Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
Data File : BF116570.D
Acq On : 26 Aug 2019 13:12
Operator : HP/JU
Sample : PB122482BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122482BL

Quant Time: Aug 27 04:11:19 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	143467	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	569027	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	302998	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	535605	20.00	ng	0.00
76) Chrysene-d12	14.03	240	401112	20.00	ng	0.00
87) Perylene-d12	15.50	264	363902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1041683	106.09	ng	0.02
7) Phenol-d6	6.52	99	1364245	113.32	ng	0.01
23) Nitrobenzene-d5	7.44	82	896458	86.19	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	362077	139.17	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1618520	86.02	ng	0.00
79) Terphenyl-d14	12.99	244	1795488	83.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	122434	14.903	ng	# 79
25) Isophorone	7.44	82	892831	43.560	ng	# 67
51) 2,6-Dinitrotoluene	9.92	165	38377	8.869	ng	# 25
57) 2,4-Dinitrotoluene	9.92	165	38377	6.970	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	746	7.295	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	23771	4.233	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
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Acq On : 26 Aug 2019 13:12
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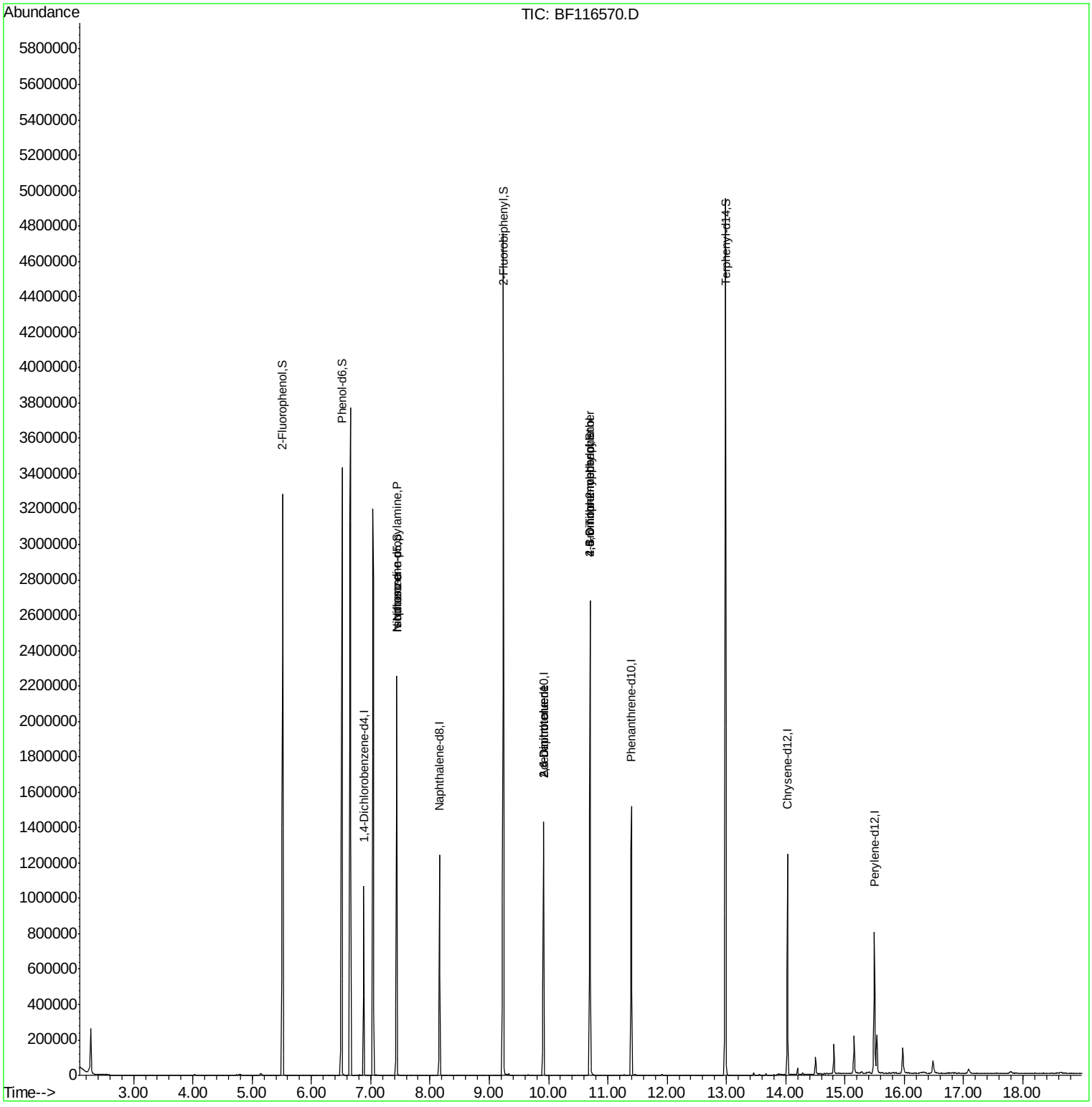
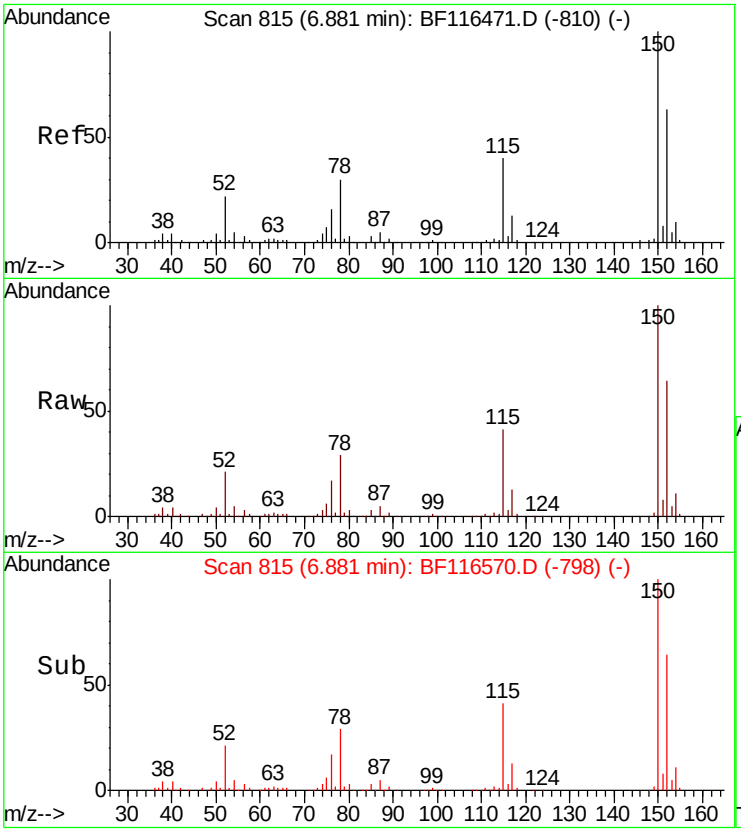
Quant Time: Aug 27 04:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



