Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-031119-B

Quant Time: Mar 13 03:57:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	214289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	750461	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	317377	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	535542	20.00	ng	0.00
76) Chrysene-d12	13.86	240	520916	20.00	ng	0.00
87) Perylene-d12	15.27	264	531052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	582436	42.28	ng	0.00
7) Phenol-d6	6.36	99	754148	43.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	432228	34.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	159792	47.43	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	768001	34.01	ng	0.00
79) Terphenyl-d14	12.82	244	670329	24.95	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	64968	2.776	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	43017	7.101	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	150	4.674	ng	# 1

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

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Misc :
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Instrument :
BNA_F
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SU-03-031119-B

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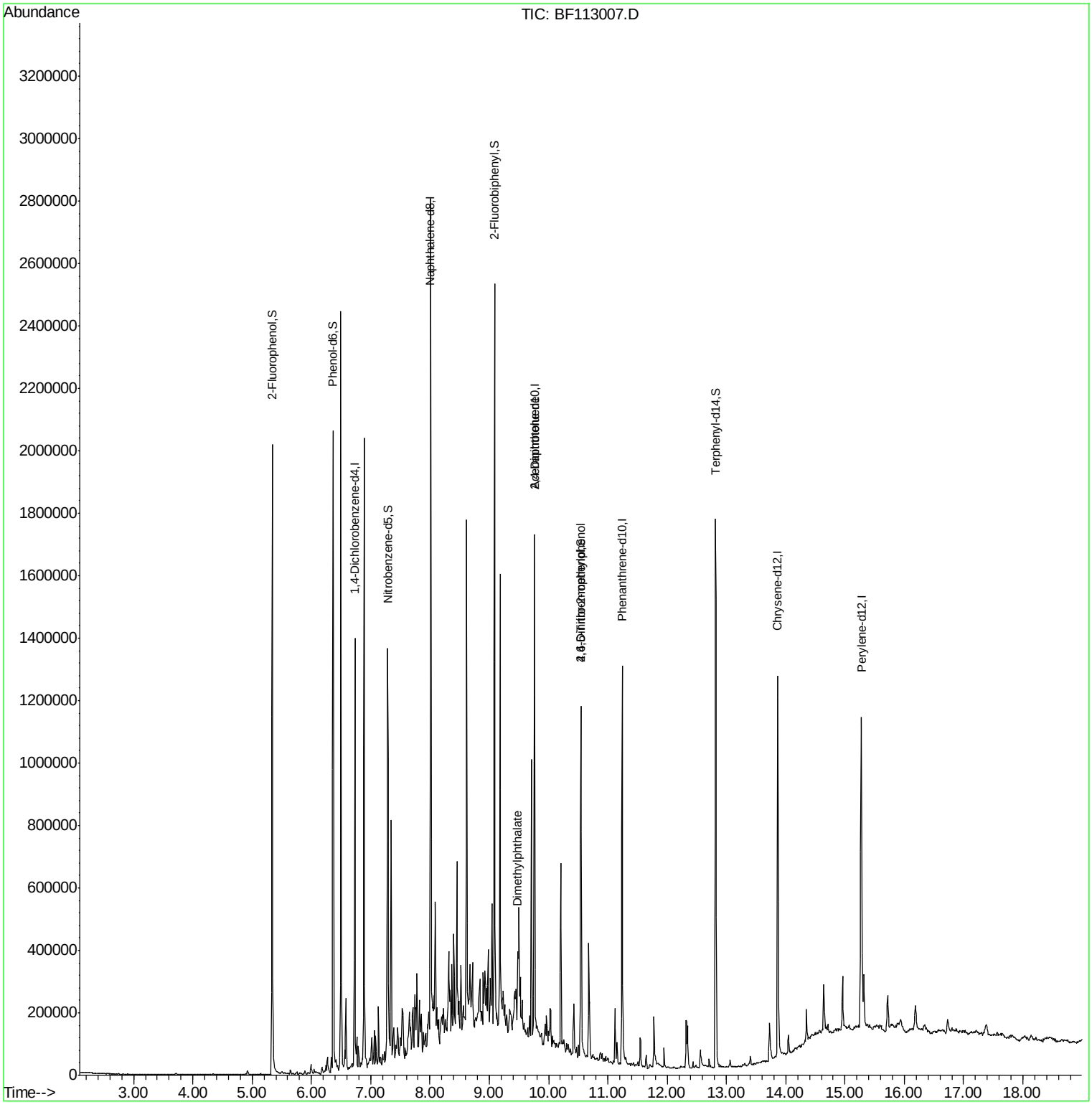
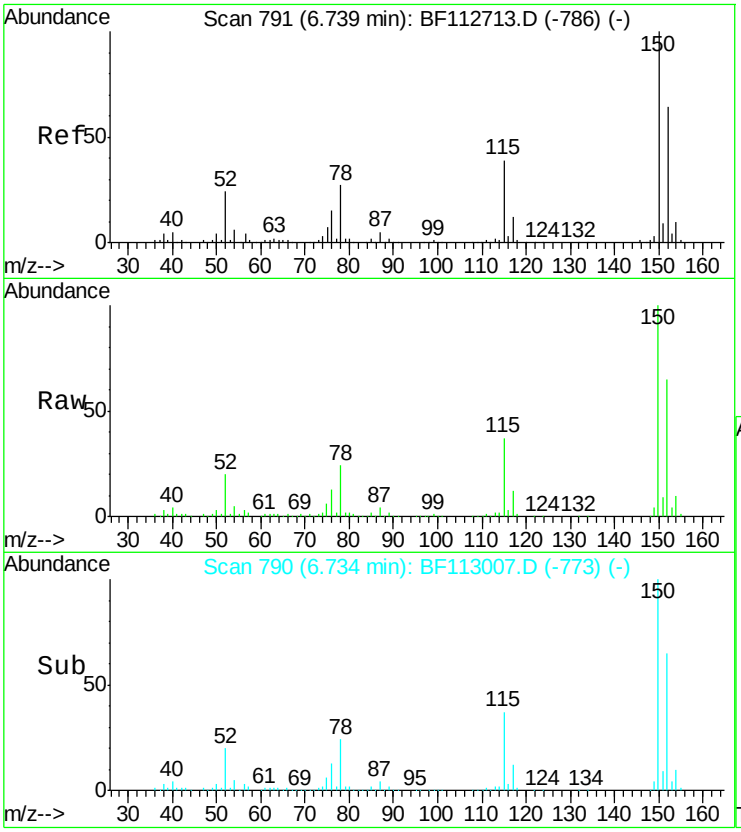


