Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116642.D
Acq On : 29 Aug 2019 3:45
Operator : HP/JU
Sample : K4086-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 04:49:57 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	6.87	152	102644	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	185872	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	97805	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	145723	20.00	ng		0.00
76) Chrysene-d12	14.01	240	158855	20.00	ng		0.00
87) Perylene-d12	15.47	264	152242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	302932	50.98	ng		0.00
7) Phenol-d6	6.49	99	473671	58.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	274530	84.51	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	50748	54.53	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	265977	45.26	ng		0.00
79) Terphenyl-d14	12.96	244	221401	22.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	908	Below Cal		#	1
10) Phenol	6.50	94	22236	2.516	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	36681	7.159	ng	#	80
25) Isophorone	7.42	82	274527	46.424	ng	#	65
50) Dimethylphthalate	9.61	163	17464	2.656	ng		99
51) 2,6-Dinitrotoluene	9.90	165	13571	9.360	ng	#	32
57) 2,4-Dinitrotoluene	9.90	165	13571	7.093	ng	#	28
67) 4-Bromophenyl-phenylether	10.68	248	3625	2.345	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.93	276	3051	4.198	ng	#	68

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

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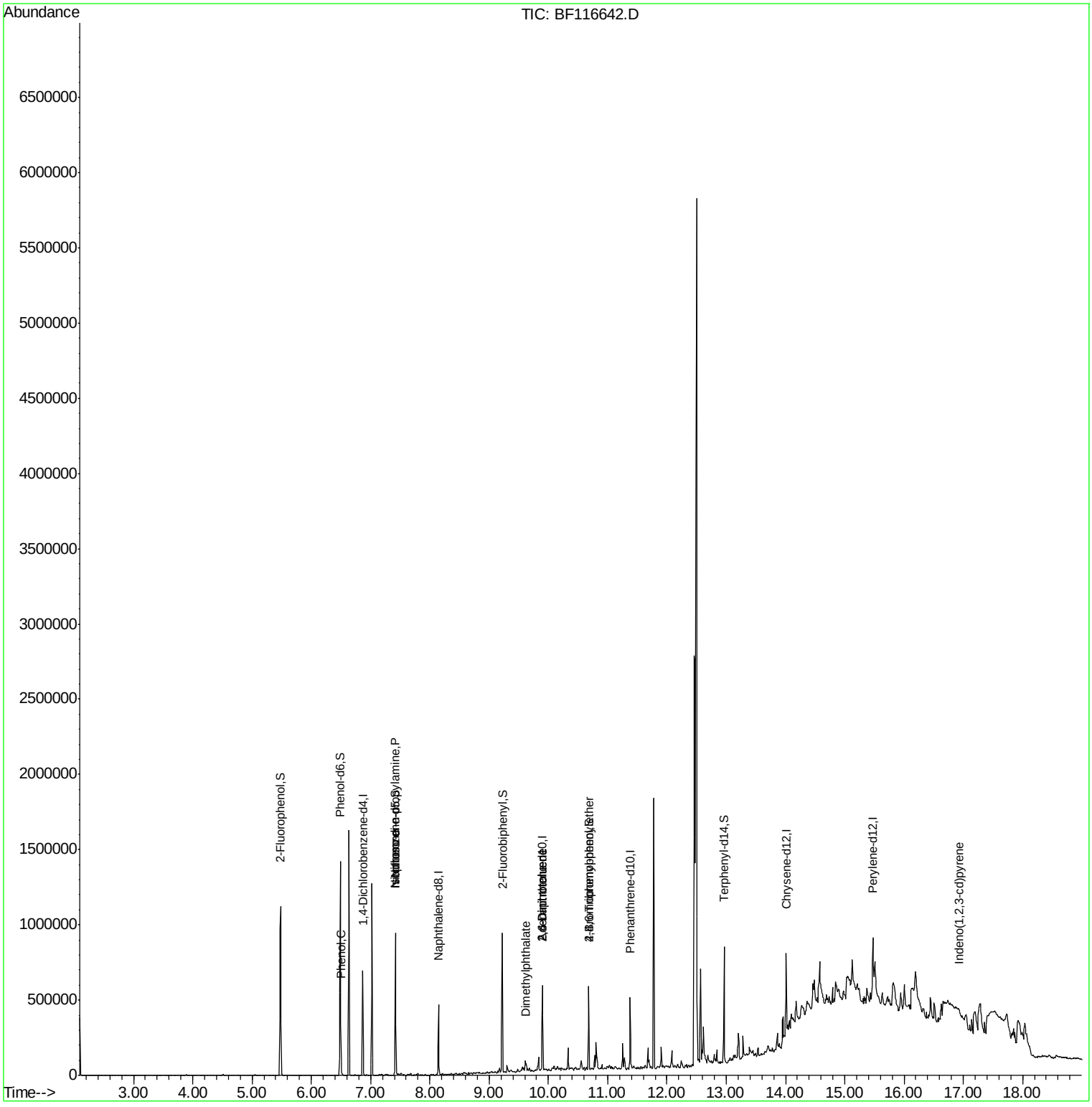
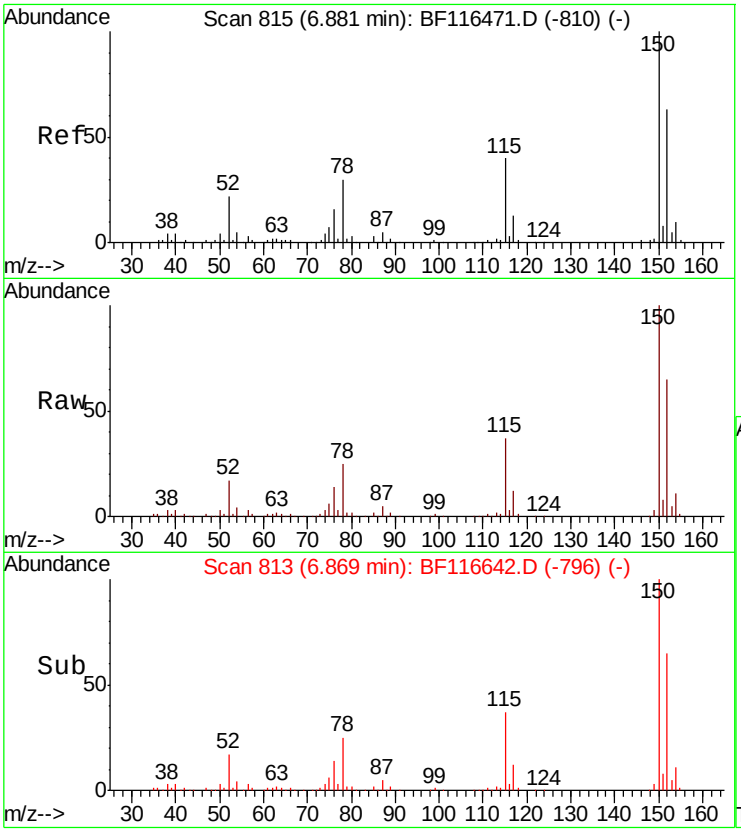