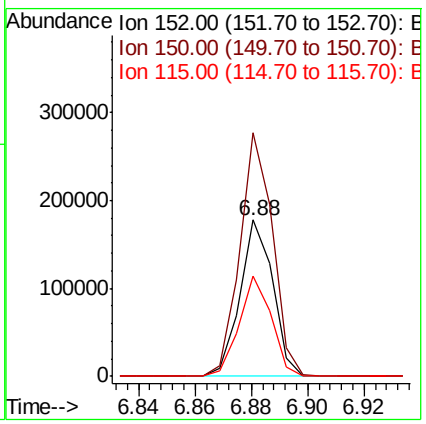


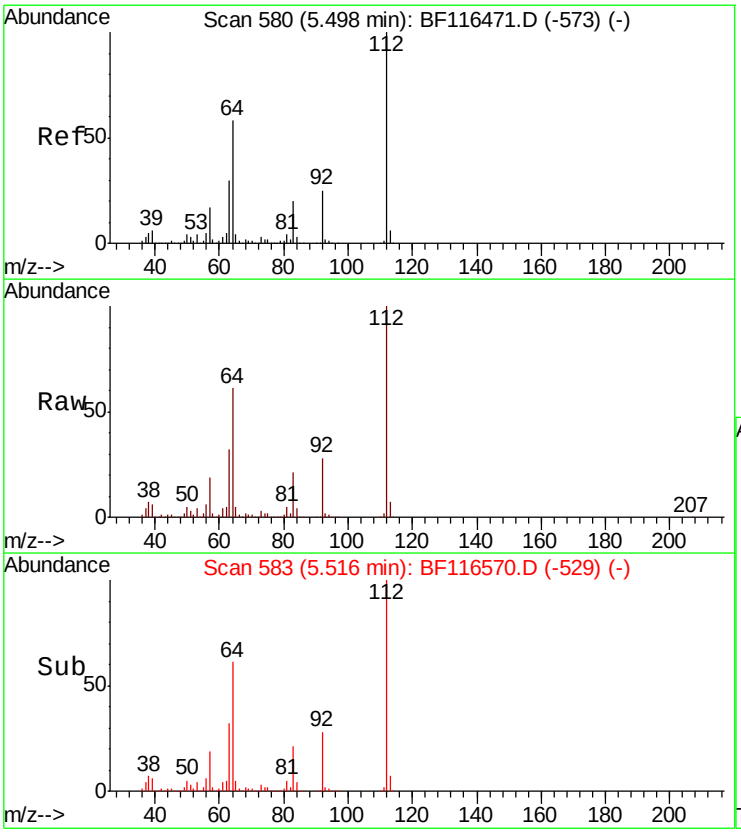
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:152 Resp: 143467

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.7	190.1
115	64.1	50.9	76.3

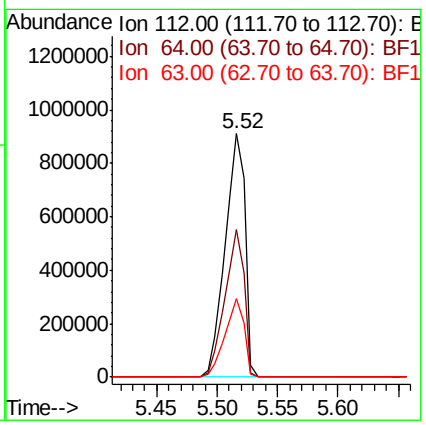


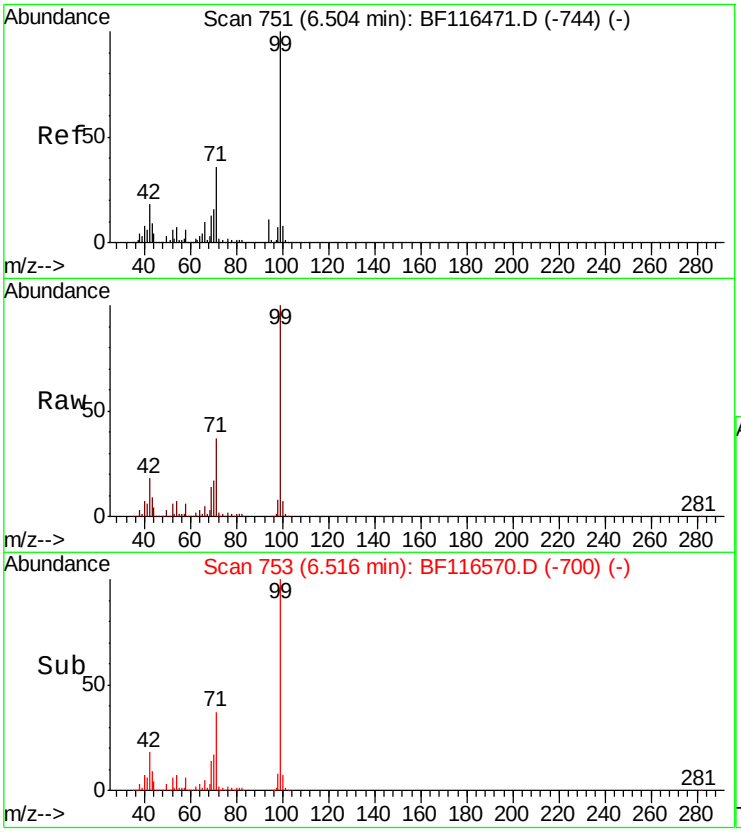


#5
2-Fluorophenol
Concen: 106.091 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:112 Resp: 1041683

