Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116615.D
Acq On : 28 Aug 2019 15:23
Operator : HP/JU
Sample : K4521-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 01:02:28 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	94849	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	355806	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	176569	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	270203	20.00	ng		0.00
76) Chrysene-d12	14.00	240	173669	20.00	ng		0.00
87) Perylene-d12	15.47	264	224213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	490566	89.33	ng		0.00
7) Phenol-d6	6.49	99	922319	123.89	ng		0.00
23) Nitrobenzene-d5	7.42	82	575702	92.58	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	169412	100.83	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	985466	92.88	ng		0.00
79) Terphenyl-d14	12.96	244	850483	79.64	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.33	42	758	4.225	ng	#	1
9) Benzaldehyde	6.49	77	1872	Below Cal		#	1
10) Phenol	6.50	94	37064	4.539	ng		97
19) n-Nitroso-di-n-propylamine	7.42	70	77420	16.352	ng	#	78
25) Isophorone	7.42	82	573383	50.653	ng	#	65
50) Dimethylphthalate	9.60	163	81077	6.830	ng		99
57) 2,4-Dinitrotoluene	9.90	165	22327	6.464	ng	#	27
67) 4-Bromophenyl-phenylether	10.68	248	11173	3.898	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.92	276	5946	4.480	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116615.D
Acq On : 28 Aug 2019 15:23
Operator : HP/JU
Sample : K4521-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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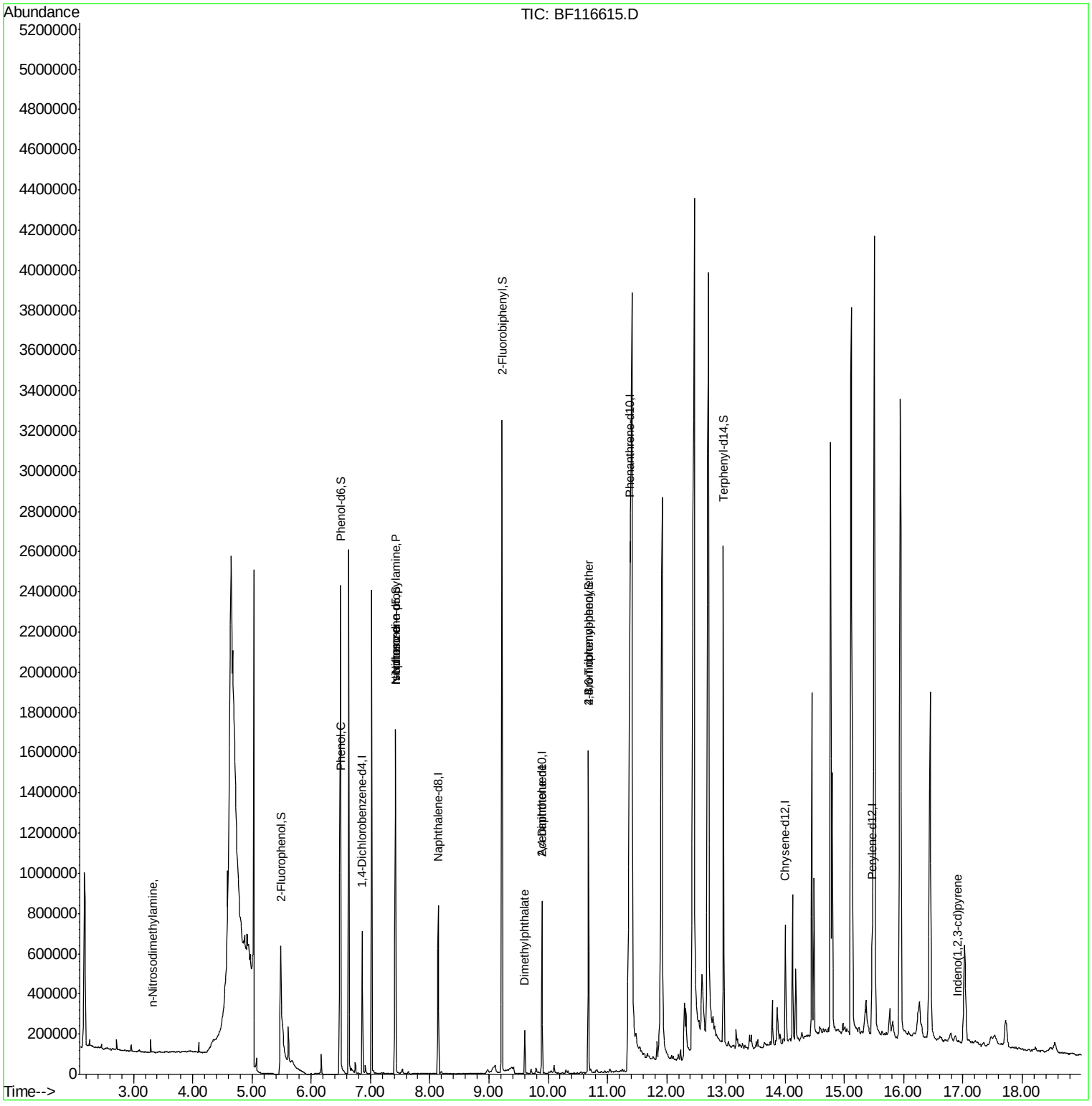
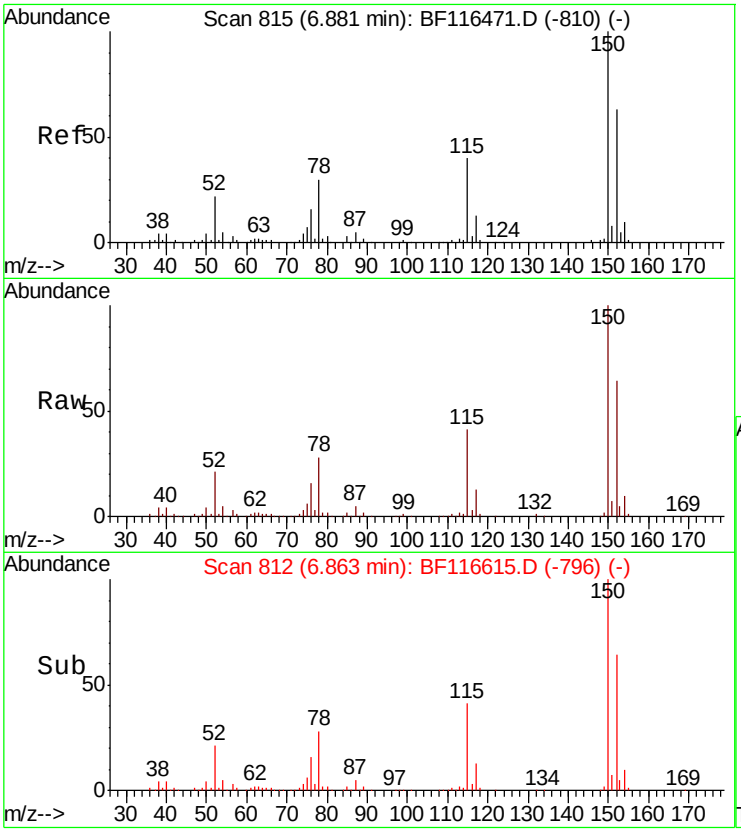