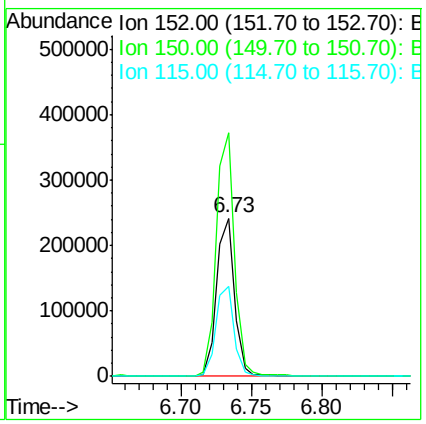


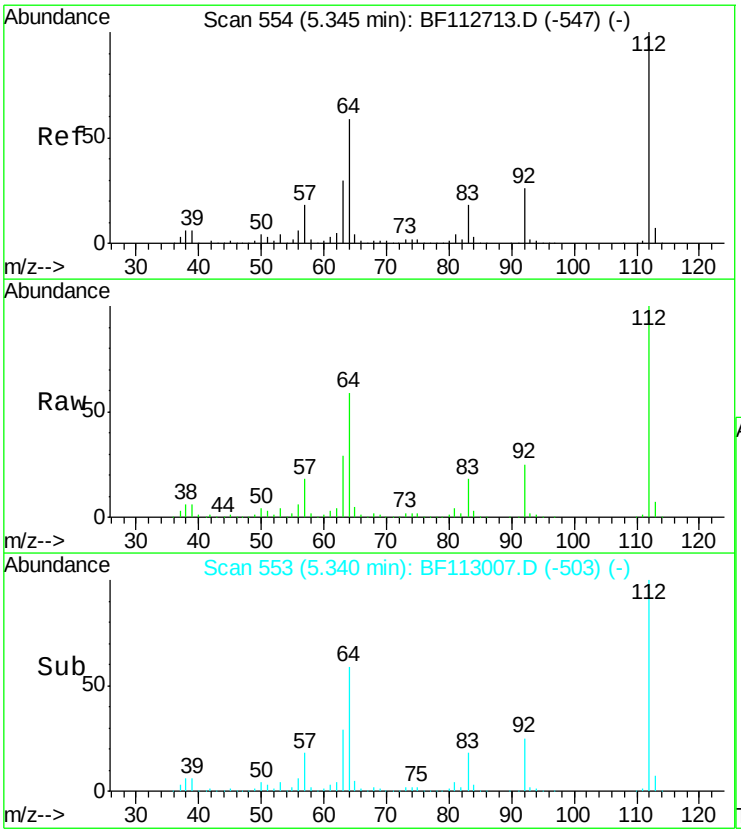
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:152 Resp: 214289