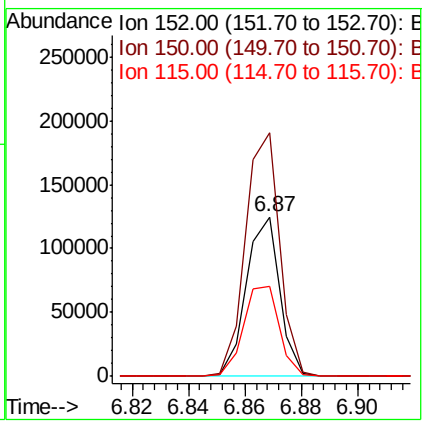


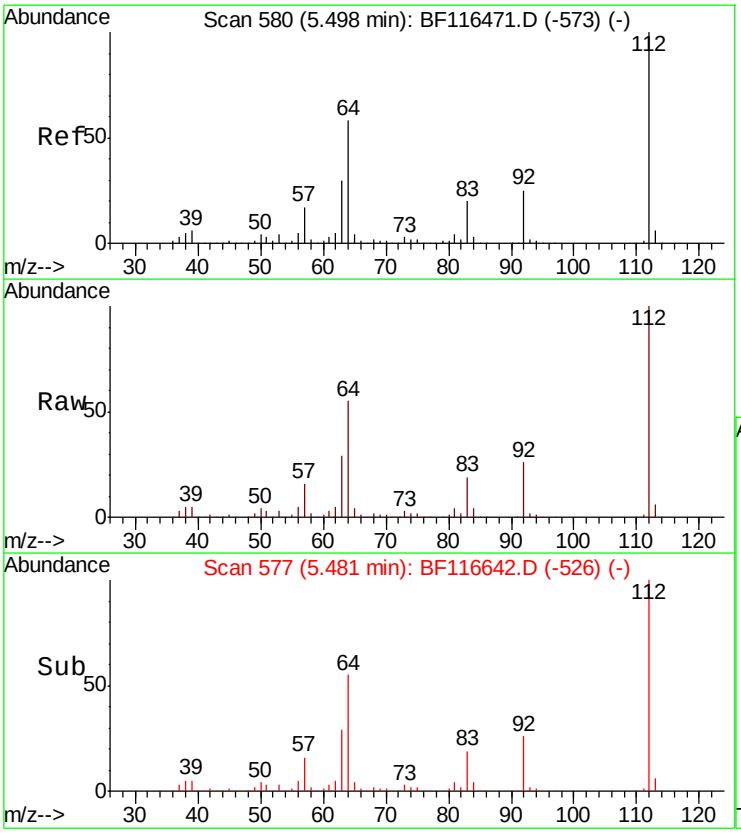
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102644

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.4	185.2
115	56.2	48.2	72.2

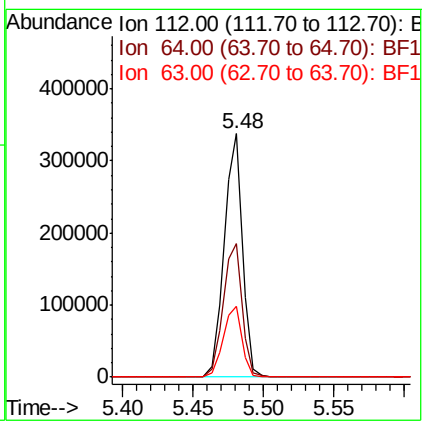


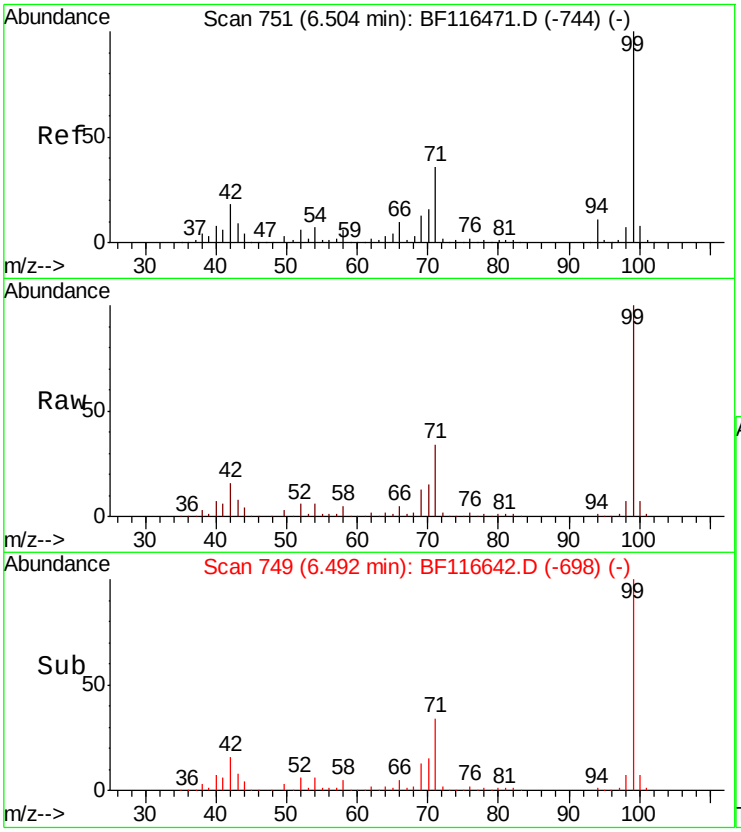


#5
2-Fluorophenol
Concen: 50.975 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:112 Resp: 302932

Ion	Ratio	Lower	Upper
112	100		
64	55.0	48.0	72.0
63	29.2	24.6	36.8



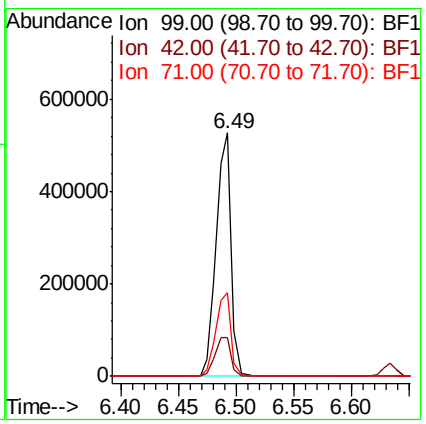


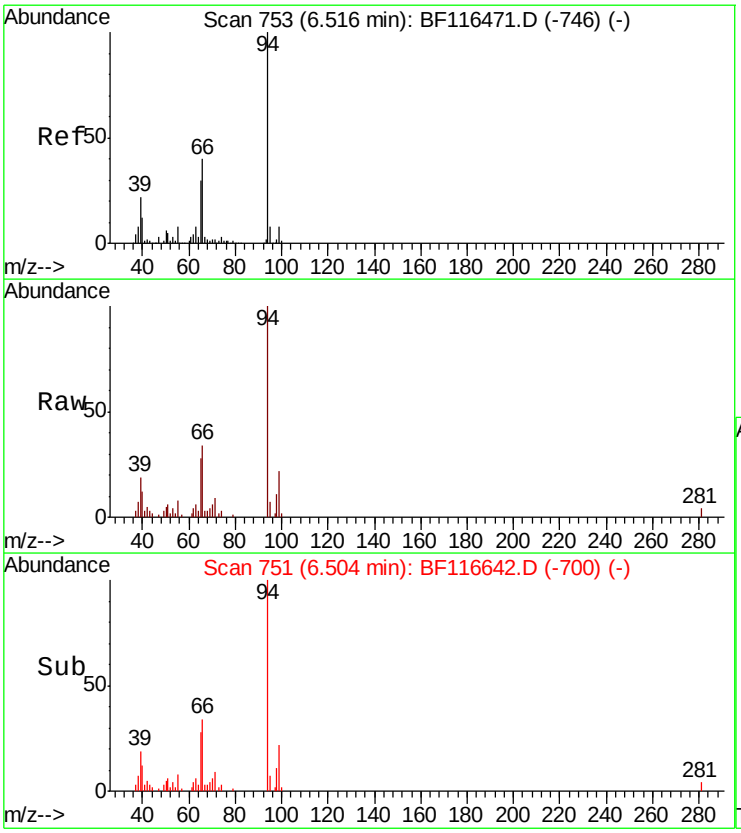
#7
Phenol-d6
Concen: 58.792 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 473671