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.3	69.5
63	32.3	24.2	36.4



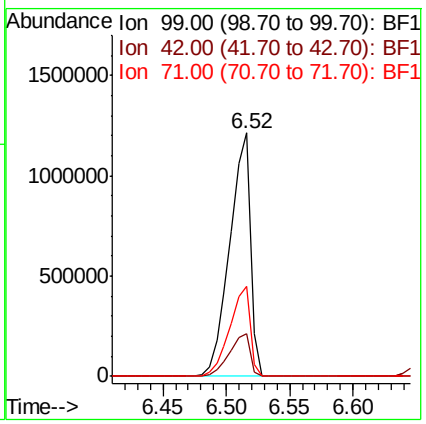


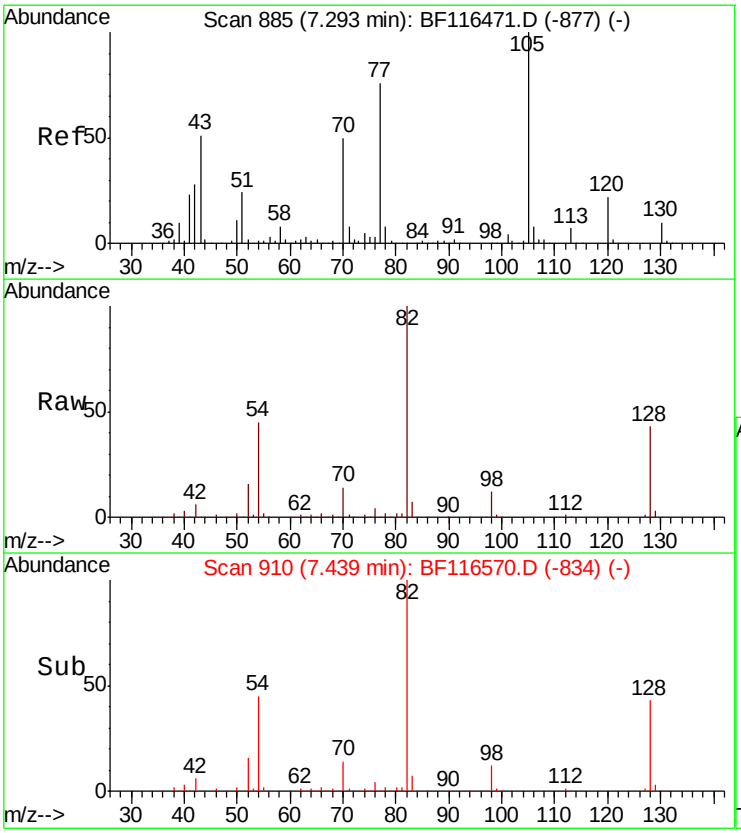
#7
Phenol-d6
Concen: 113.316 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion: 99 Resp: 1364245

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	37.1	28.5	42.7

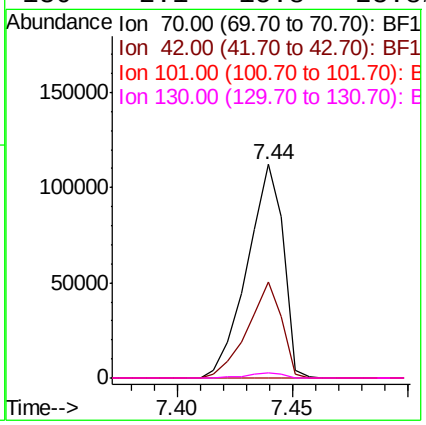


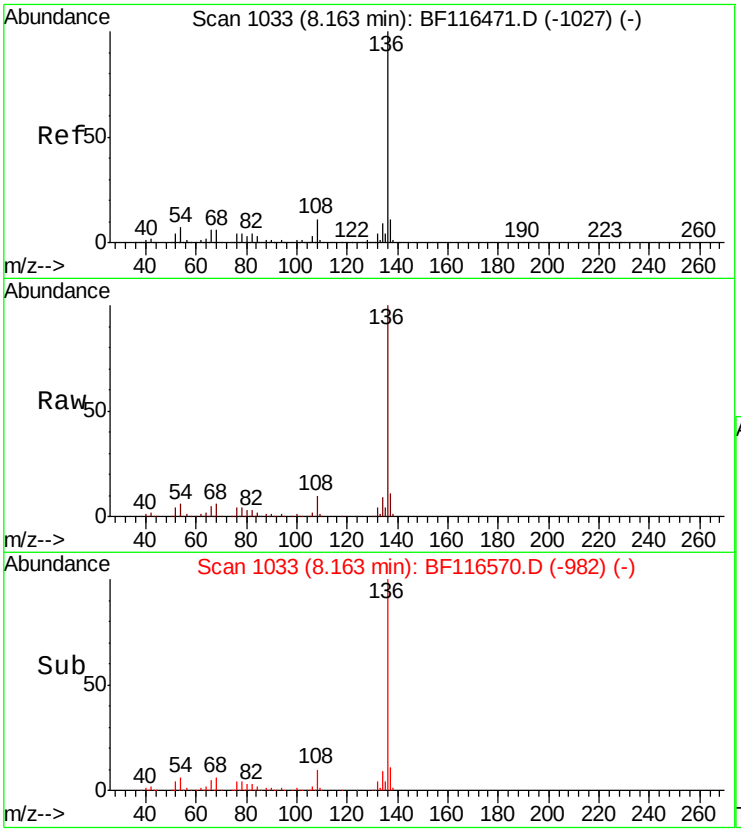


#19
n-Nitroso-di-n-propylamine
Concen: 14.903 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion: 70 Resp: 122434

Ion	Ratio	Lower	Upper
70	100		
42	44.7	44.4	66.6
101	0.0	7.1	10.7#
130	2.1	15.8	23.8#



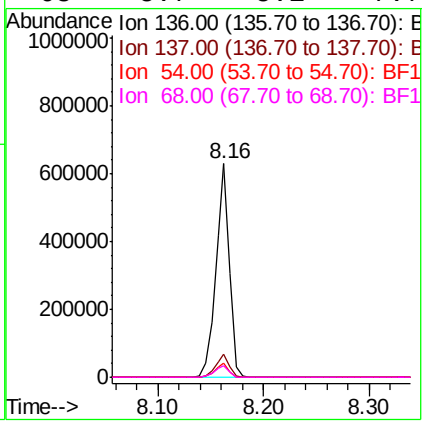


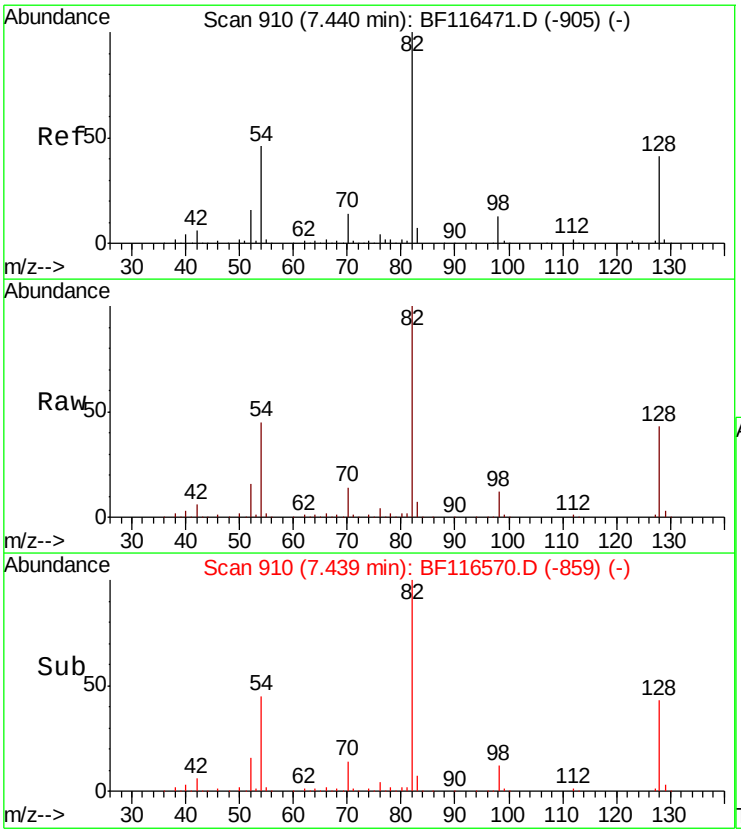
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:136 Resp: 569027