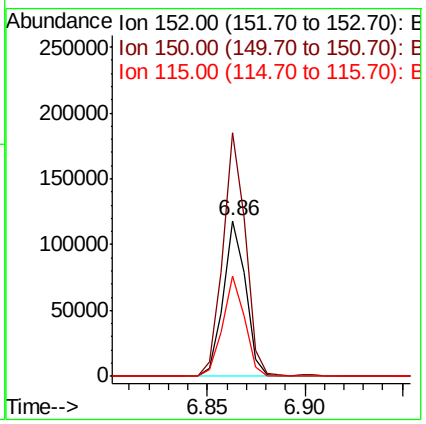


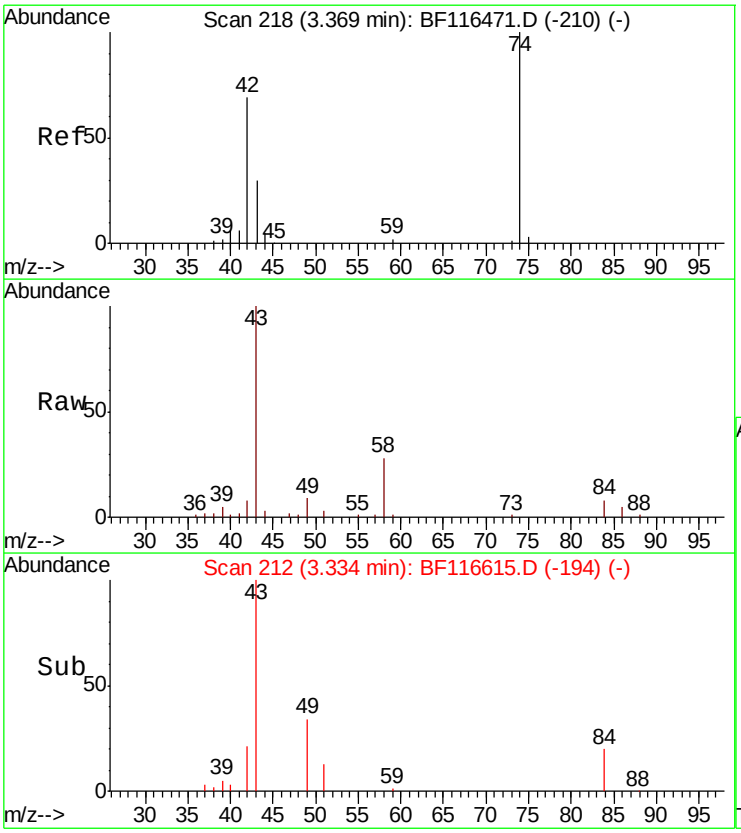
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94849

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.4	185.2
115	64.2	48.2	72.2

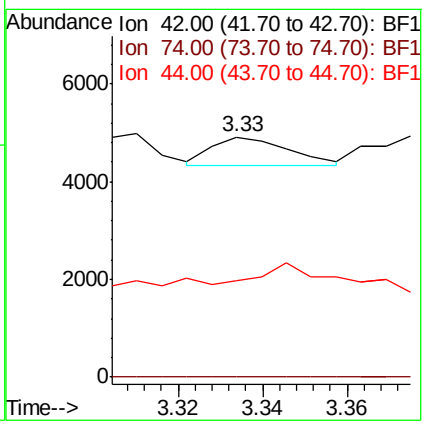


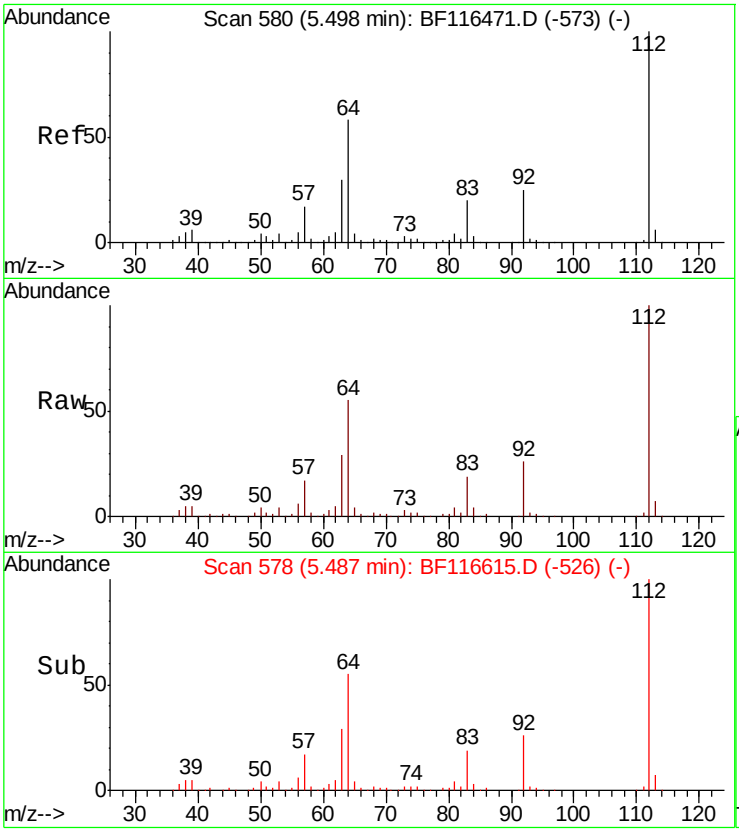


#4
n-Nitrosodimethylamine
Concen: 4.225 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion: 42 Resp: 758

Ion	Ratio	Lower	Upper
42	100		
74	0.0	120.0	180.0#
44	40.2	5.4	8.2#



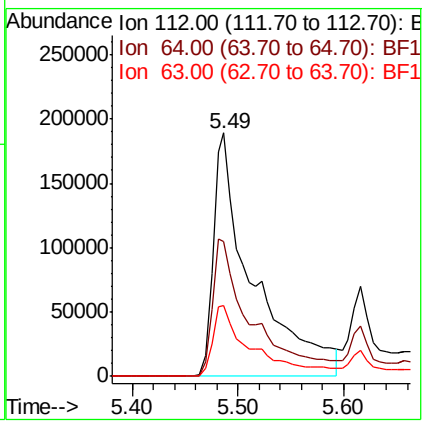


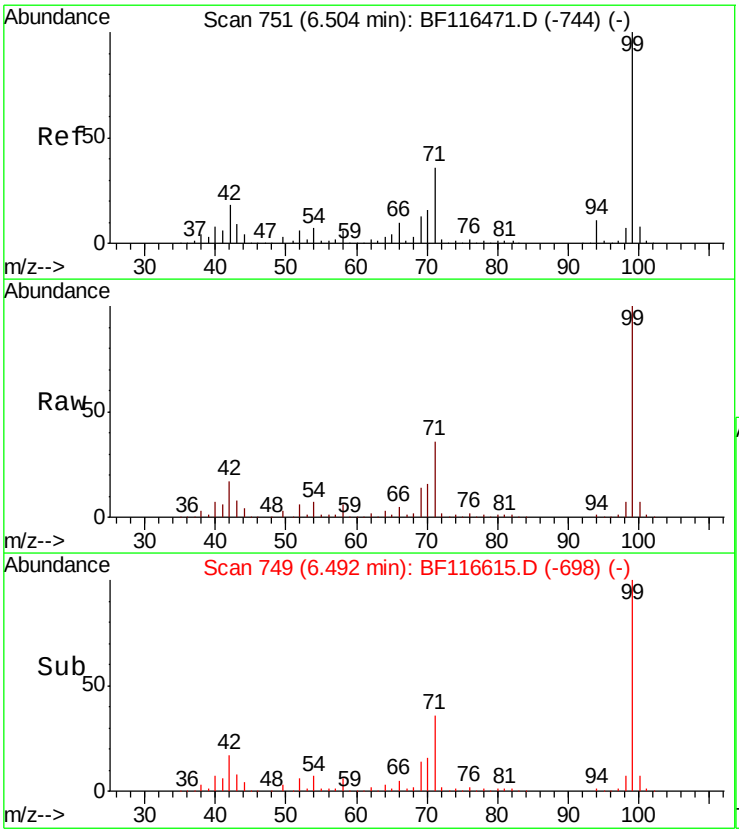
#5
2-Fluorophenol
Concen: 89.333 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 490566