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.2	19.8
71	34.1	27.4	41.2

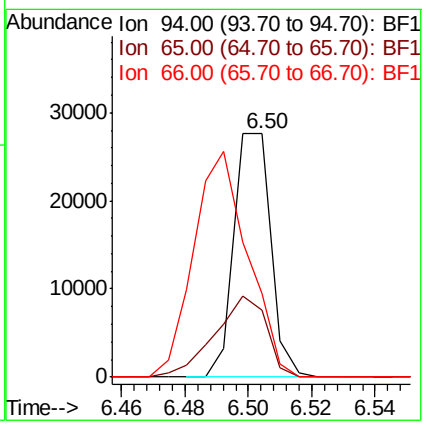


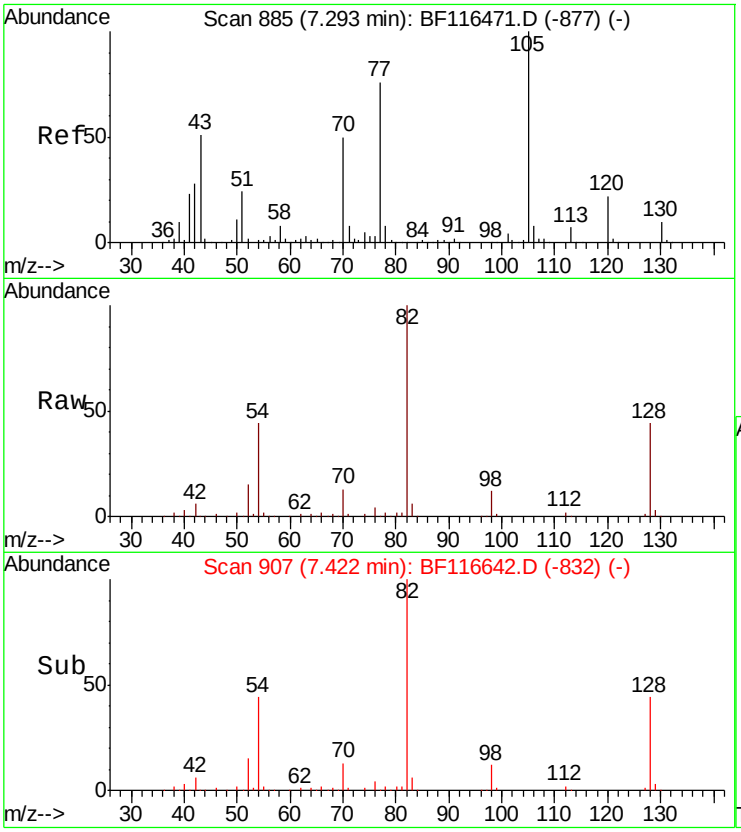


#10
Phenol
Concen: 2.516 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion: 94 Resp: 22236

Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.6	48.6
66	34.1	18.0	58.0



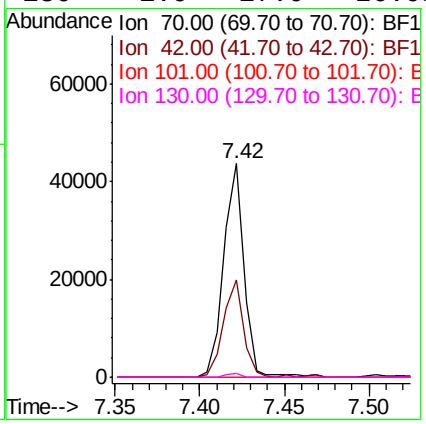


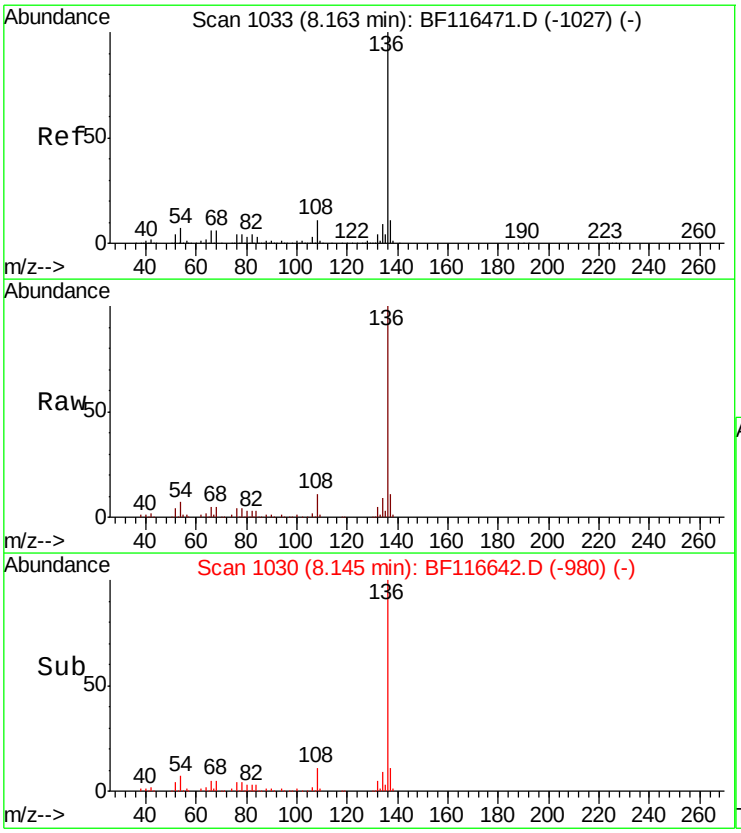
#19
n-Nitroso-di-n-propylamine
Concen: 7.159 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 36681

Ion	Ratio	Lower	Upper
70	100		
42	45.3	41.2	61.8
101	0.0	7.7	11.5#
130	1.9	17.9	26.9#