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.8	8.6
68	5.7	5.1	7.7

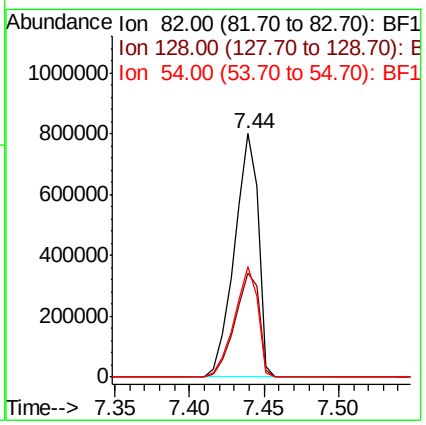


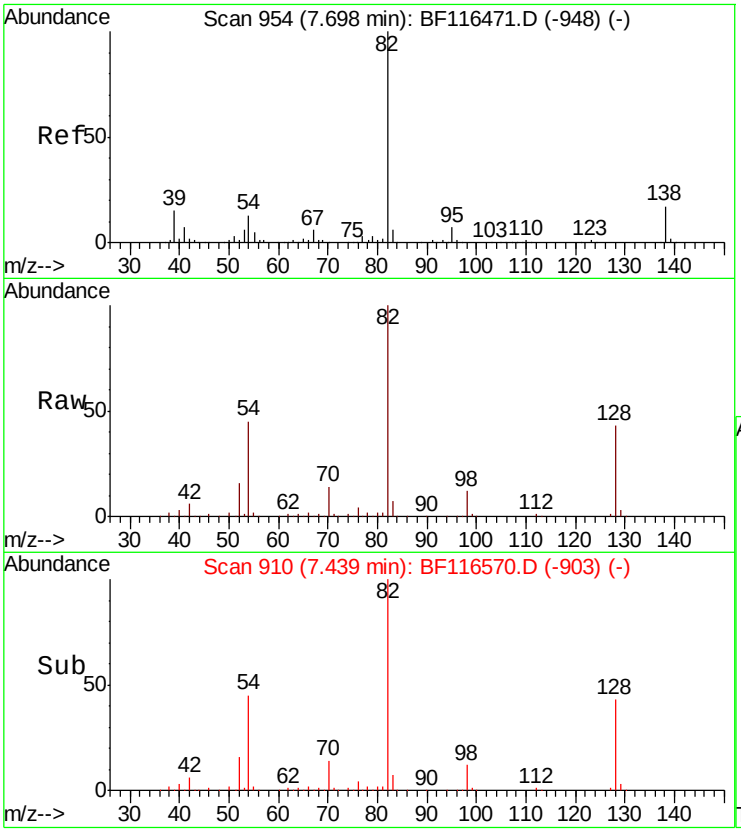


#23
Nitrobenzene-d5
Concen: 86.191 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion: 82 Resp: 896458

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	45.3	36.5	54.7



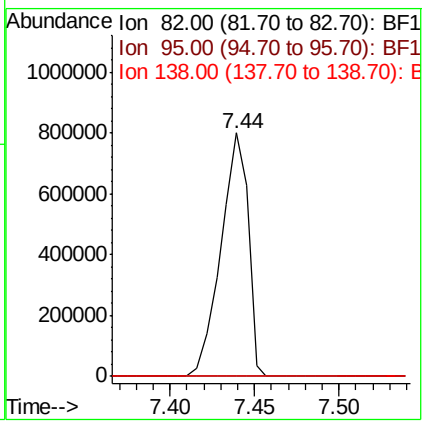


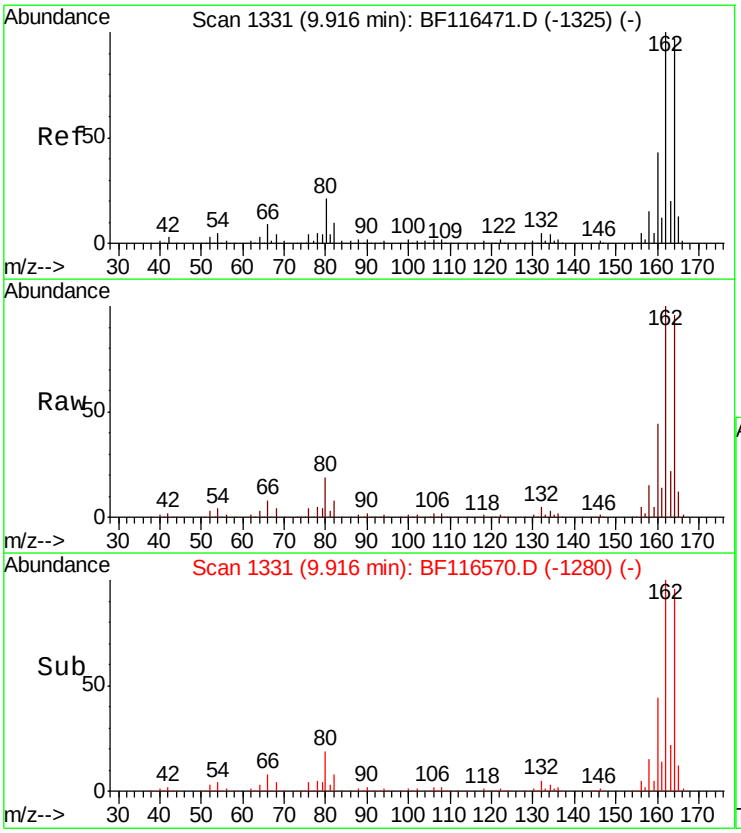
#25
Isophorone
Concen: 43.560 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion: 82 Resp: 892831