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	56.7	48.2	72.4

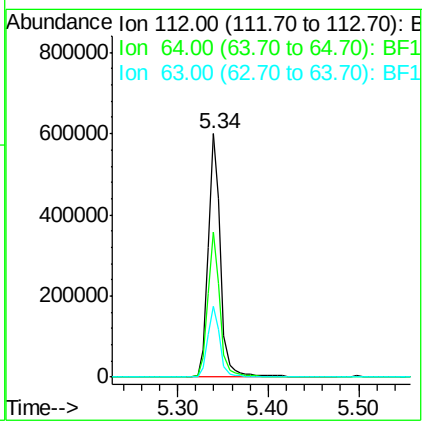


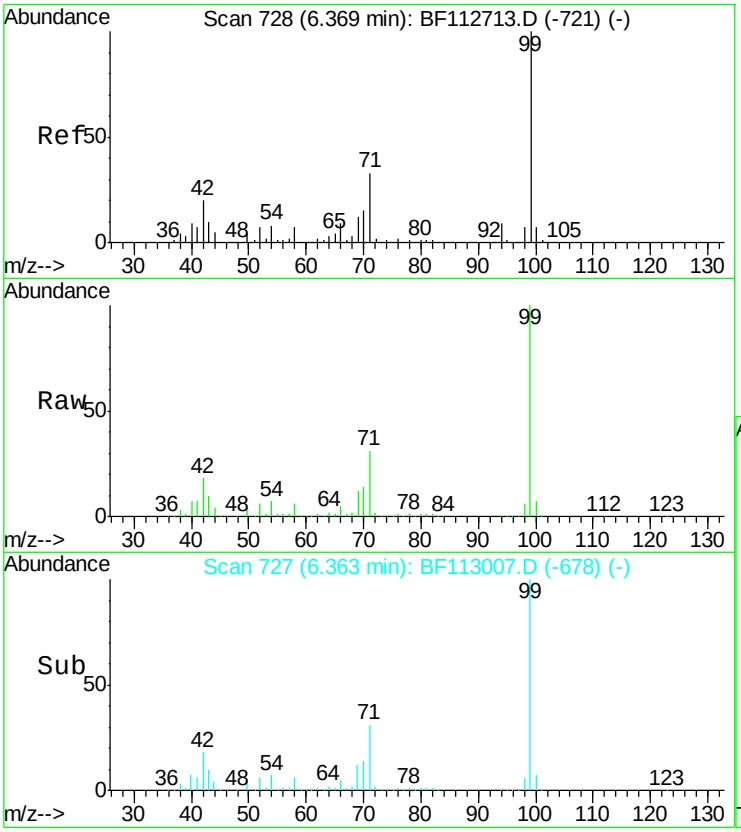


#5
2-Fluorophenol
Concen: 42.280 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:112 Resp: 582436

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	28.9	24.4	36.6



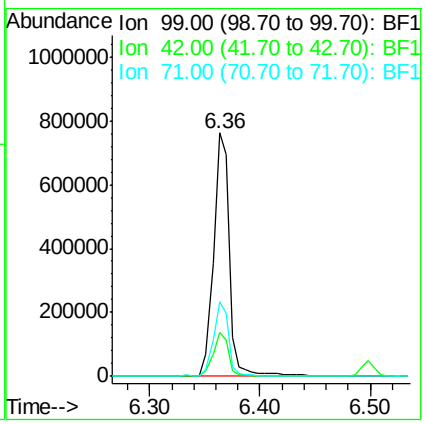


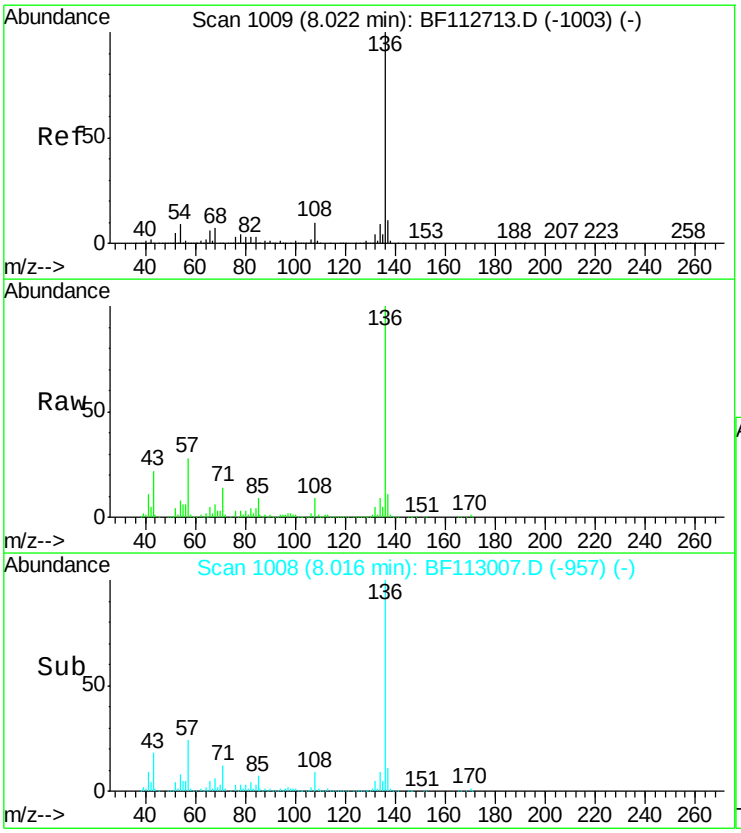
#7
Phenol-d6
Concen: 43.581 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion: 99 Resp: 754148