Ion	Ratio	Lower	Upper
112	100		
64	55.2	48.0	72.0
63	29.3	24.6	36.8

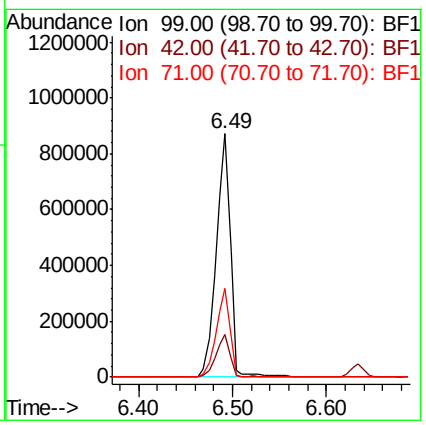


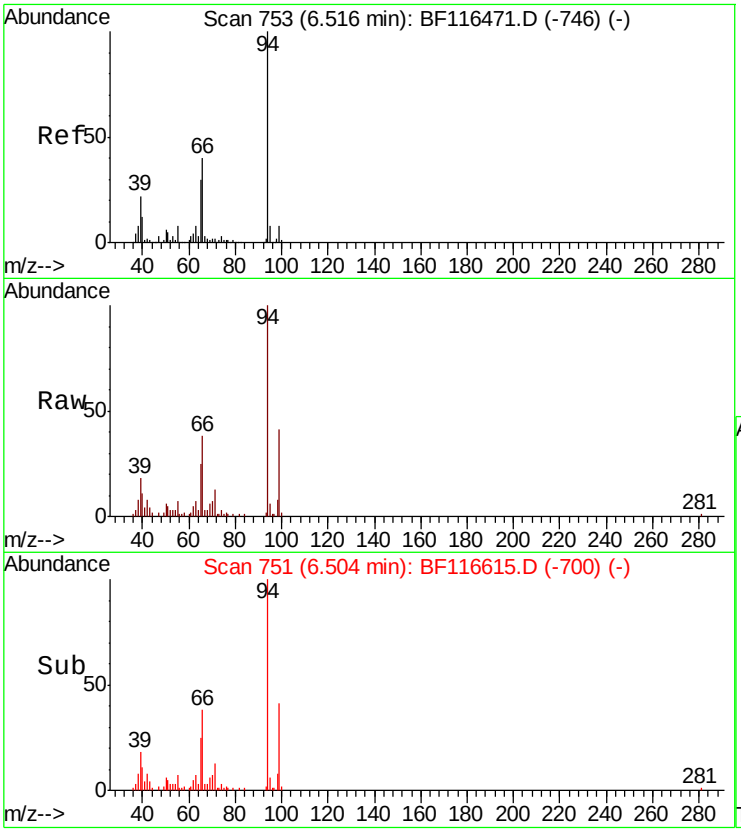


#7
Phenol-d6
Concen: 123.885 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion: 99 Resp: 922319

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.2	19.8
71	36.4	27.4	41.2



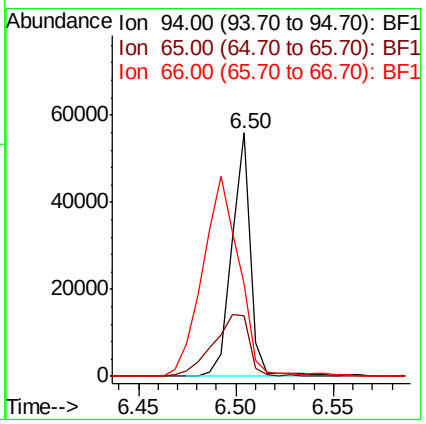


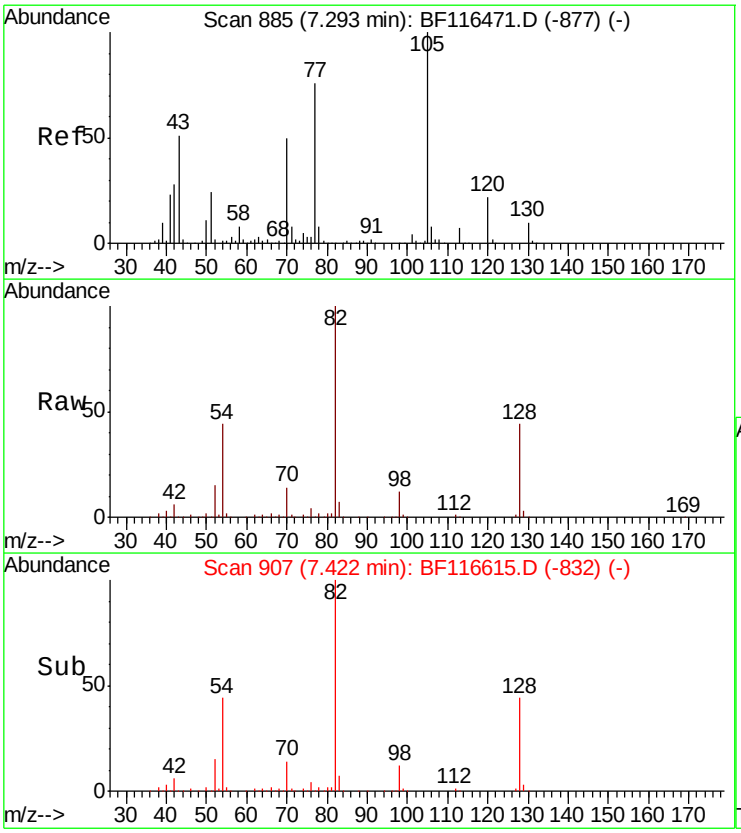
#10
Phenol
Concen: 4.539 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 37064