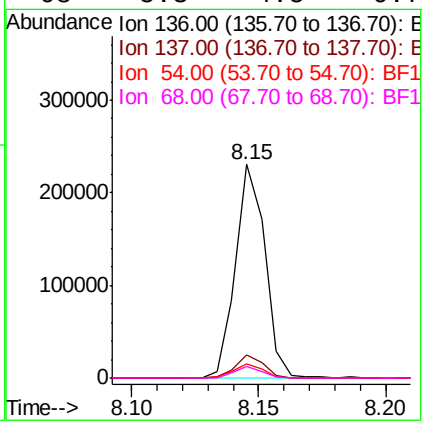


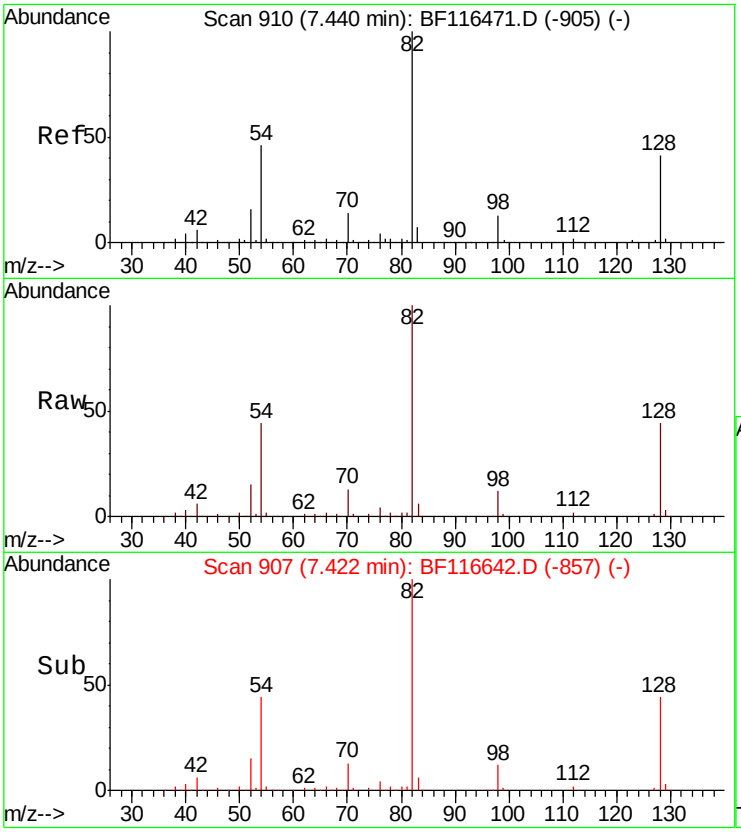


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:136 Resp: 185872

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.6	5.0	7.4
68	5.3	4.5	6.7



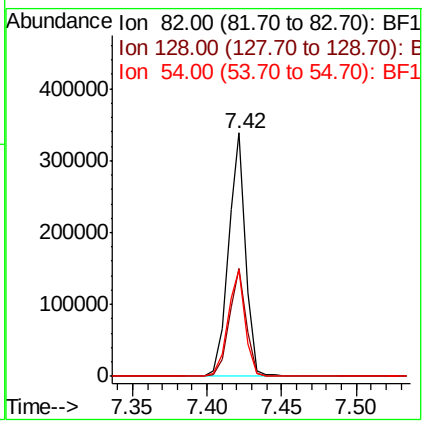


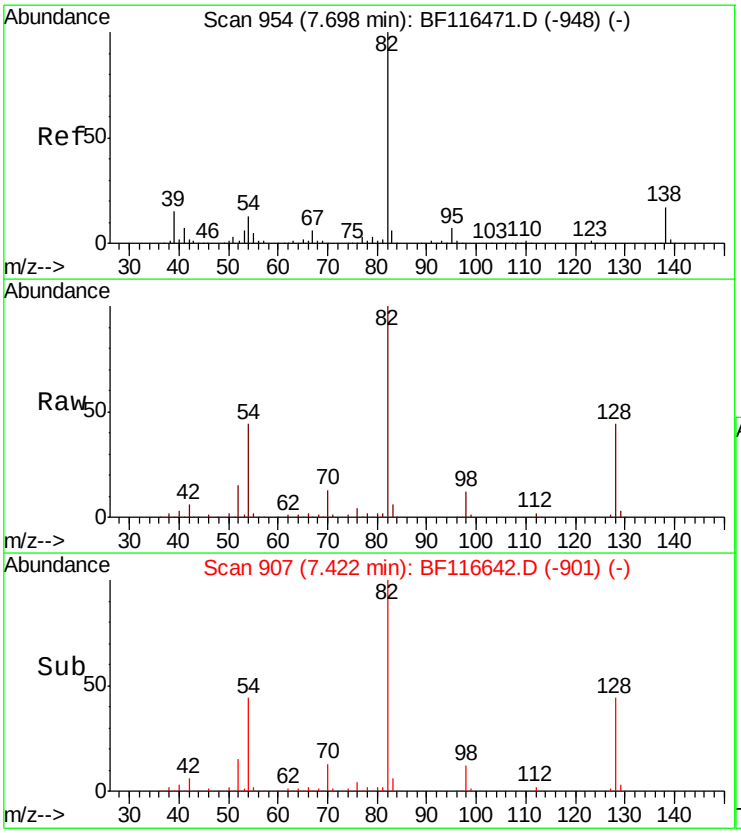
#23
Nitrobenzene-d5
Concen: 84.513 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 274530

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.0	52.6
54	43.8	34.4	51.6

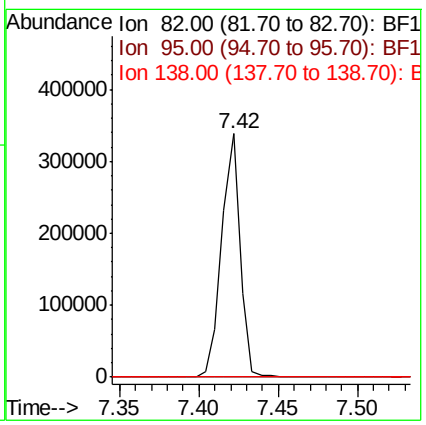


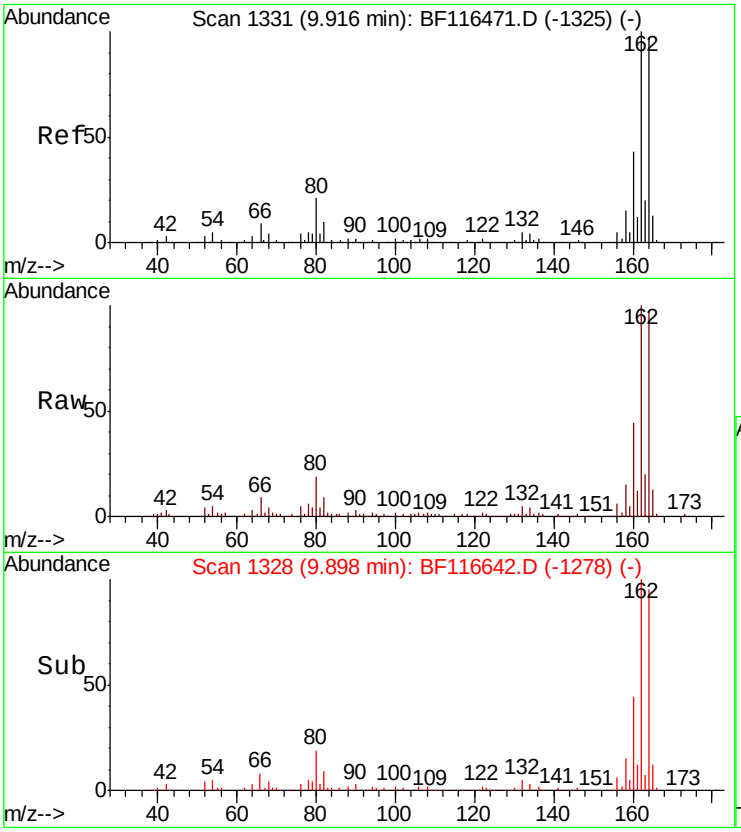


#25
Isophorone
Concen: 46.424 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion: 82 Resp: 274527