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

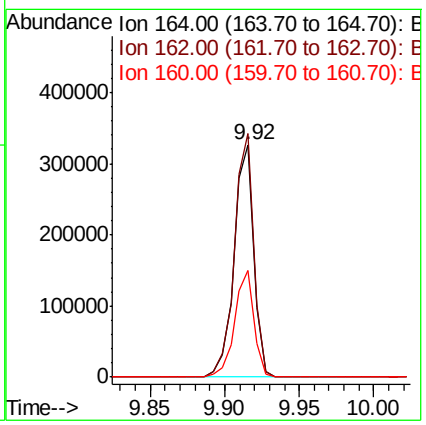


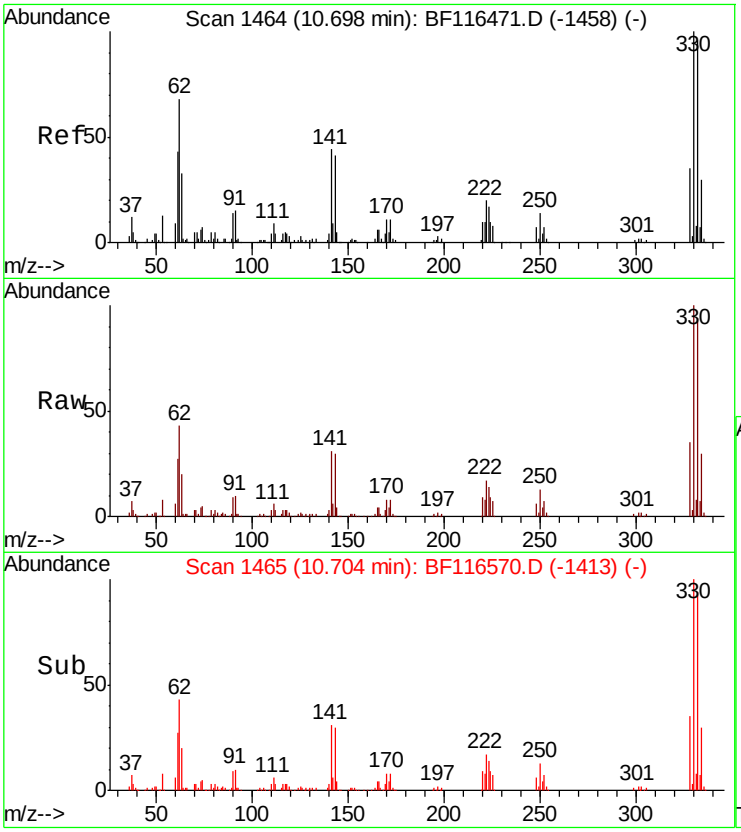


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:164 Resp: 302998

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.8	35.8	53.8



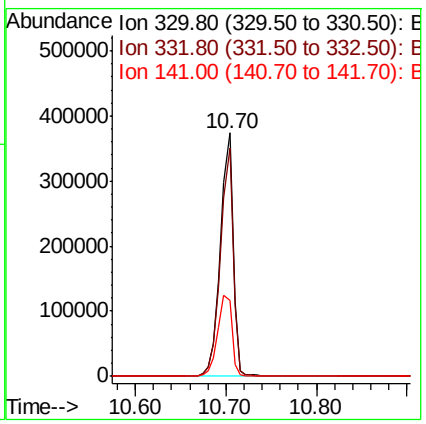


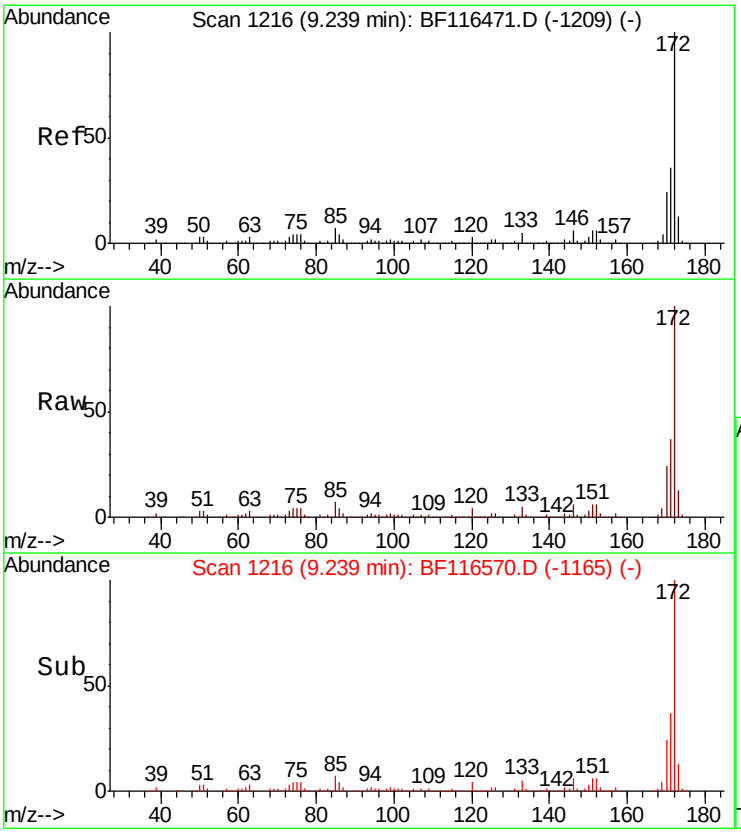
#42
2,4,6-Tribromophenol
Concen: 139.166 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:330 Resp: 362077

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.2	115.8
141	37.4	33.3	49.9

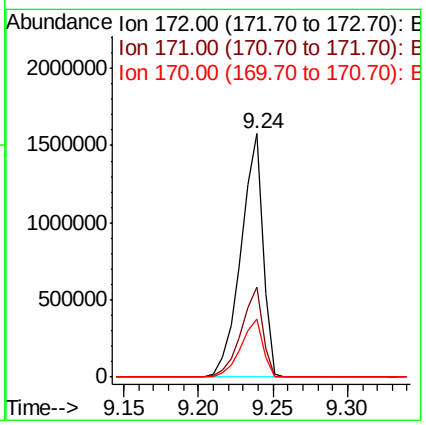


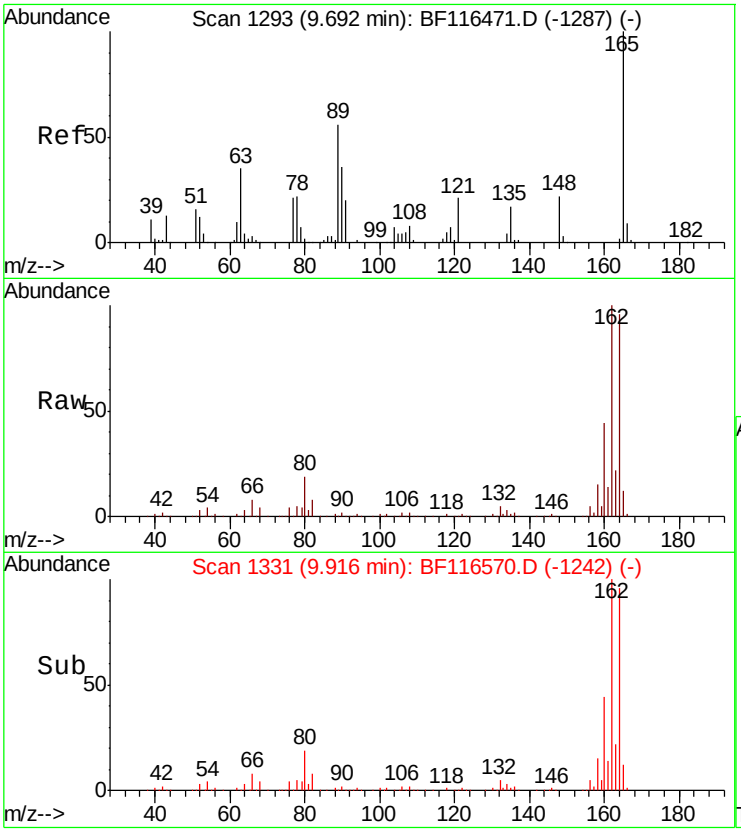


#45
2-Fluorobiphenyl
Concen: 86.023 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:172 Resp: 1618520