Ion	Ratio	Lower	Upper
94	100		
65	24.7	8.6	48.6
66	38.1	18.0	58.0

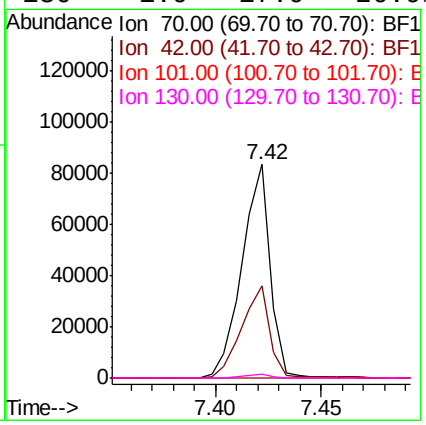


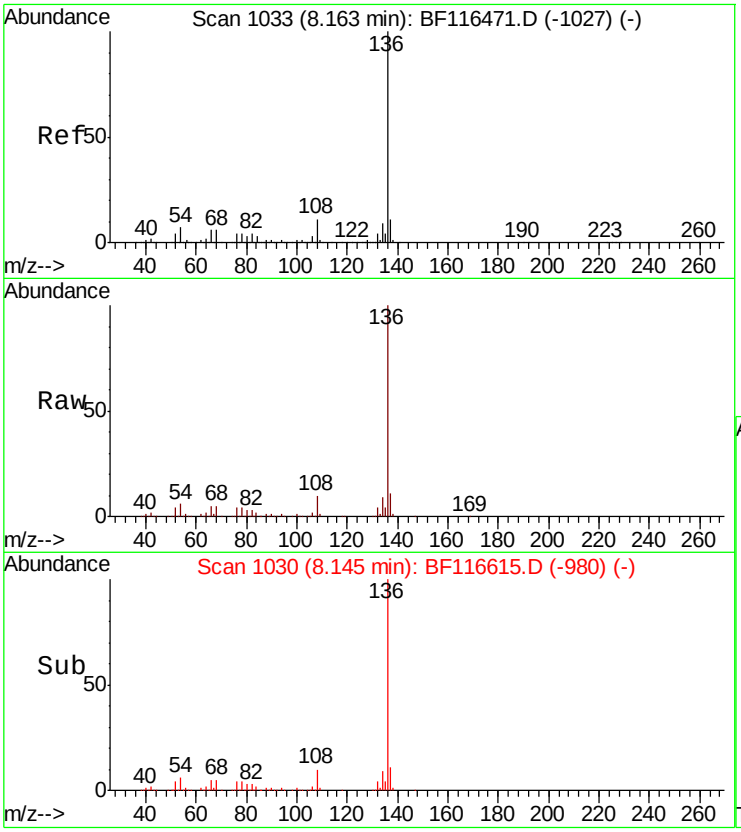


#19
n-Nitroso-di-n-propylamine
Concen: 16.352 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion: 70 Resp: 77420

Ion	Ratio	Lower	Upper
70	100		
42	42.9	41.2	61.8
101	0.0	7.7	11.5#
130	1.9	17.9	26.9#



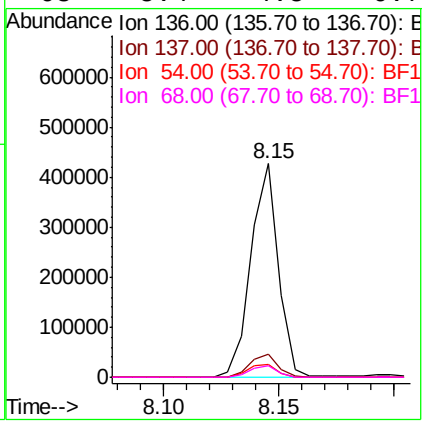


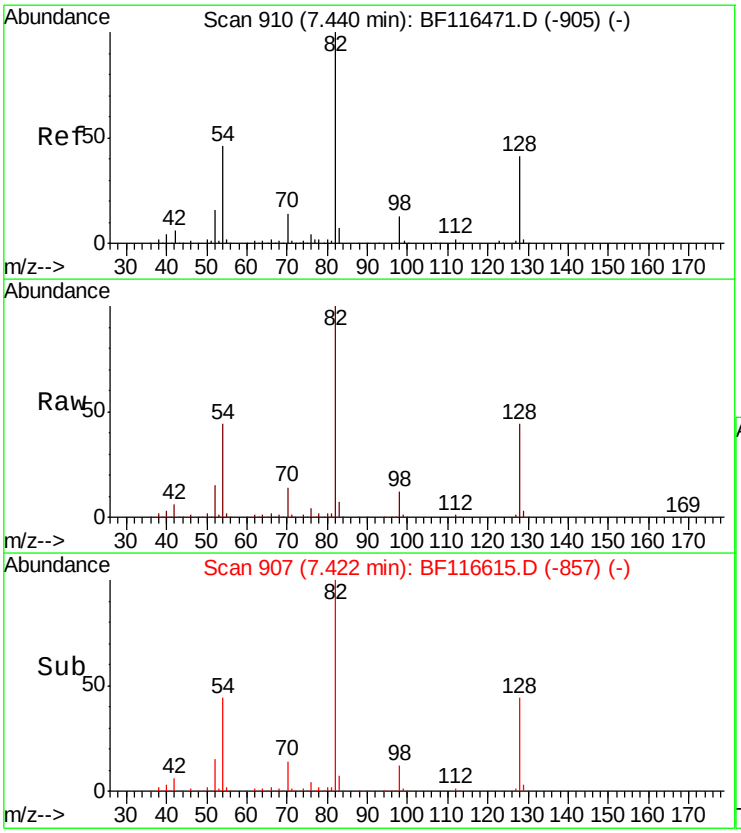
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 355806

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.2	5.0	7.4
68	5.4	4.5	6.7

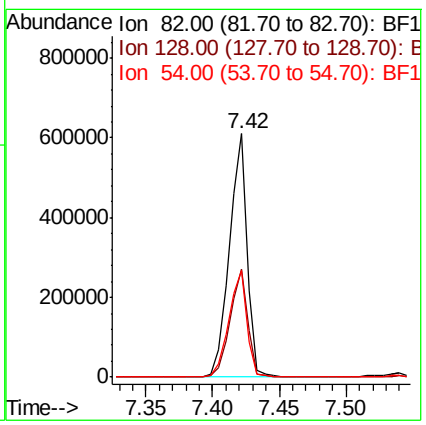


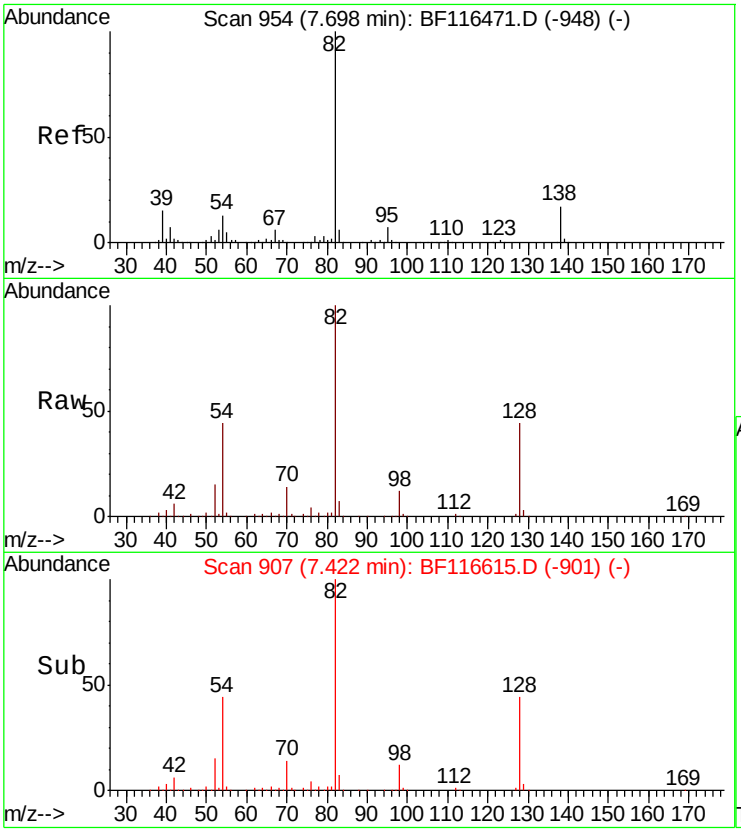


#23
Nitrobenzene-d5
Concen: 92.583 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion: 82 Resp: 575702