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.3	24.5
71	30.9	26.2	39.4

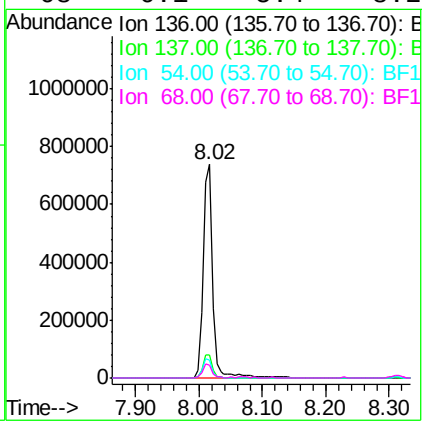


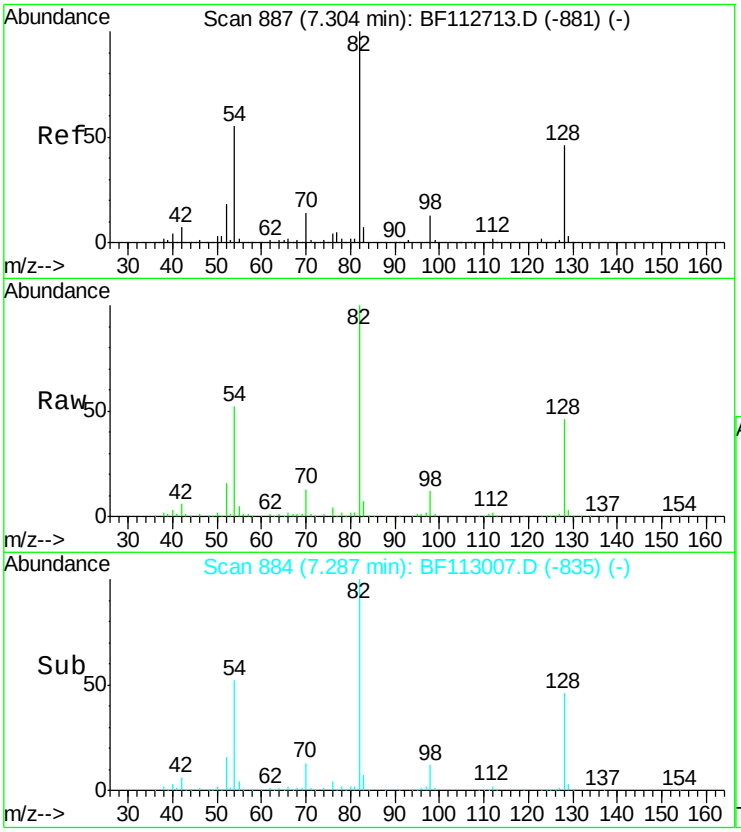


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:136 Resp: 750461

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	7.3	10.9
68	6.1	5.4	8.2



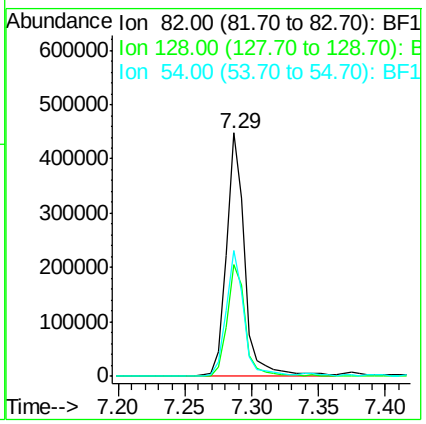


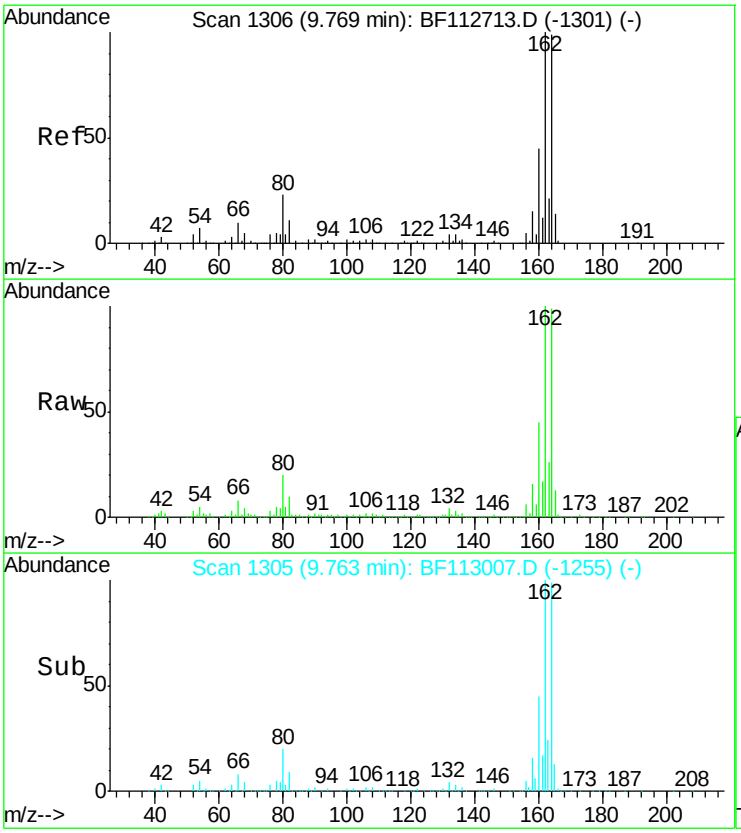
#23
Nitrobenzene-d5
Concen: 34.464 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion: 82 Resp: 432228

