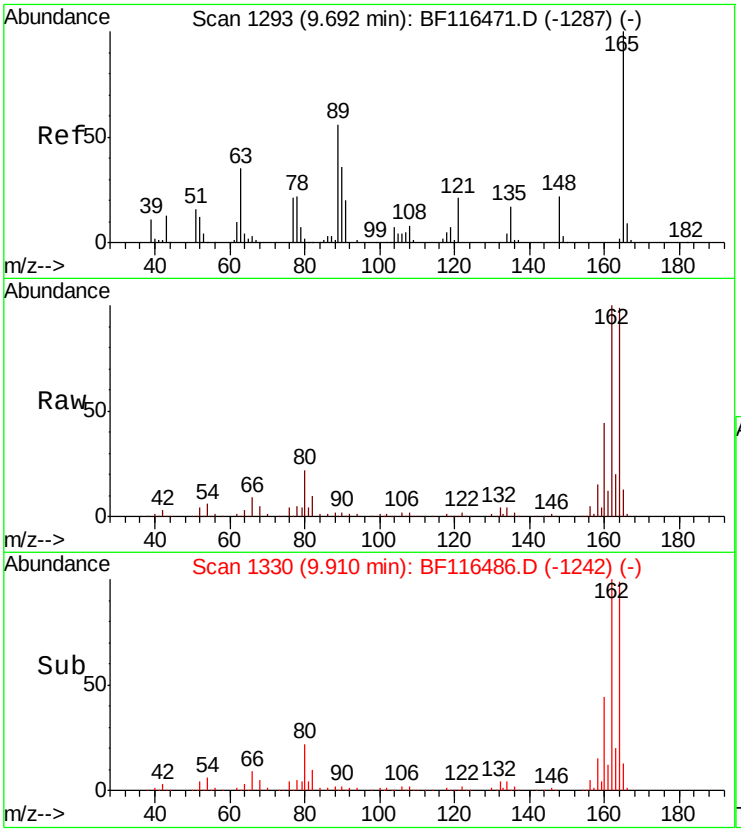


#45
2-Fluorobiphenyl
Concen: 77.905 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:172 Resp: 1145939

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.0	19.4	29.0



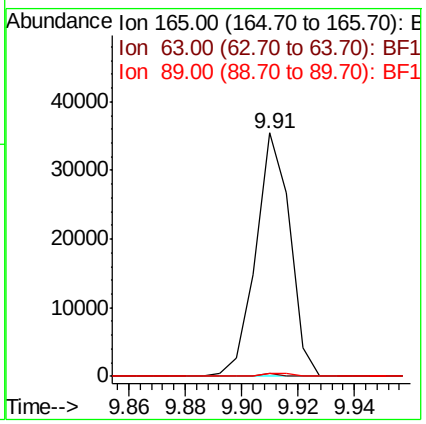


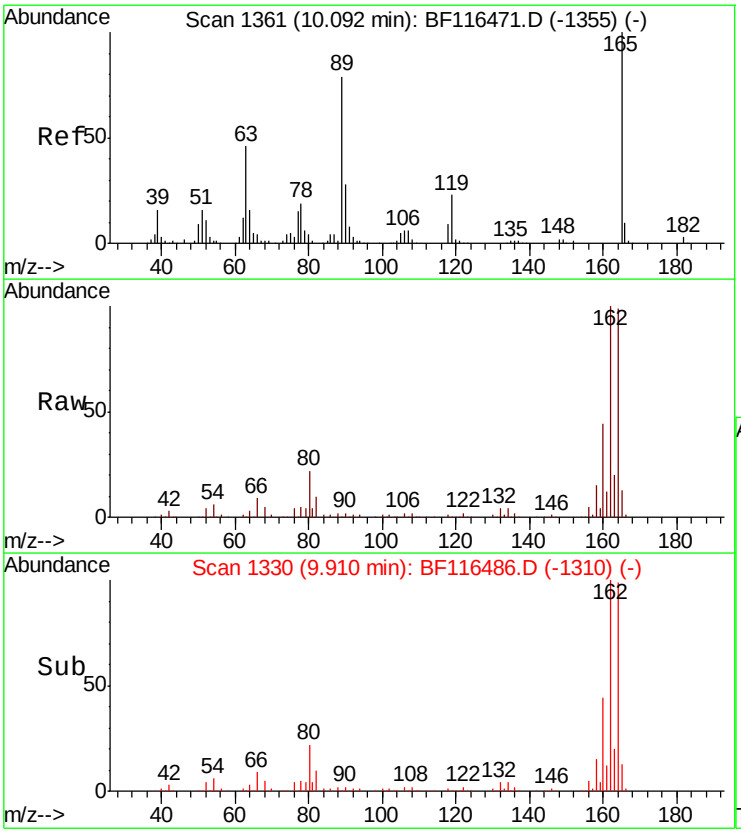
#51
2,6-Dinitrotoluene
Concen: 8.795 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.22 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:165 Resp: 29752