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	43.9	34.4	51.6



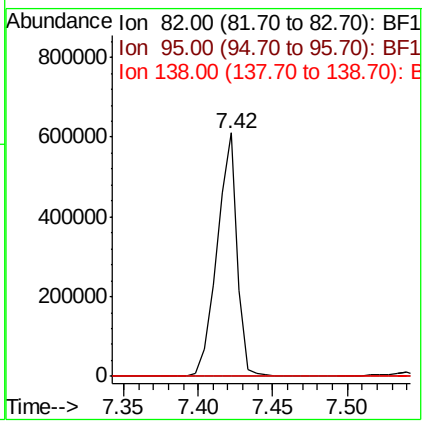


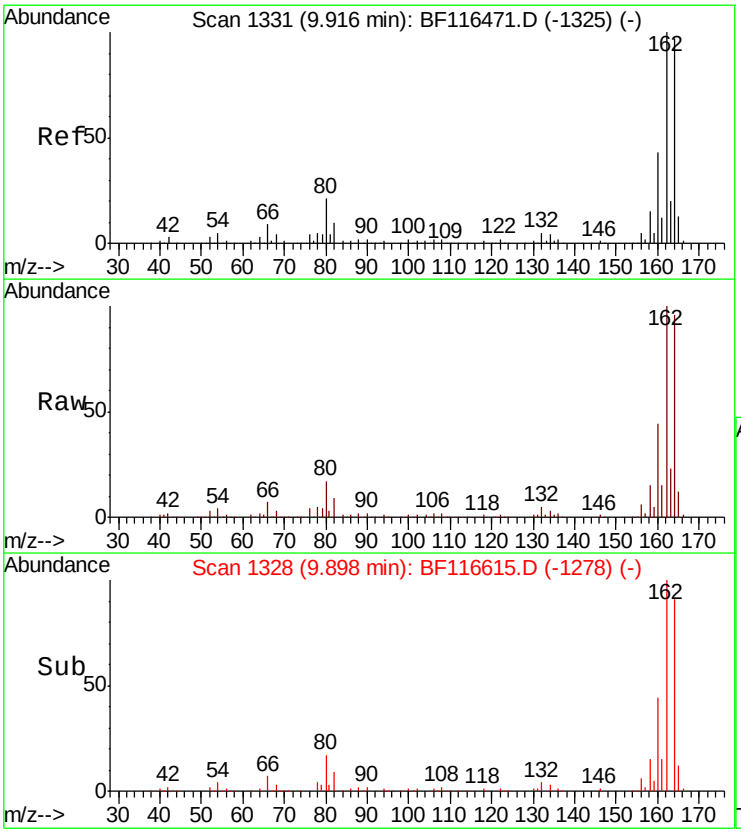
#25
Isophorone
Concen: 50.653 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 573383

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

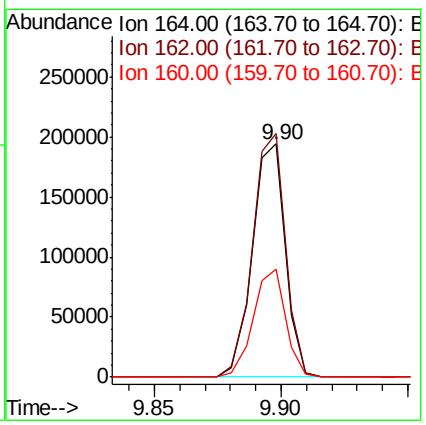


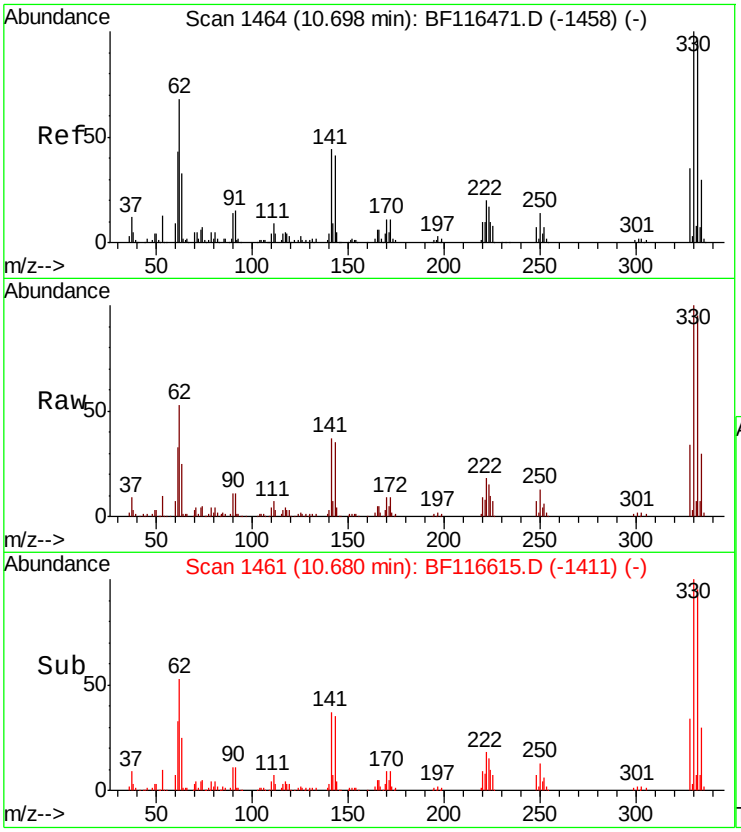


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:164 Resp: 176569

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.4	125.0
160	46.5	37.0	55.4



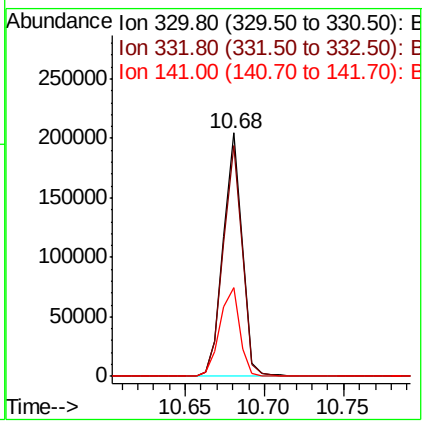


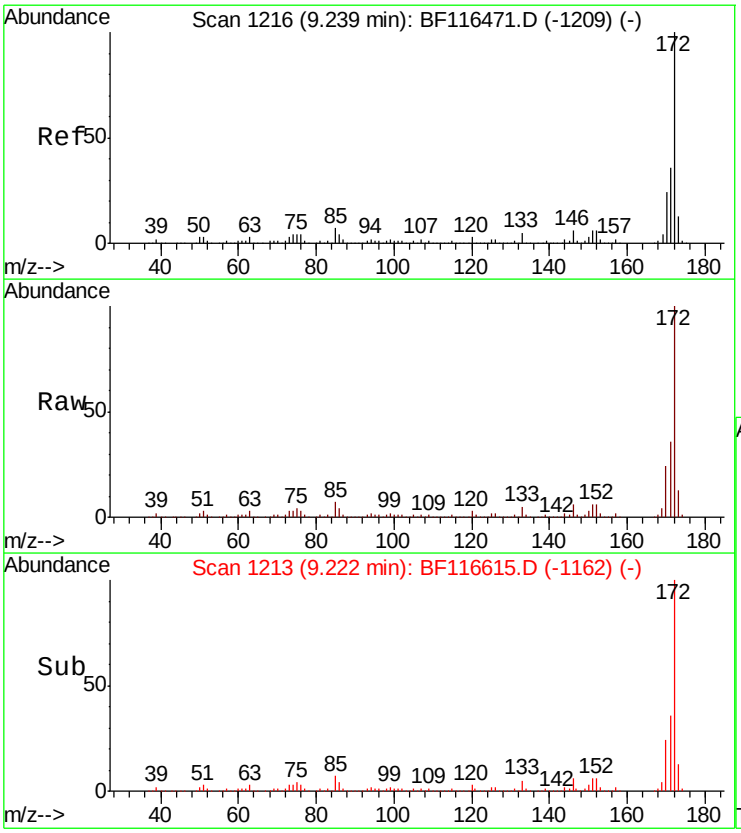
#42
2,4,6-Tribromophenol
Concen: 100.826 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169412