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	51.9	43.7	65.5

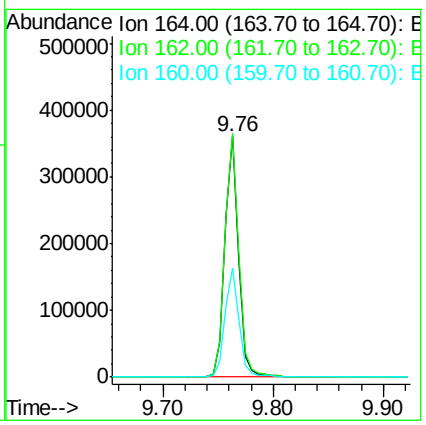


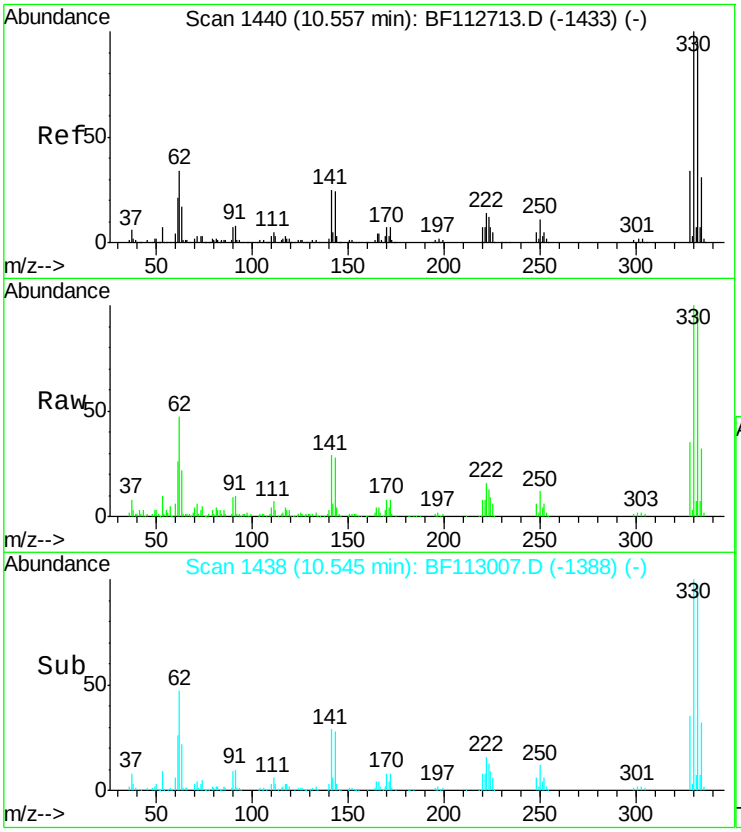


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:164 Resp: 317377

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	45.6	36.0	54.0



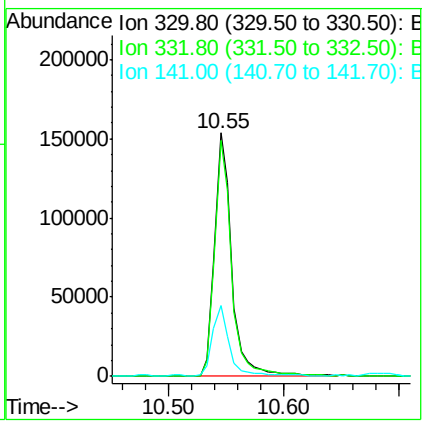


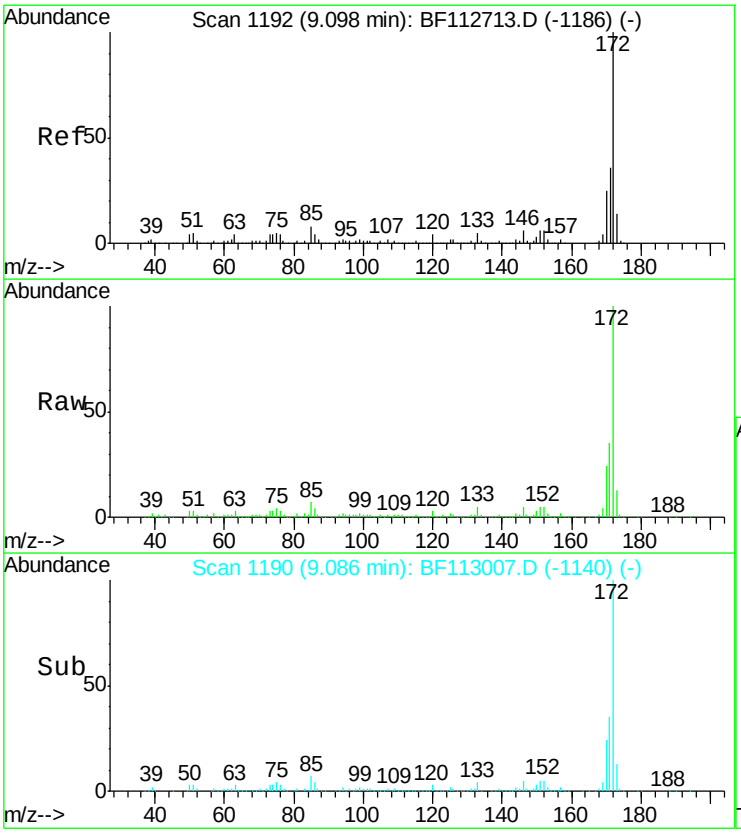
#42
2,4,6-Tribromophenol
Concen: 47.425 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:330 Resp: 159792