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.7	65.5#
89	1.1	45.1	67.7#

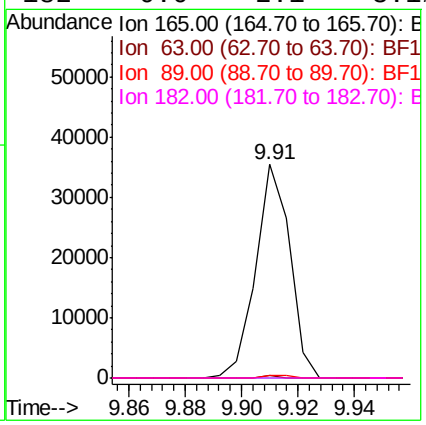


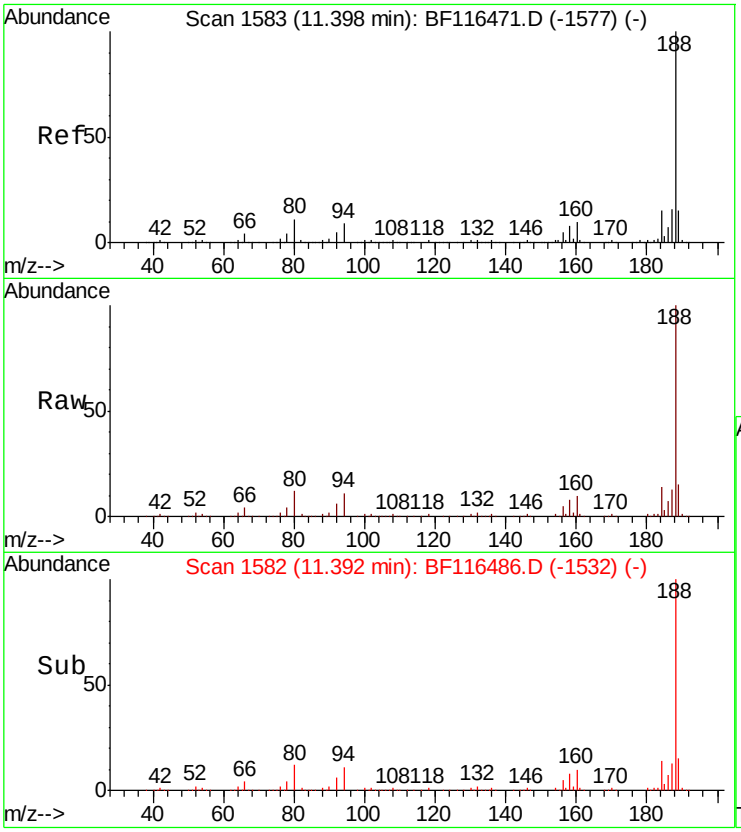


#57
2,4-Dinitrotoluene
Concen: 6.912 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.18 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:165 Resp: 29752

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.9	55.3#
89	1.1	63.4	95.0#
182	0.0	2.1	3.1#