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.5	116.3
141	38.5	28.2	42.2

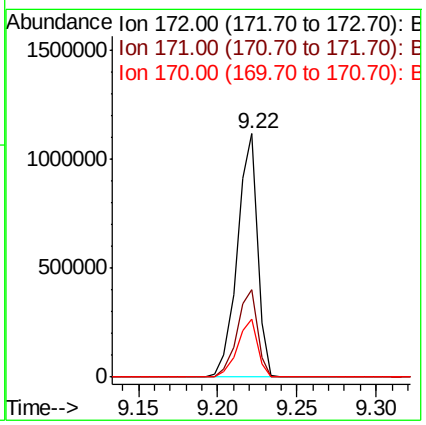


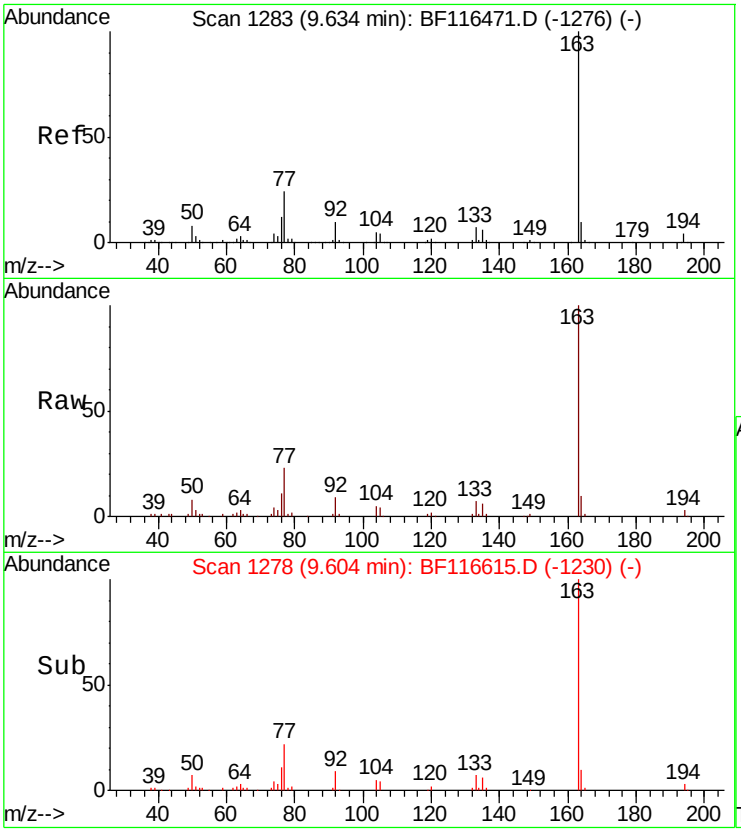


#45
2-Fluorobiphenyl
Concen: 92.882 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:172 Resp: 985466

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.7	19.3	28.9



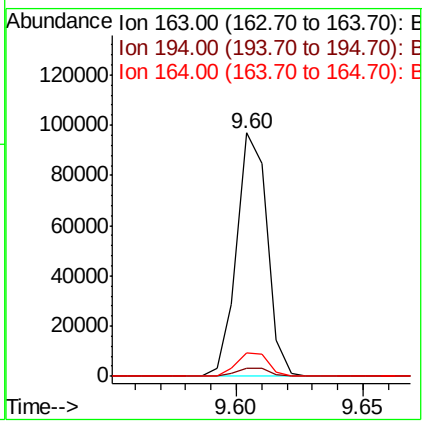


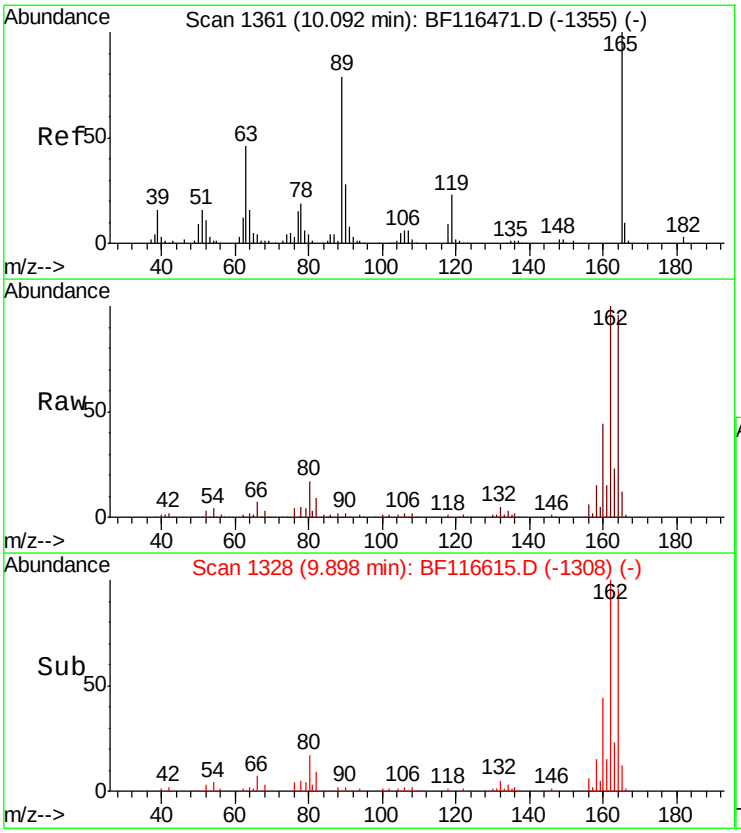
#50
Dimethylphthalate
Concen: 6.830 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 81077

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.7	8.2	12.2

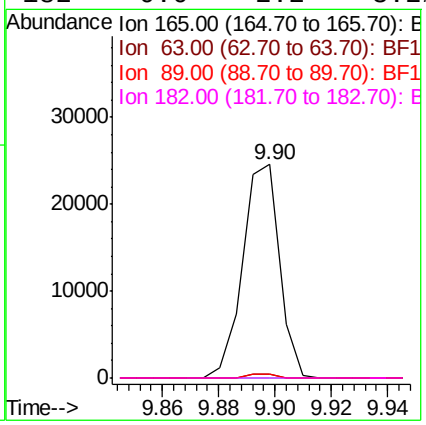


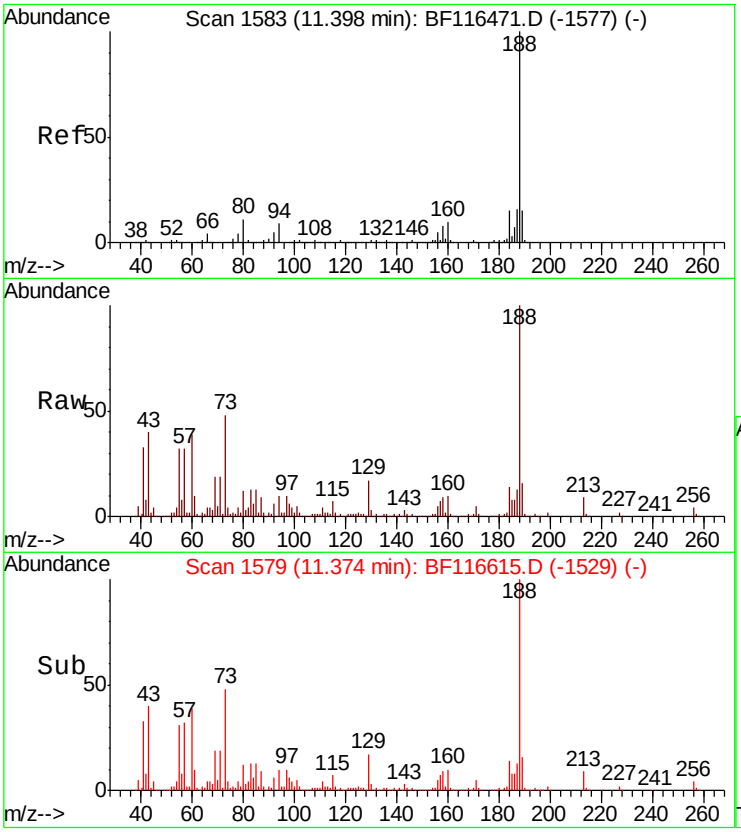


#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.18 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:165 Resp: 22327