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	27.8	27.0	40.6

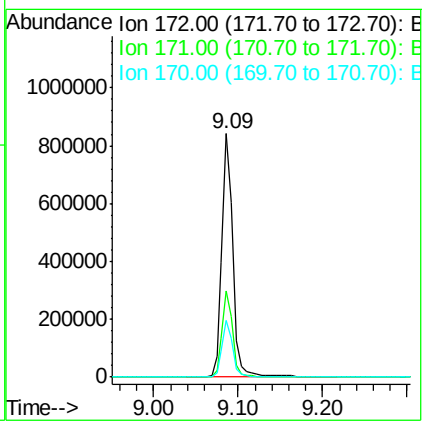


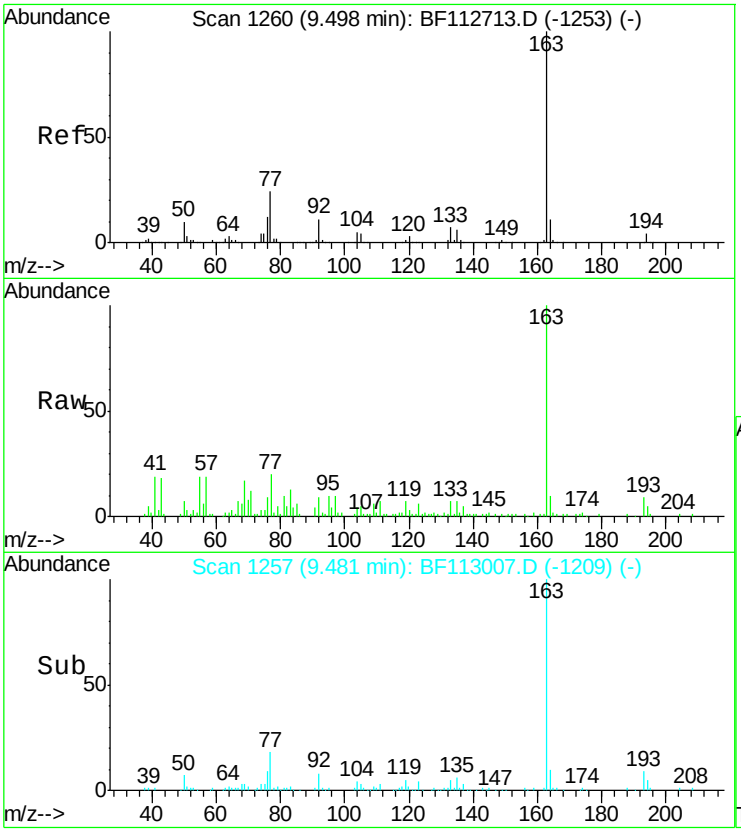


#45
2-Fluorobiphenyl
Concen: 34.008 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:172 Resp: 768001

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.5	20.0	30.0



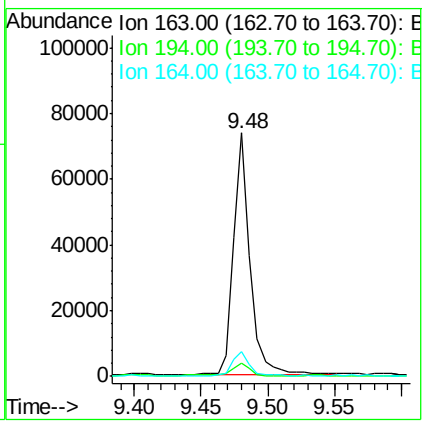


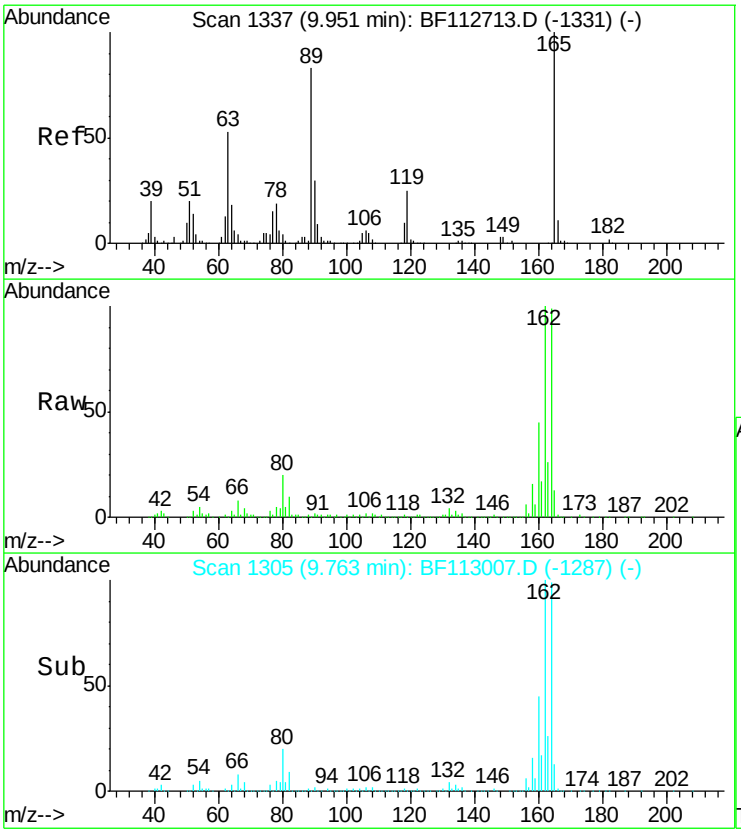
#50
Dimethylphthalate
Concen: 2.776 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:163 Resp: 64968