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



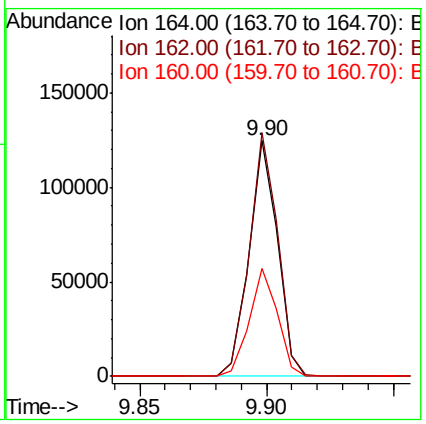


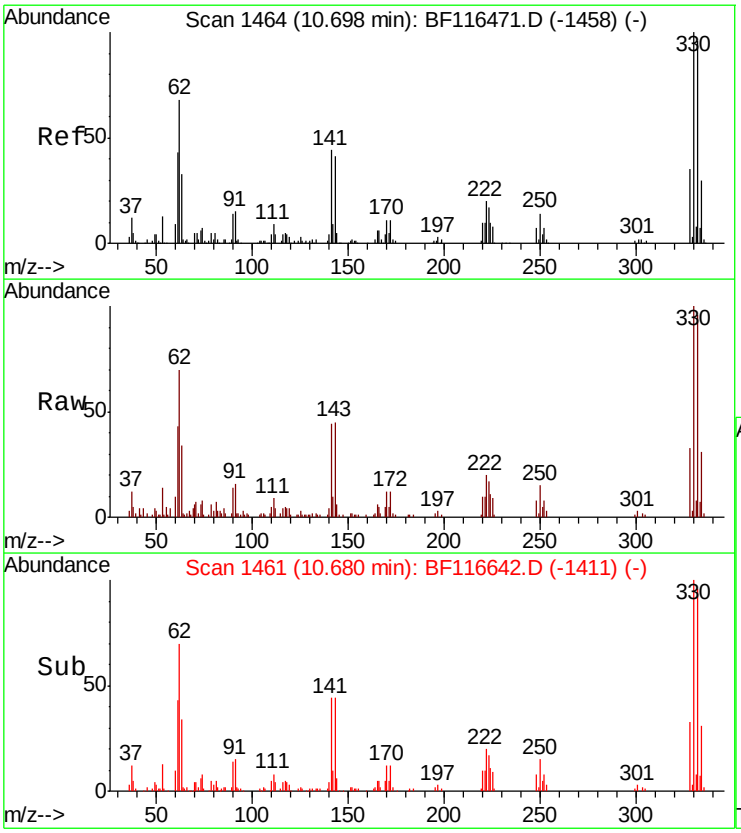
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 97805

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.0
160	46.0	37.0	55.4

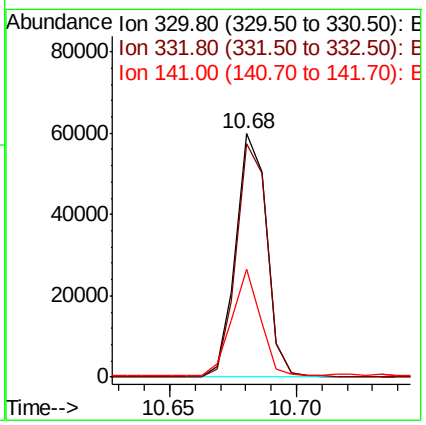


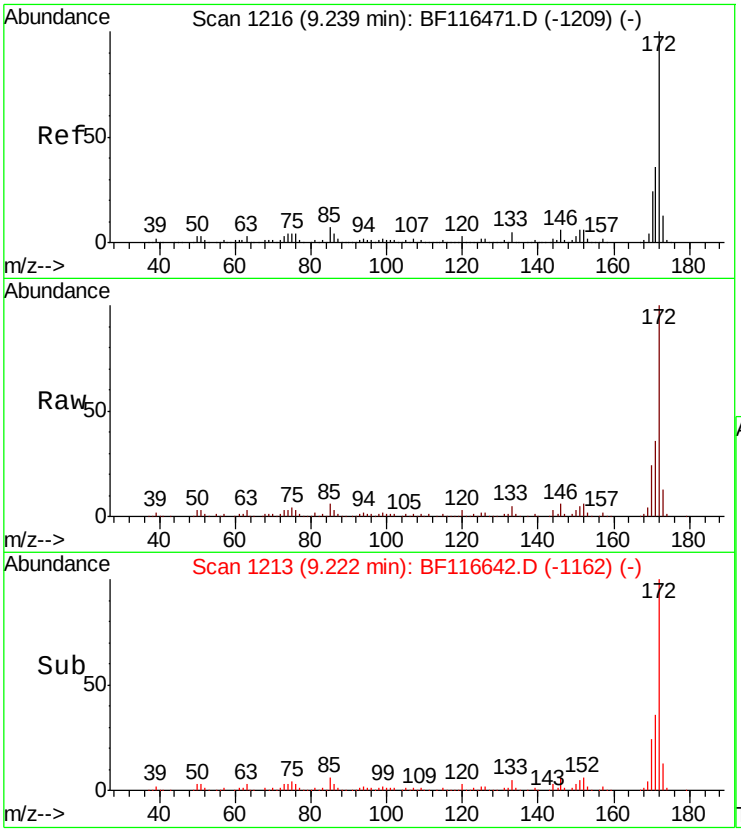


#42
2,4,6-Tribromophenol
Concen: 54.525 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:330 Resp: 50748

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	40.1	28.2	42.2



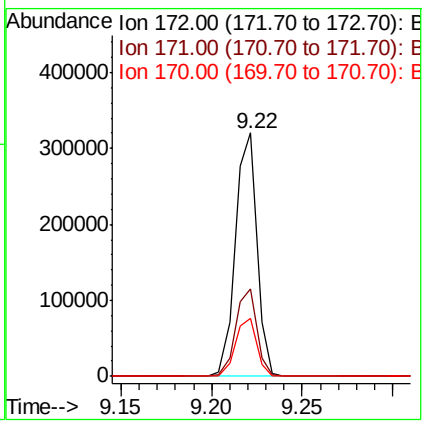


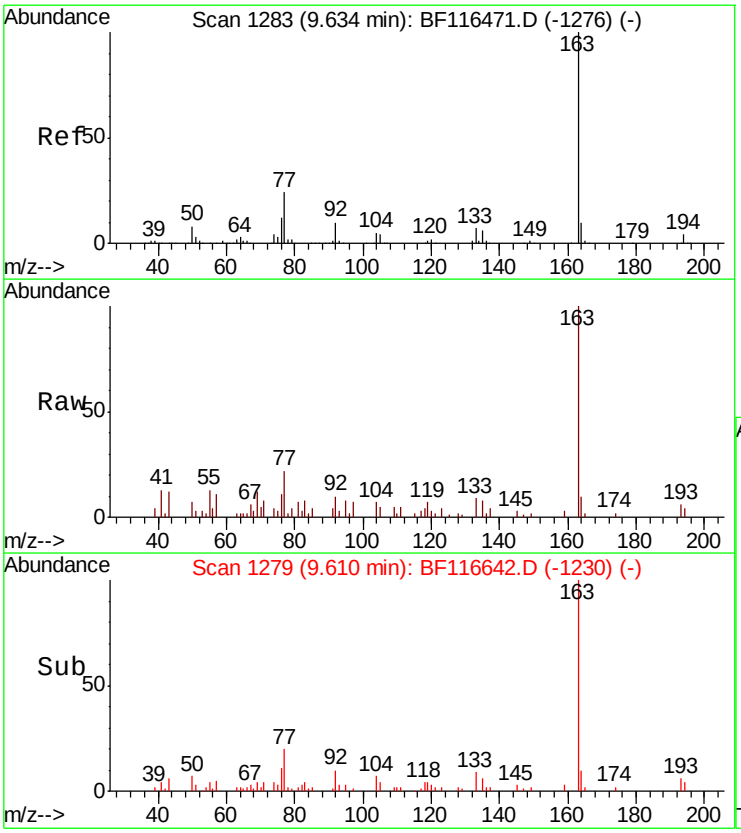
#45
2-Fluorobiphenyl
Concen: 45.257 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 265977