Ion	Ratio	Lower	Upper
165	100		
63	1.6	30.9	46.3#
89	2.0	55.0	82.6#
182	0.0	2.2	3.2#



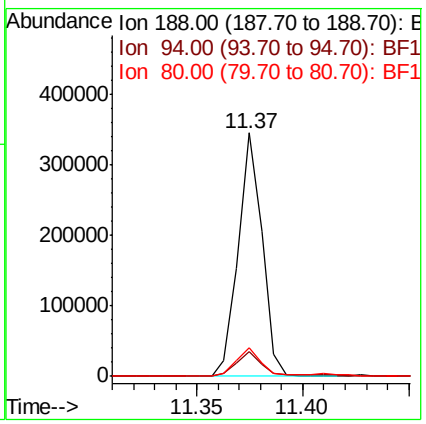


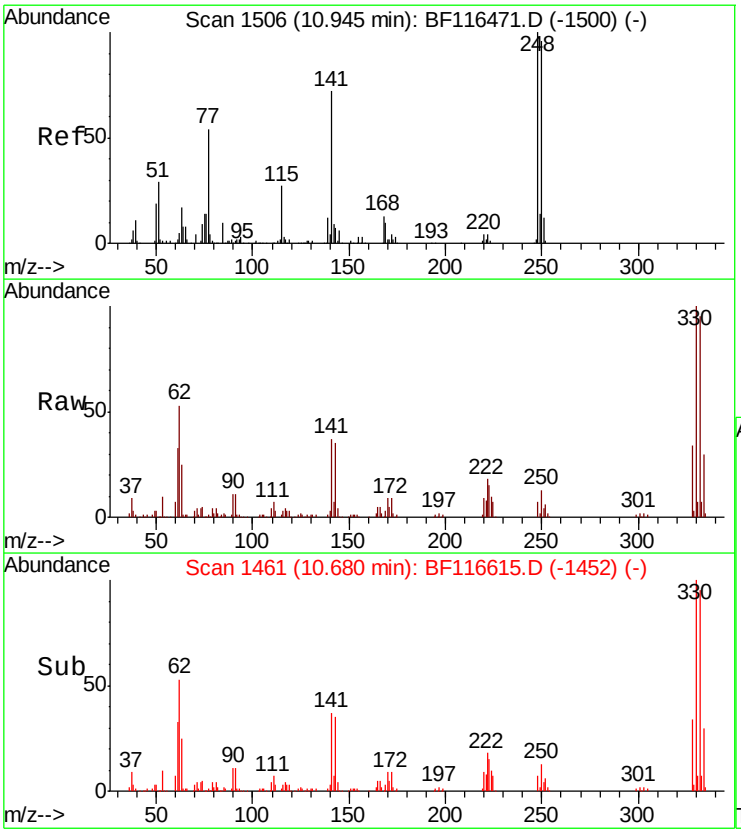
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 270203

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	11.5	8.9	13.3

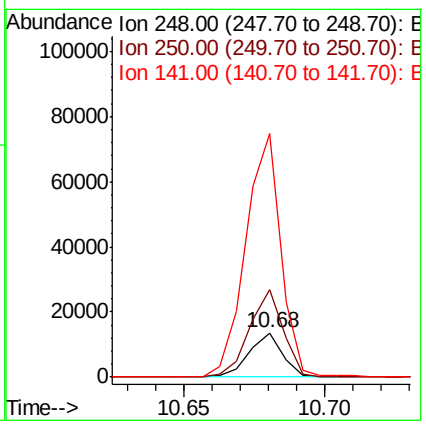


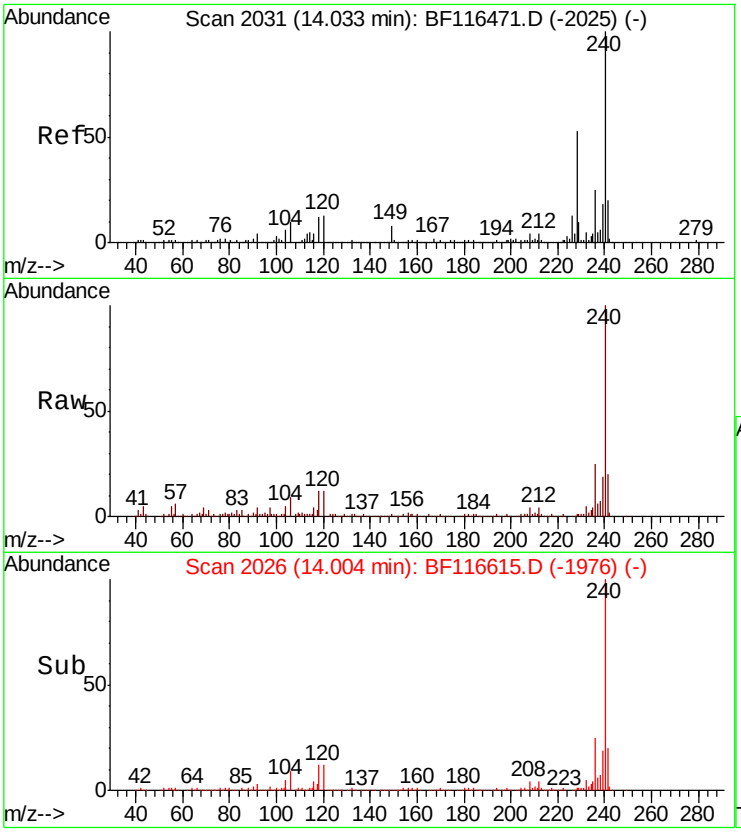


#67
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:248 Resp: 11173

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.6	115.0#
141	547.5	60.8	91.2#