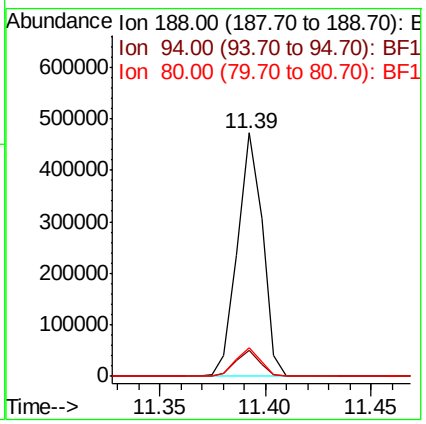


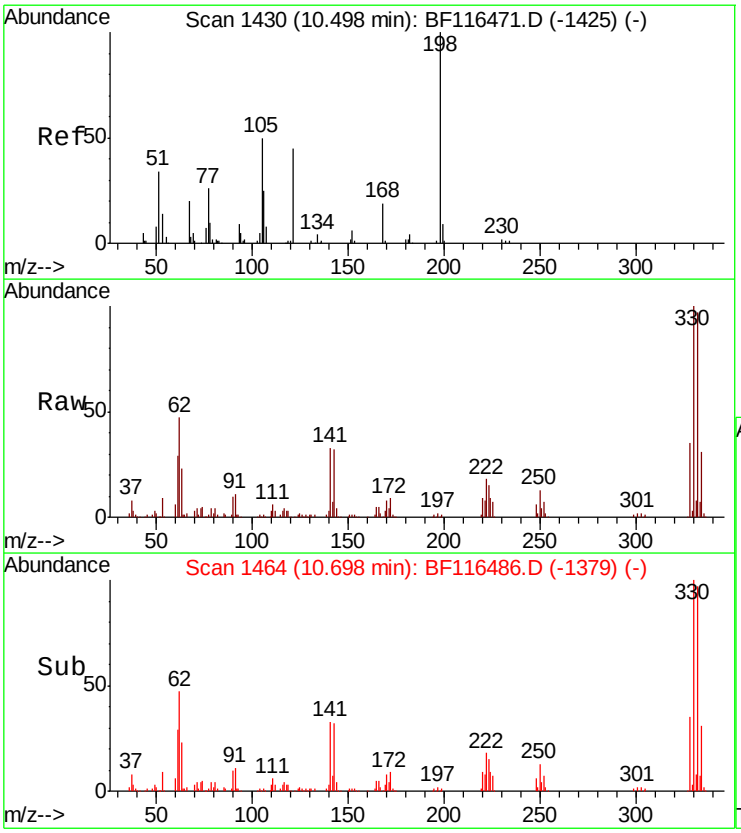
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:188 Resp: 389237

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.4	11.2
80	11.6	8.6	12.8

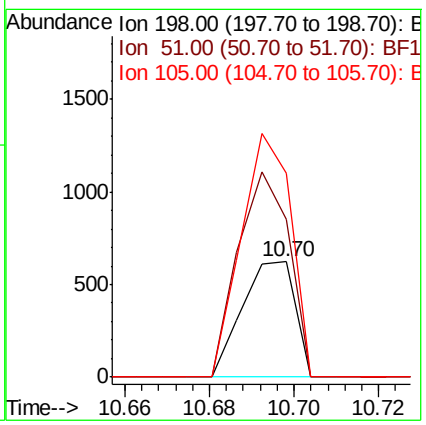


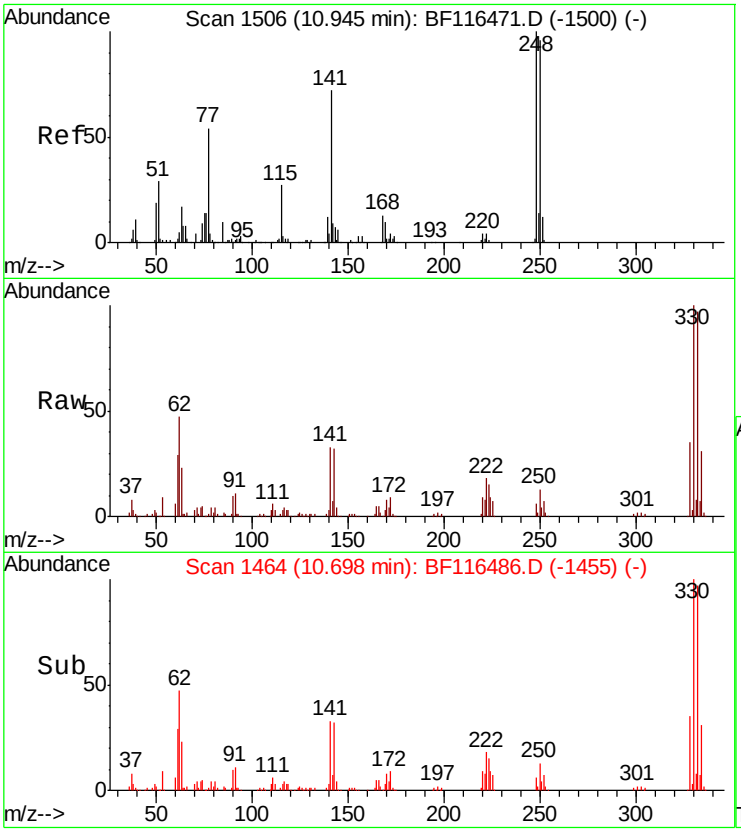


#65
4,6-Dinitro-2-methylphenol
Concen: 7.296 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:198 Resp: 543