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.6	19.3	28.9

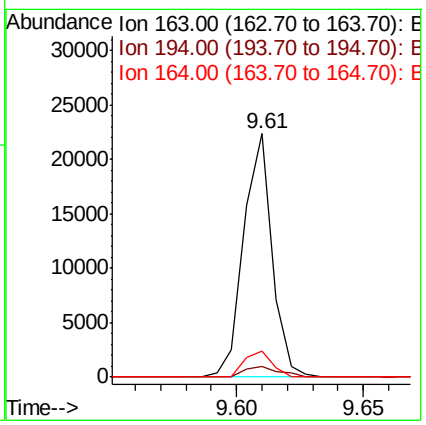


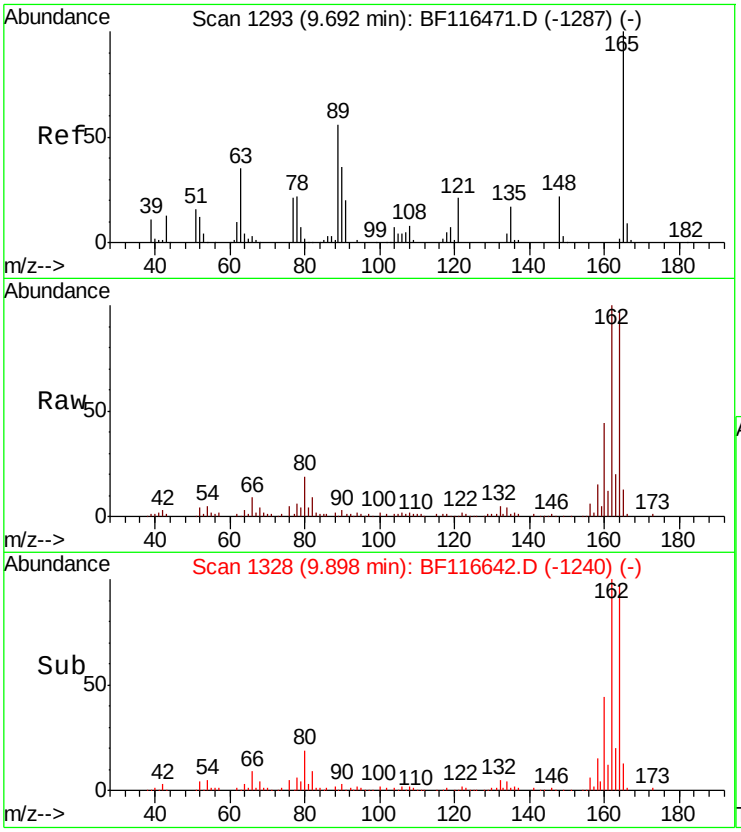


#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:163 Resp: 17464

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.4	8.2	12.2



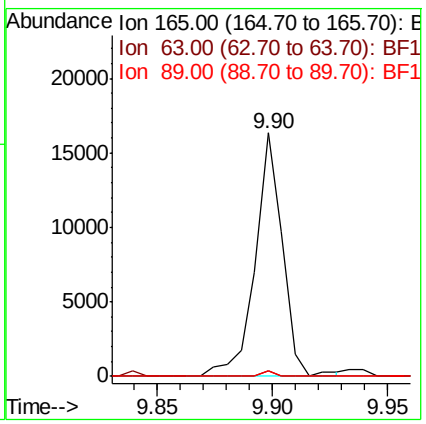


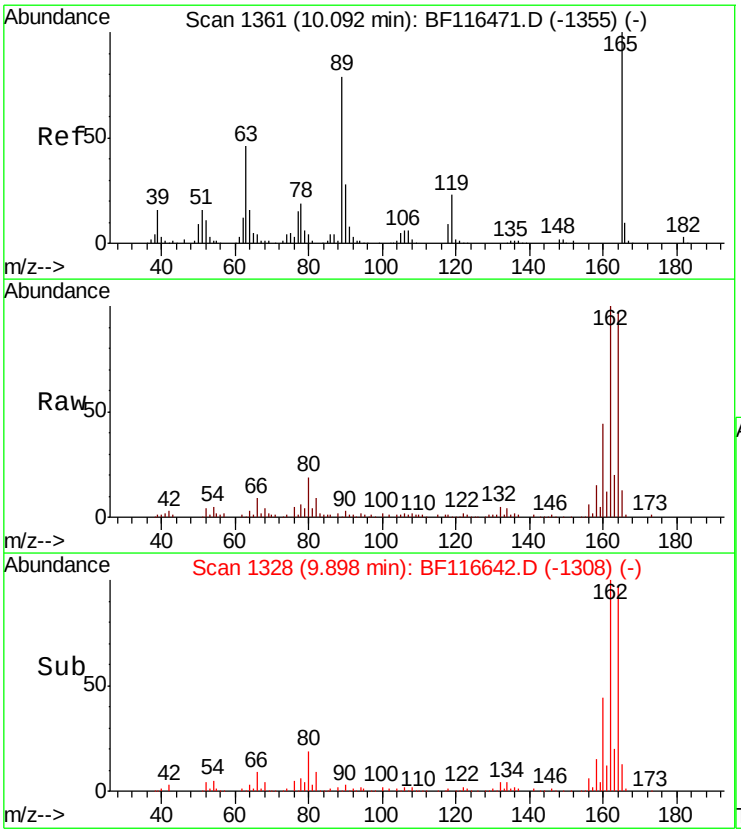
#51
2,6-Dinitrotoluene
Concen: 9.360 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.22 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13571

Ion	Ratio	Lower	Upper
165	100		
63	2.5	37.2	55.8#
89	2.4	40.8	61.2#

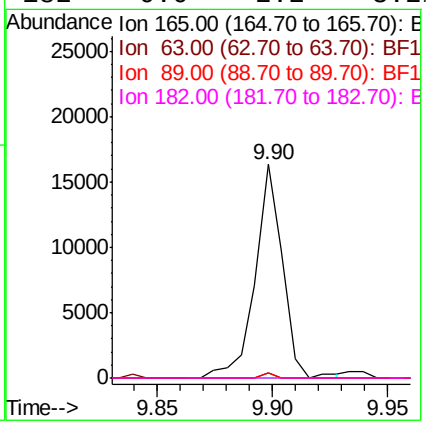


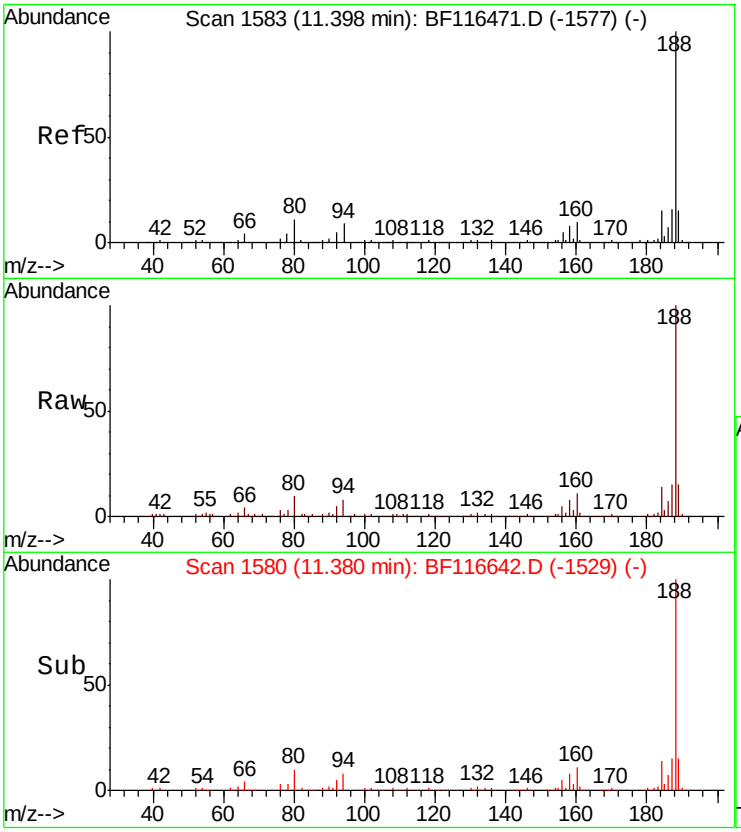


#57
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.18 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:165 Resp: 13571