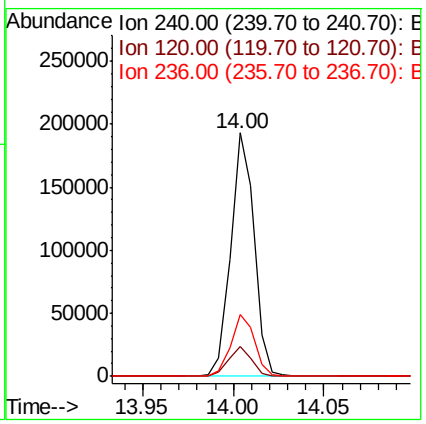


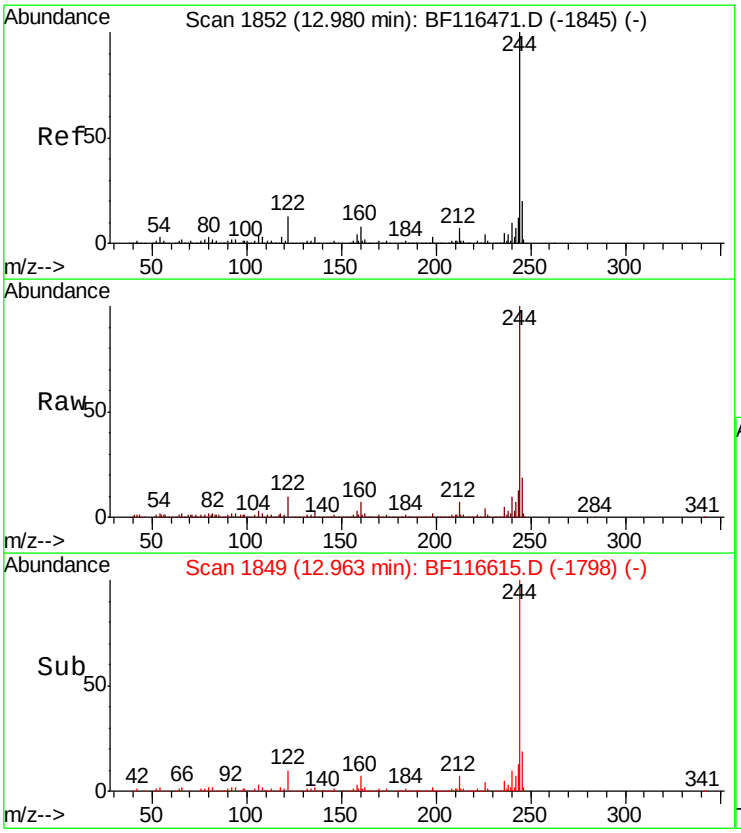
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 173669

Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.3	16.9
236	25.3	21.4	32.2

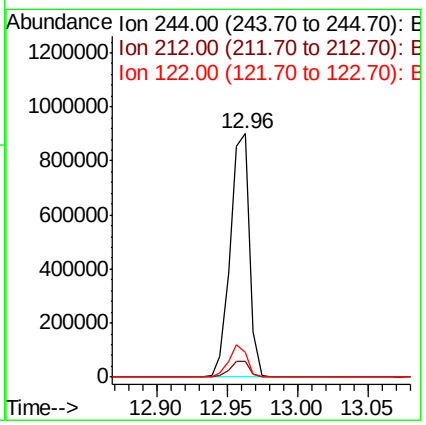


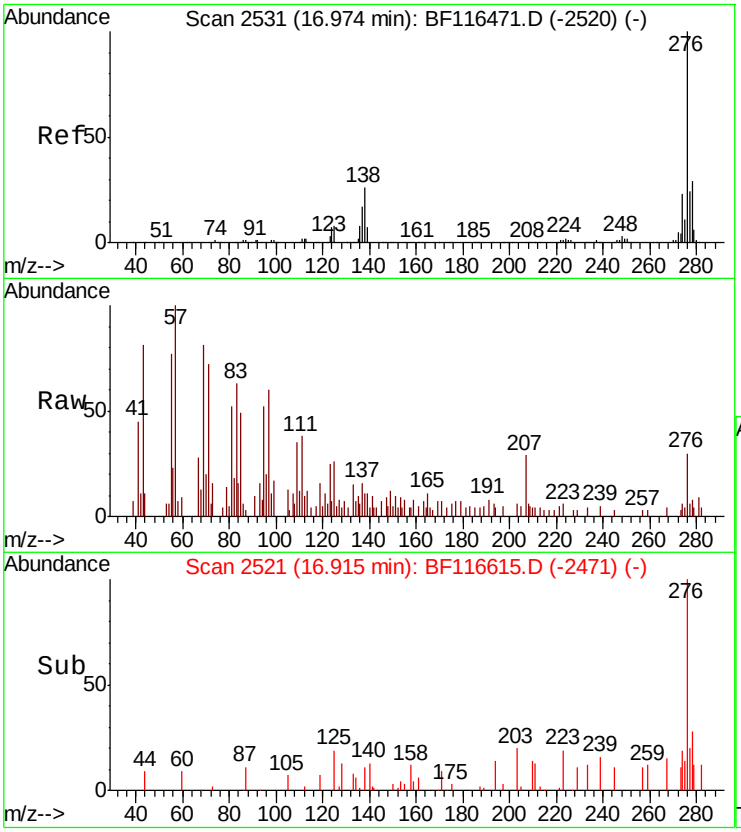


#79
Terphenyl-d14
Concen: 79.645 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:244 Resp: 850483

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.2	10.0	15.0



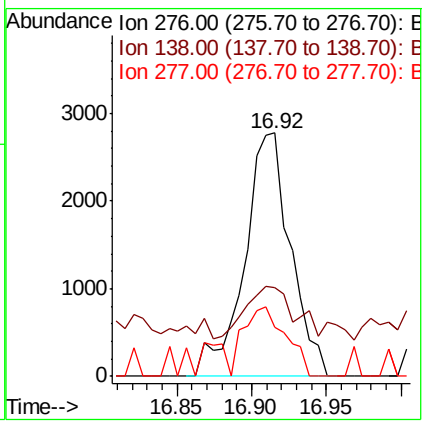


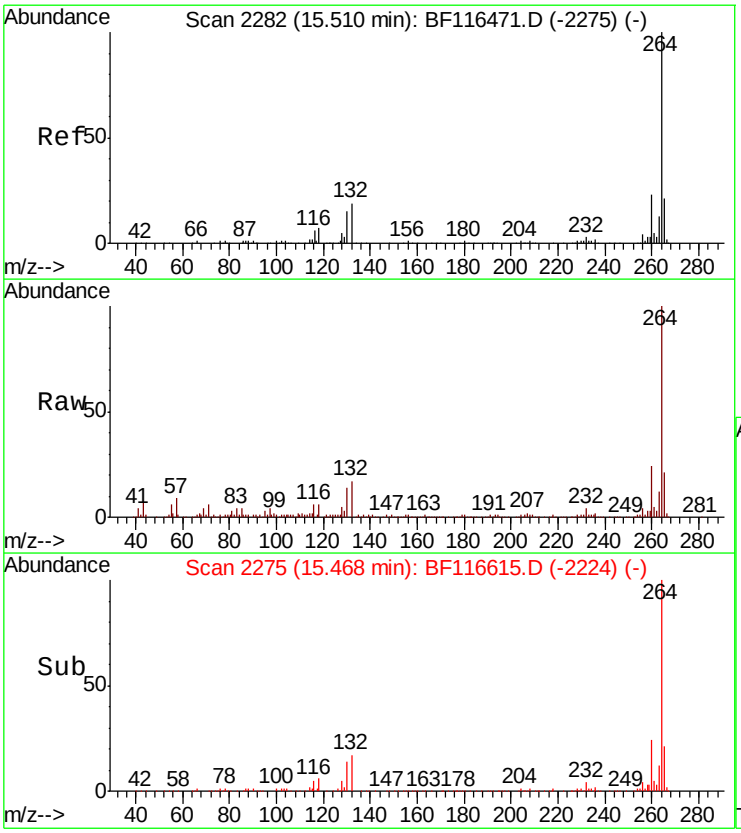
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.480 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 5946

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.5	32.3
277	26.3	20.0	30.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:264 Resp: 224213

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.0	30.0
265	20.6	17.6	26.4