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.1	19.4	29.0



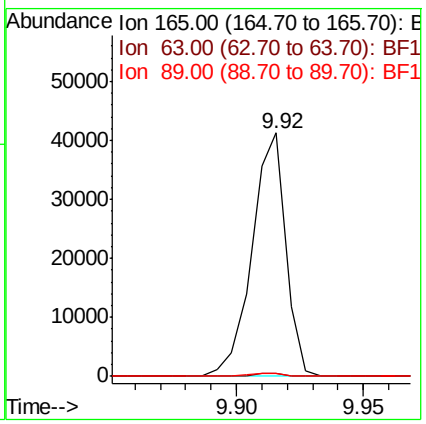


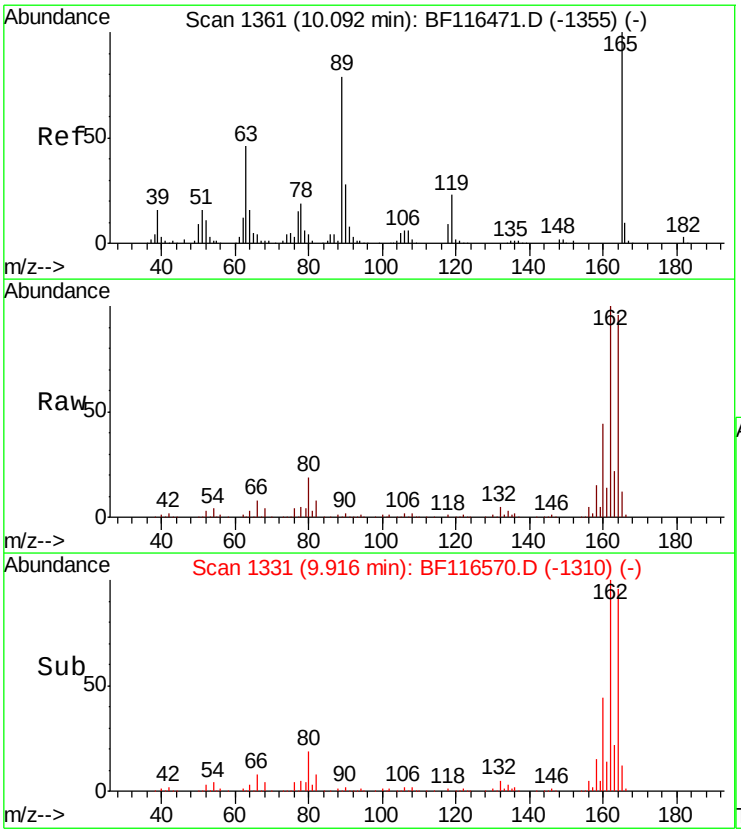
#51
2,6-Dinitrotoluene
Concen: 8.869 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:165 Resp: 38377

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.7	65.5#
89	1.5	45.1	67.7#

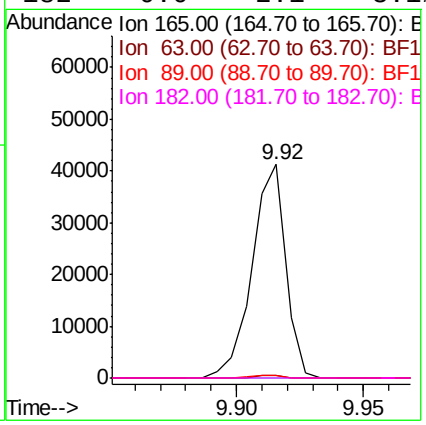


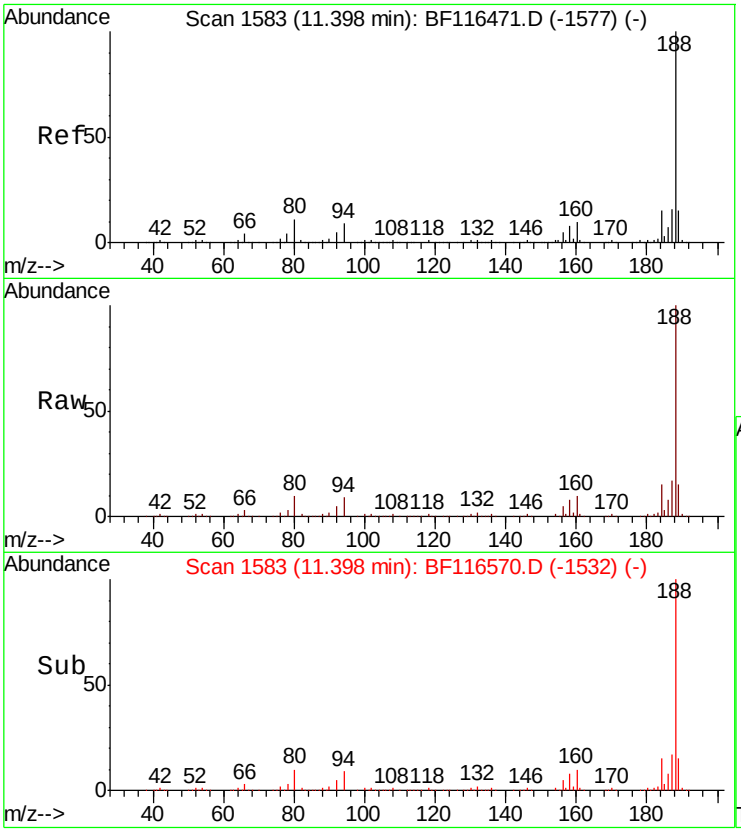


#57
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:165 Resp: 38377

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.9	55.3#
89	1.5	63.4	95.0#
182	0.0	2.1	3.1#