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.0	4.4#
164	10.2	8.4	12.6

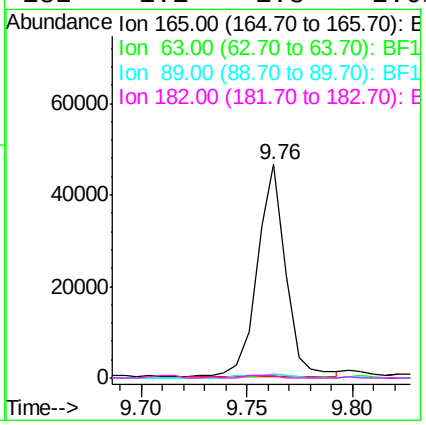


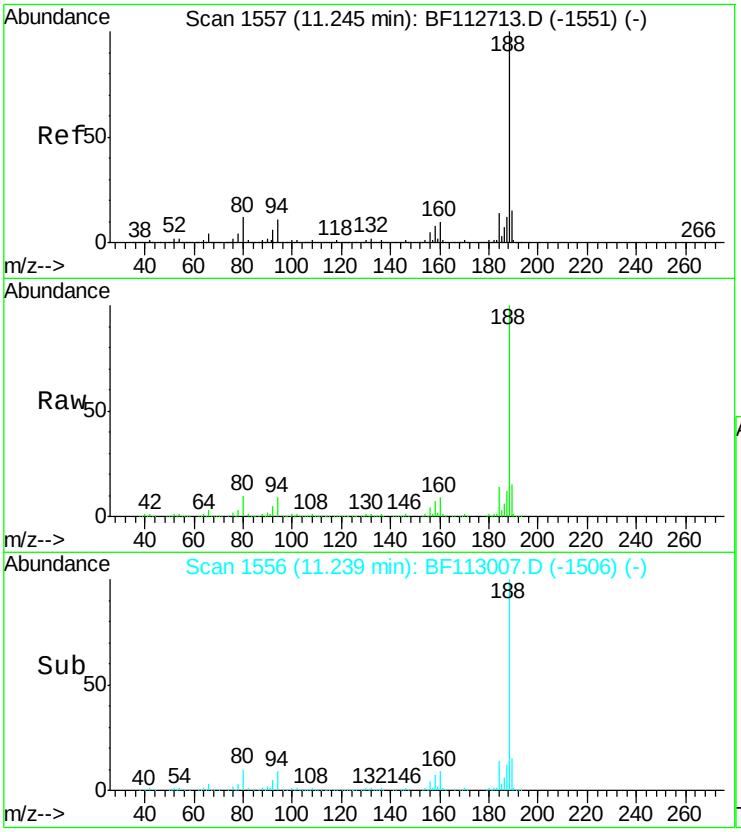


#57
2,4-Dinitrotoluene
Concen: 7.101 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:165 Resp: 43017

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.2	63.2#
89	1.9	66.2	99.4#
182	1.1	1.8	2.6#



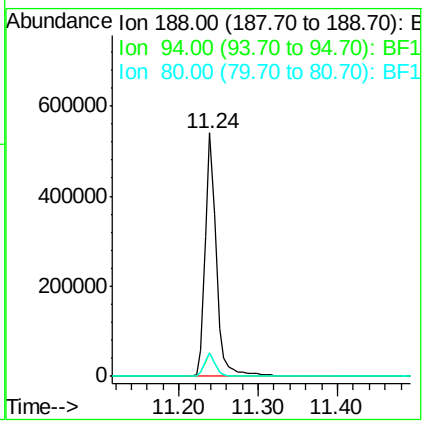


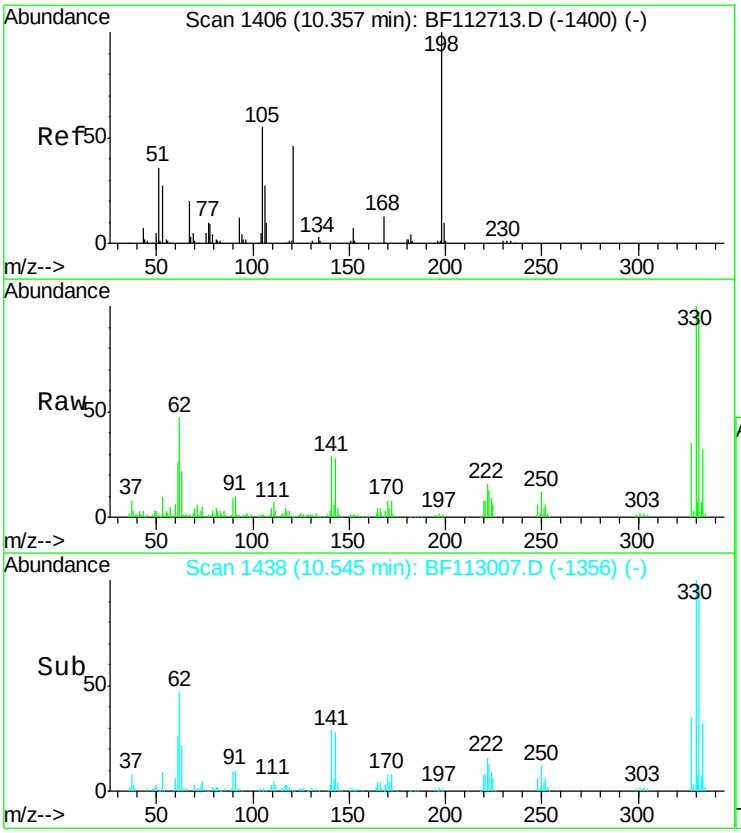
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:188 Resp: 535542