Ion	Ratio	Lower	Upper
198	100		
51	137.5	30.4	70.4#
105	177.5	32.8	72.8#



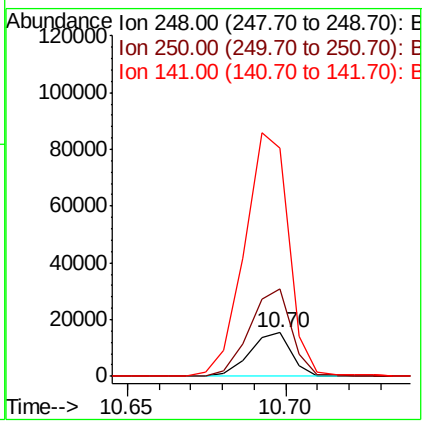


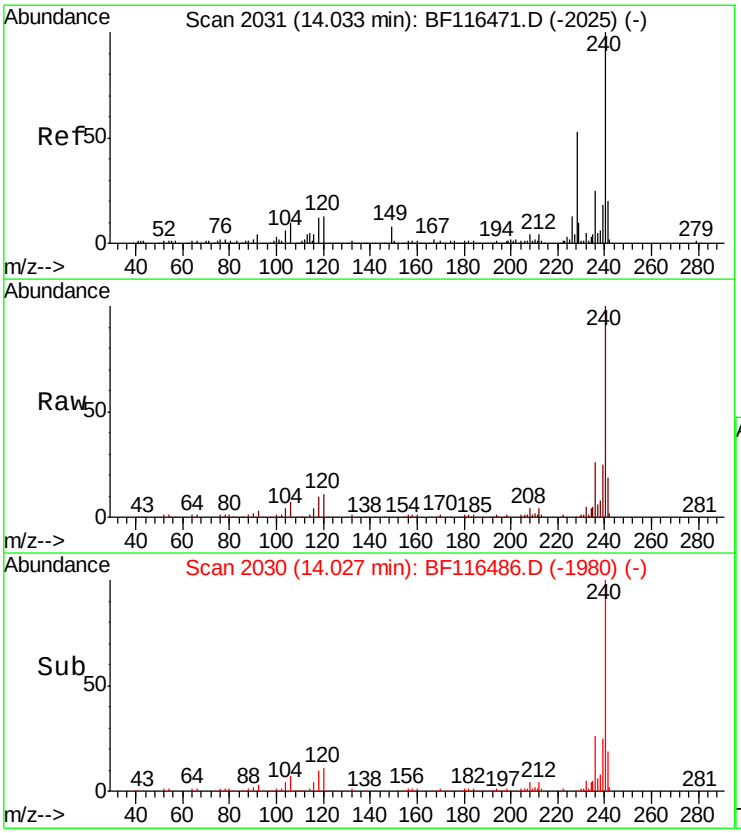
#67
4-Bromophenyl-phenylether
Concen: 3.454 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:248 Resp: 14095

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.0	115.6#
141	523.7	57.4	86.0#