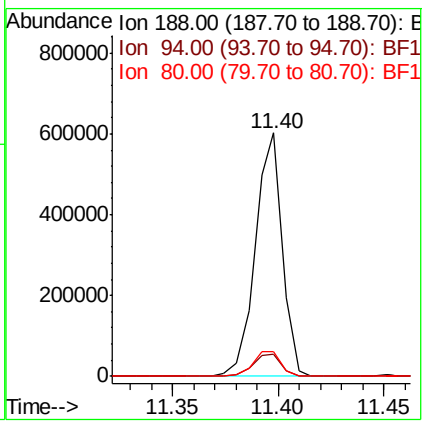


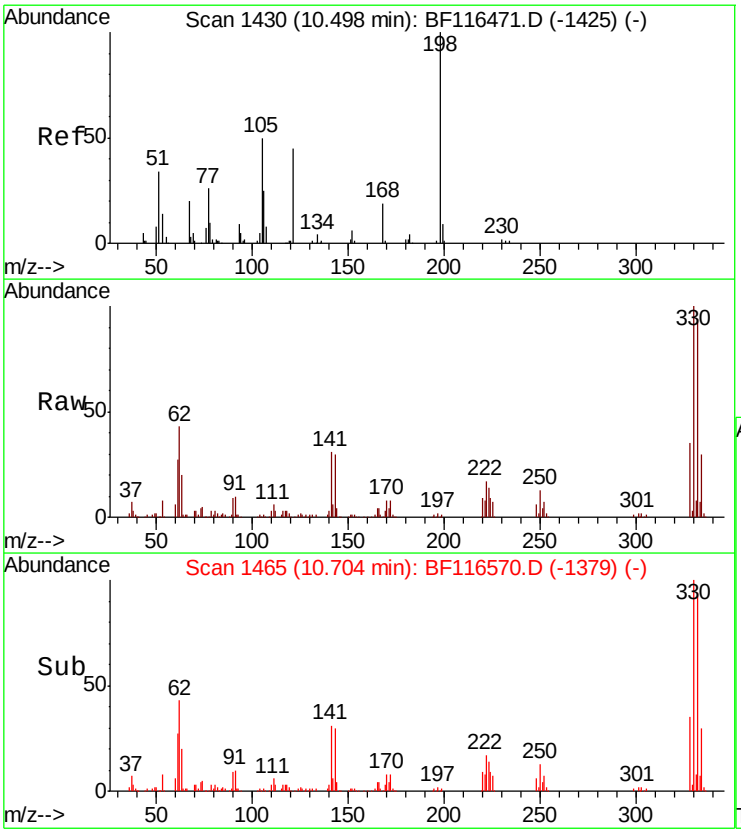
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:188 Resp: 535605

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.0	8.6	12.8

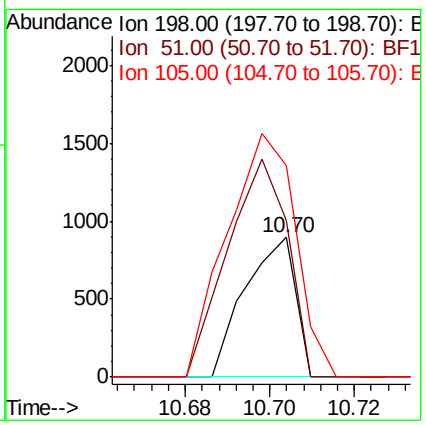


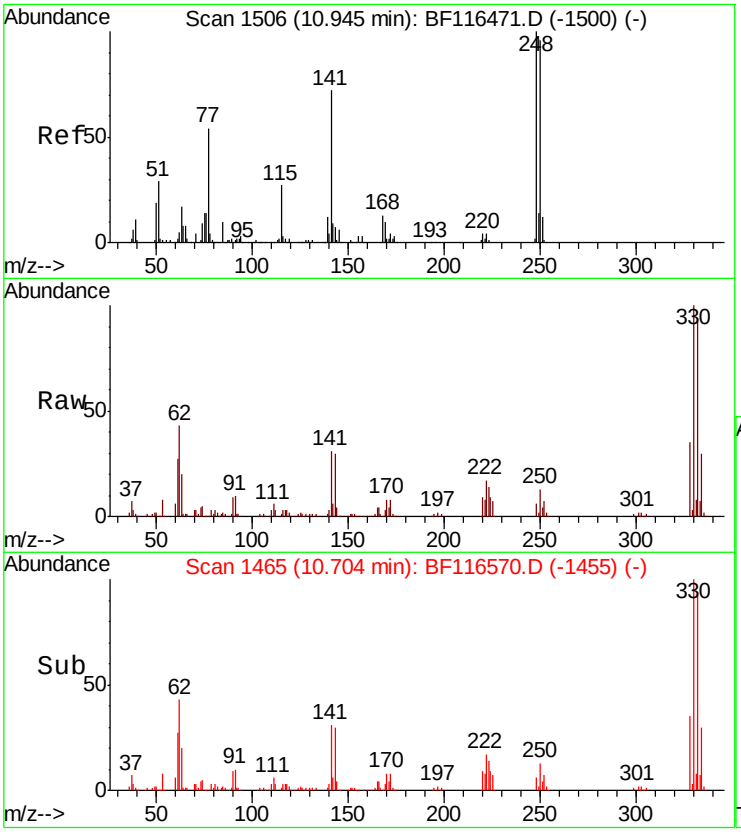


#65
4,6-Dinitro-2-methylphenol
Concen: 7.295 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.21 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:198 Resp: 746