Ion	Ratio	Lower	Upper
165	100		
63	2.5	30.9	46.3#
89	2.4	55.0	82.6#
182	0.0	2.2	3.2#



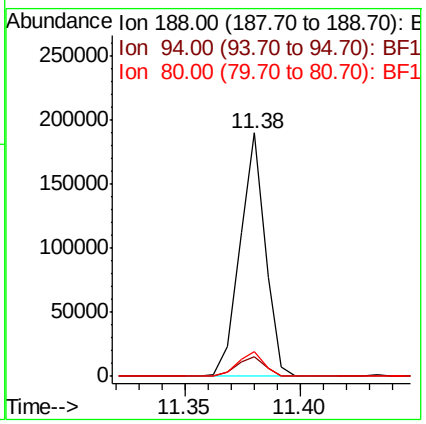


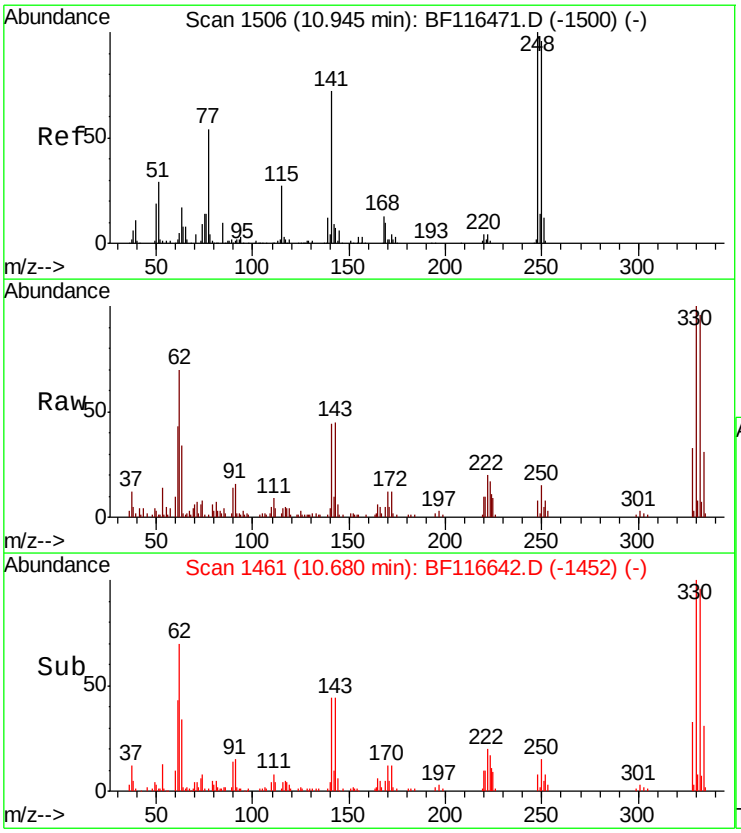
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 145723

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.4#
80	10.0	8.9	13.3

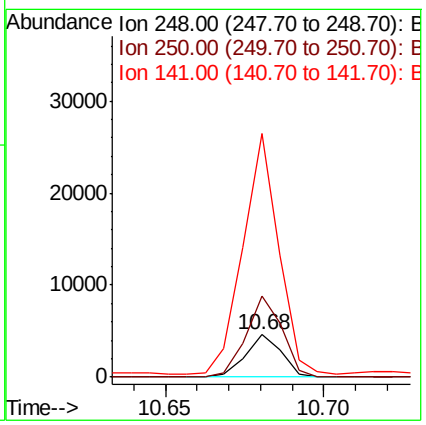


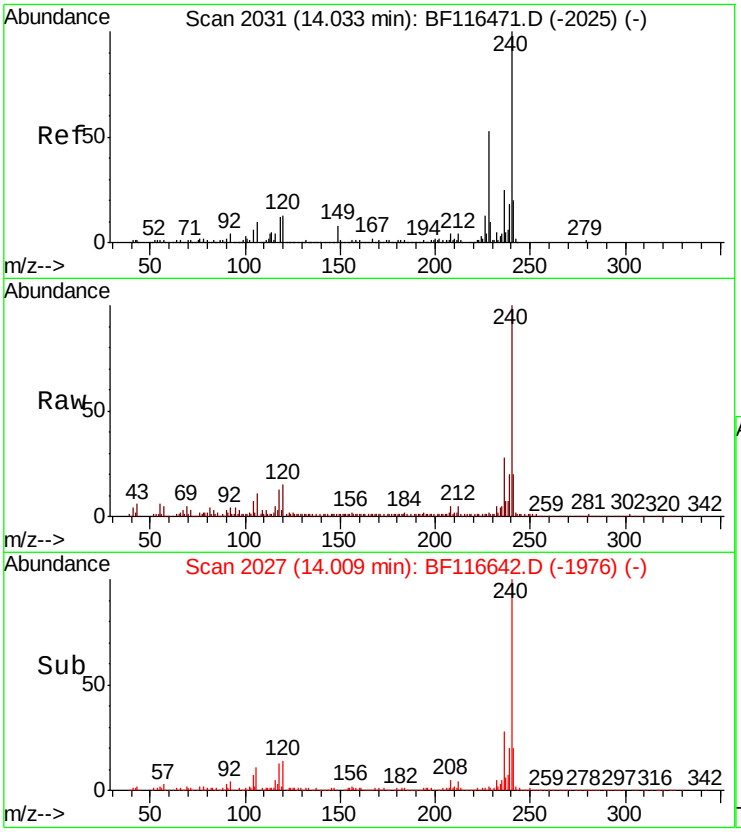


#67
4-Bromophenyl-phenylether
Concen: 2.345 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:248 Resp: 3625

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.6	115.0#
141	572.7	60.8	91.2#