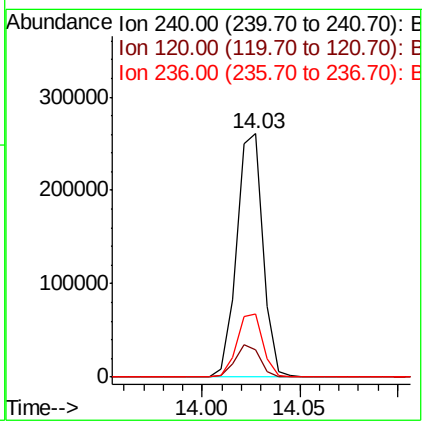


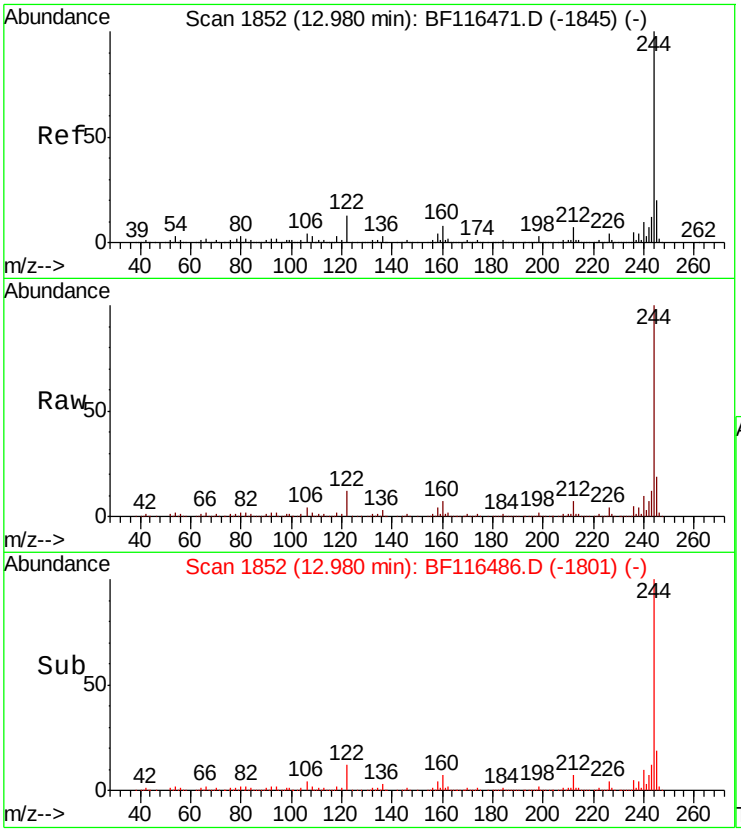


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:240 Resp: 242492

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.5	15.7
236	26.0	20.2	30.2



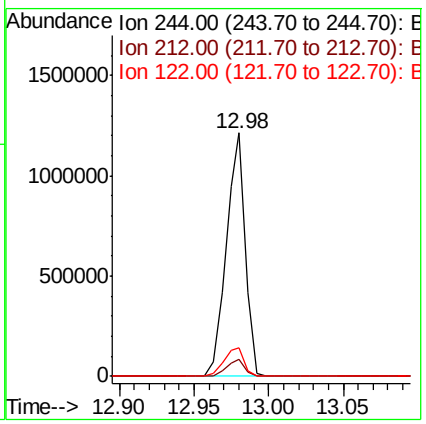


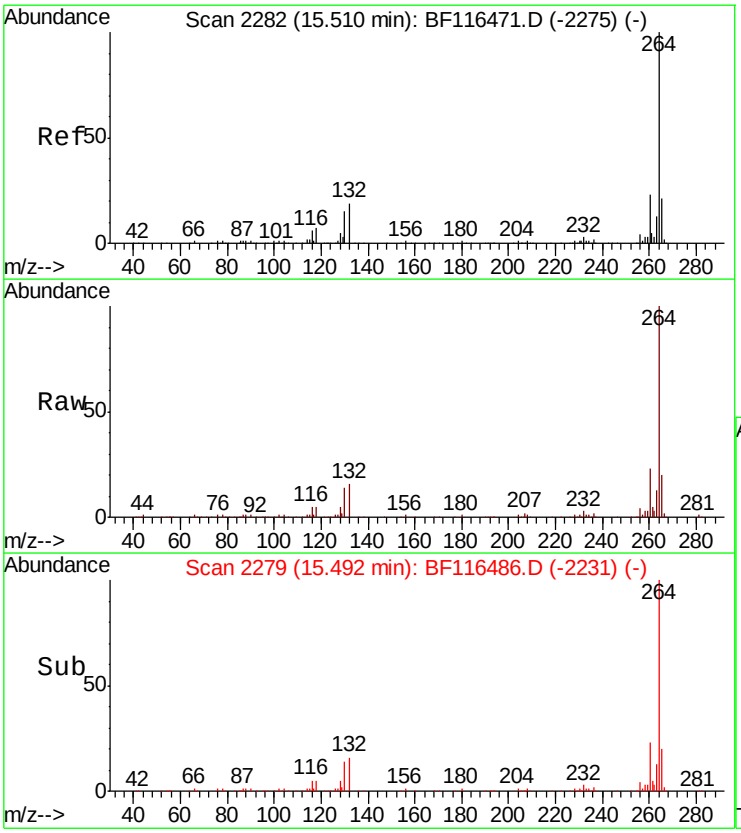
#79
Terphenyl-d14
Concen: 84.082 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Tgt Ion:244 Resp: 1091557

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.0	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:264 Resp: 236055

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	20.5	17.1	25.7