Ion	Ratio	Lower	Upper
198	100		
51	111.8	30.4	70.4#
105	152.0	32.8	72.8#



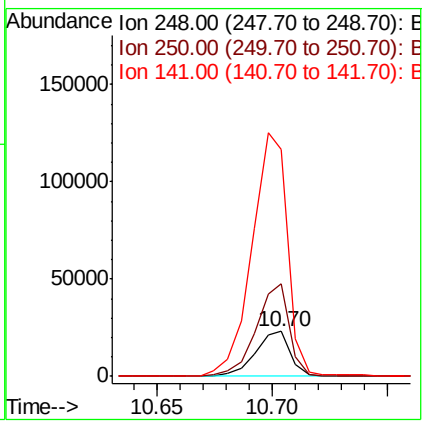


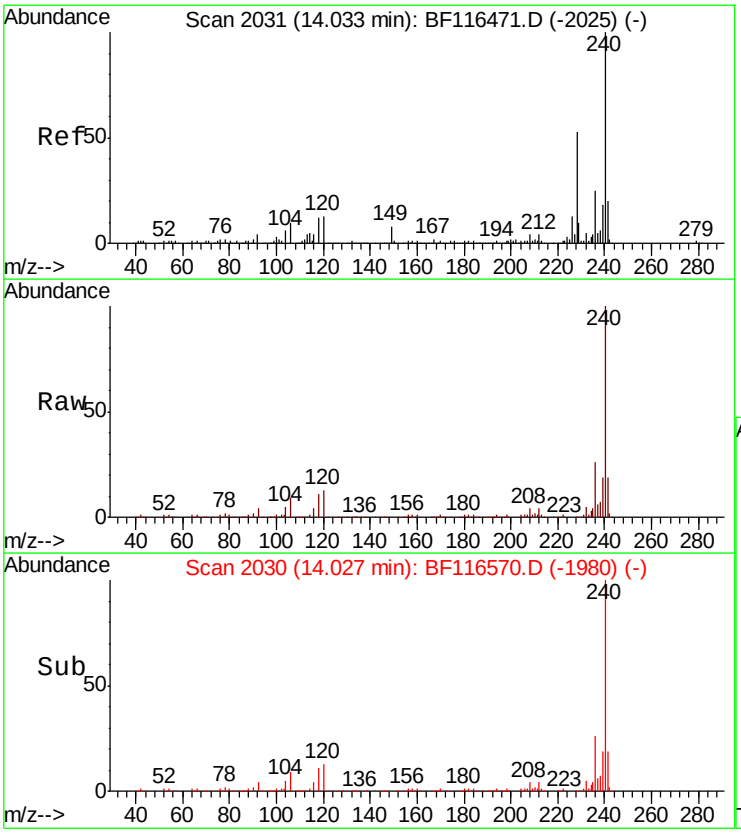
#67
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:248 Resp: 23771

Ion	Ratio	Lower	Upper
248	100		
250	207.1	77.0	115.6#
141	507.4	57.4	86.0#

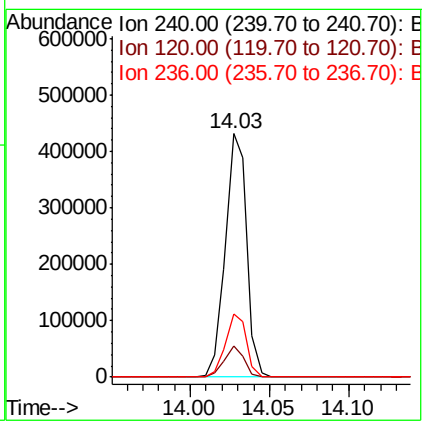


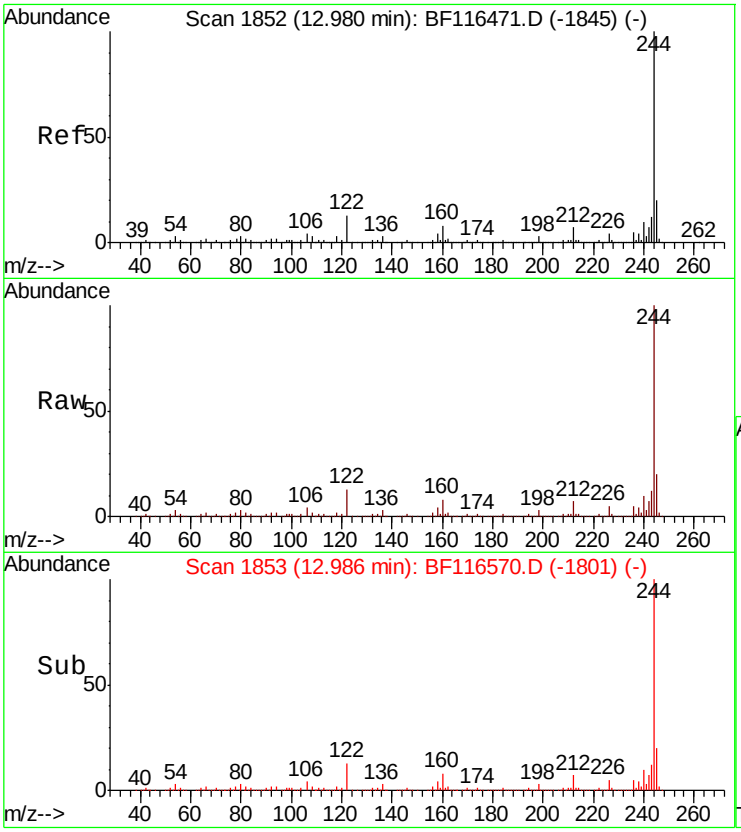


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:240 Resp: 401112

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.5	15.7
236	25.7	20.2	30.2



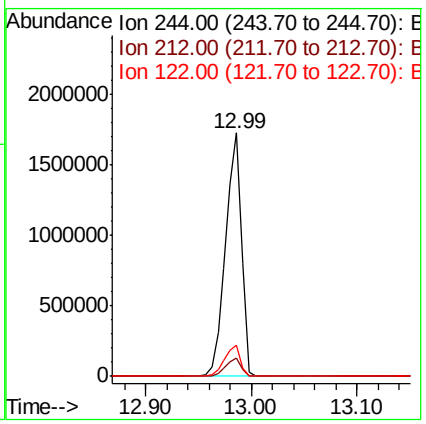


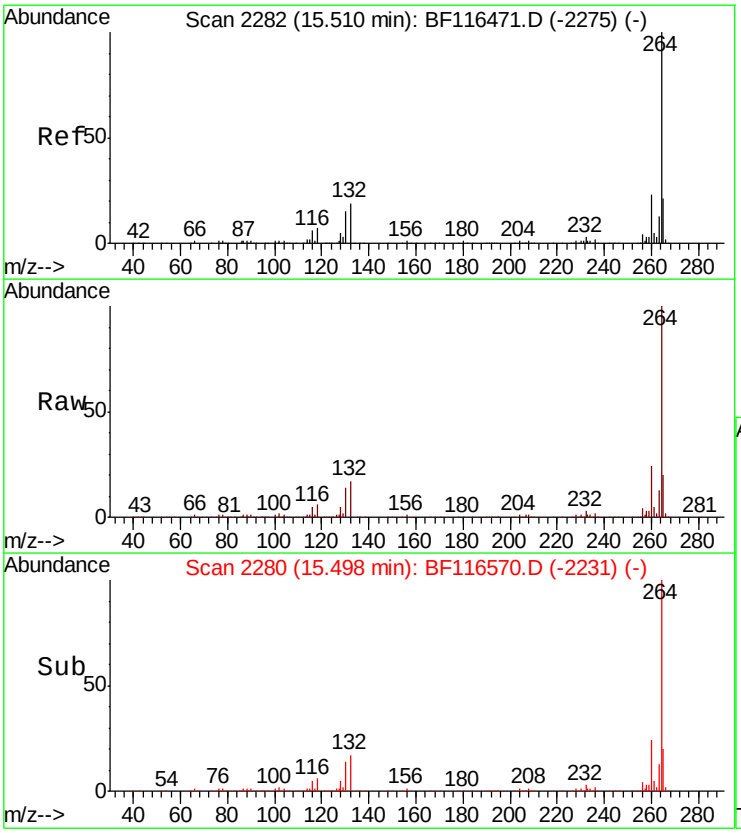
#79
Terphenyl-d14
Concen: 83.612 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:244 Resp: 1795488

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.6	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:264 Resp: 363902

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	20.4	17.1	25.7