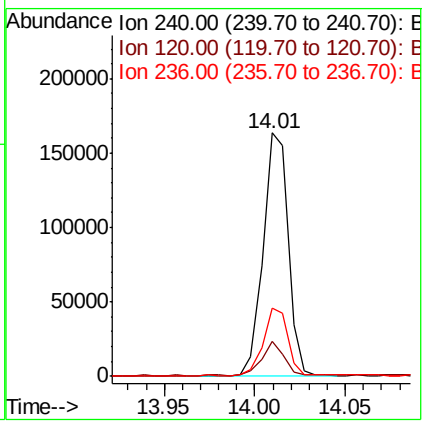


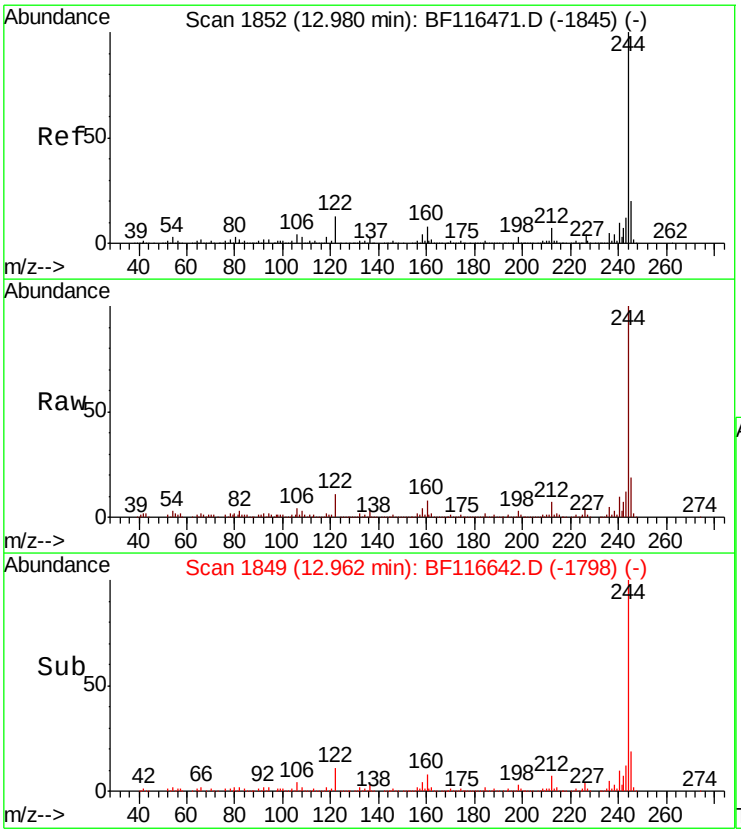
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 158855

Ion	Ratio	Lower	Upper
240	100		
120	14.5	11.3	16.9
236	28.1	21.4	32.2

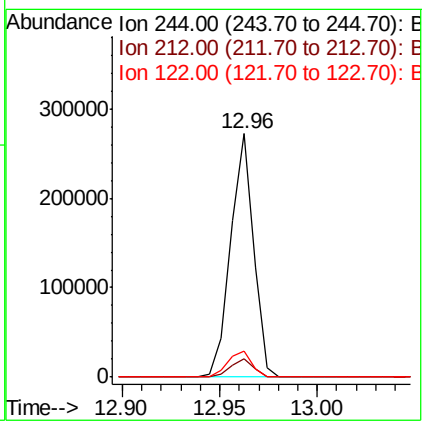


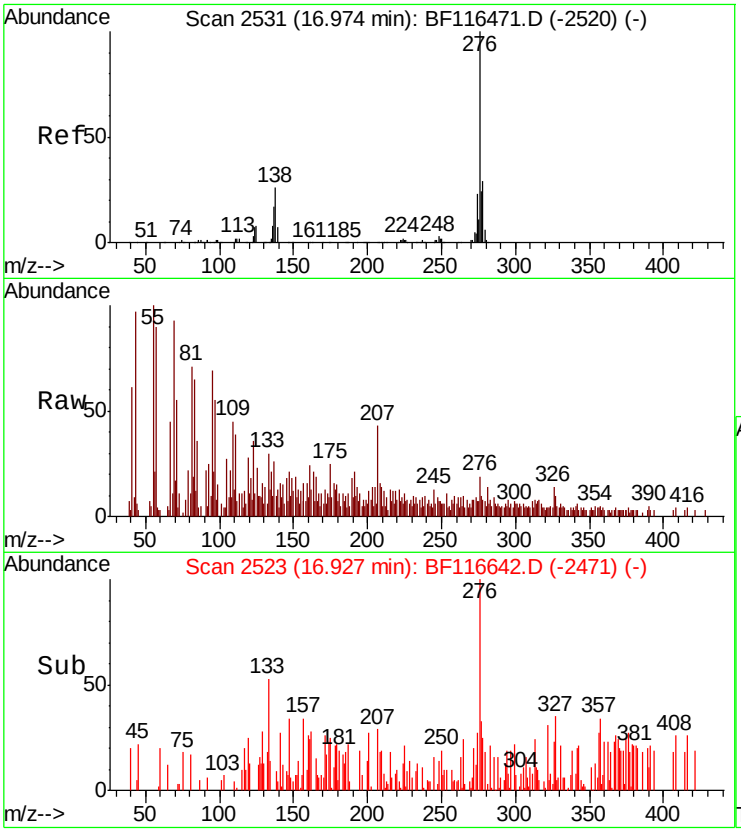


#79
Terphenyl-d14
Concen: 22.667 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:244 Resp: 221401

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.8	10.0	15.0



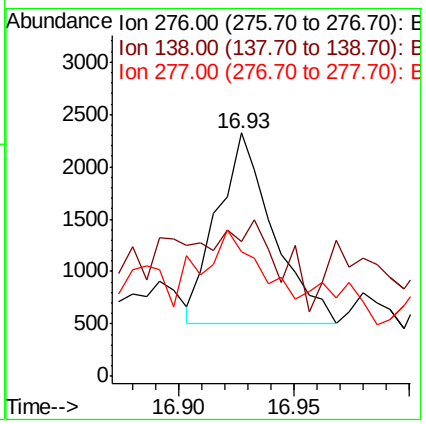


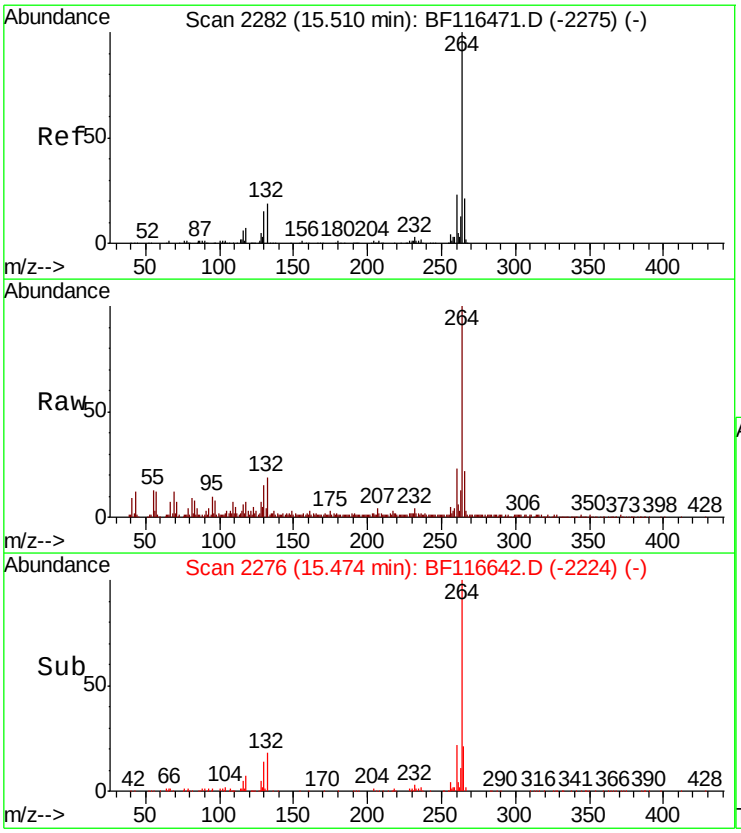
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.198 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 3051

Ion	Ratio	Lower	Upper
276	100		
138	44.7	21.5	32.3#
277	40.1	20.0	30.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:264 Resp: 152242

Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.0	30.0
265	22.2	17.6	26.4