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.8	9.2	13.8

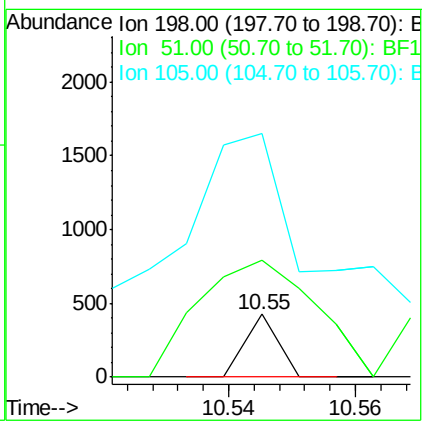


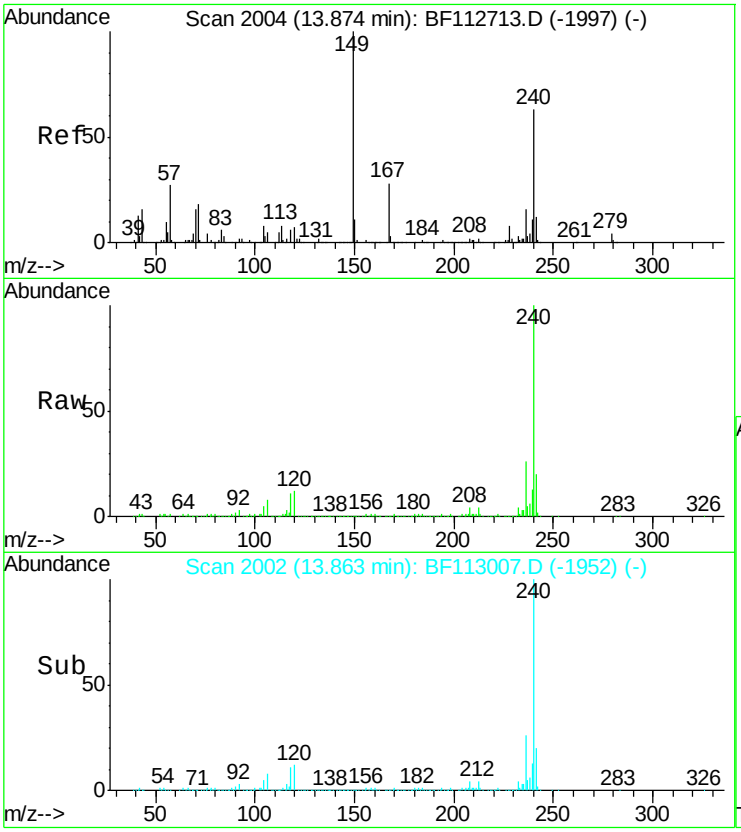


#65
4,6-Dinitro-2-methylphenol
Concen: 4.674 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:198 Resp: 150

Ion	Ratio	Lower	Upper
198	100		
51	185.9	43.8	83.8#
105	387.6	36.5	76.5#



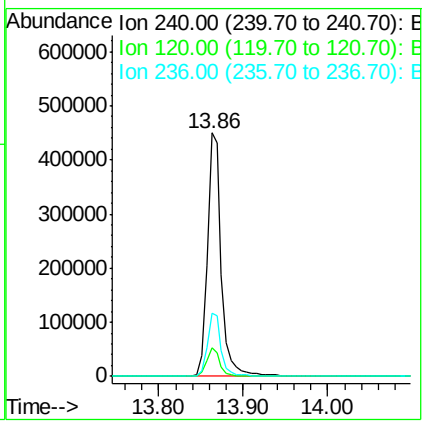


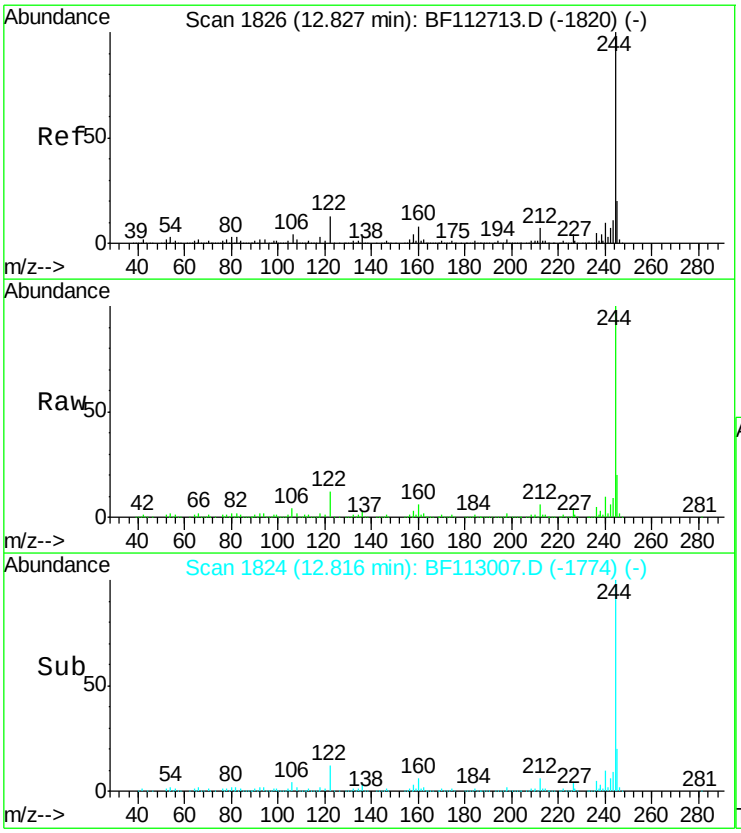
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:240 Resp: 520916

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	26.0	20.7	31.1

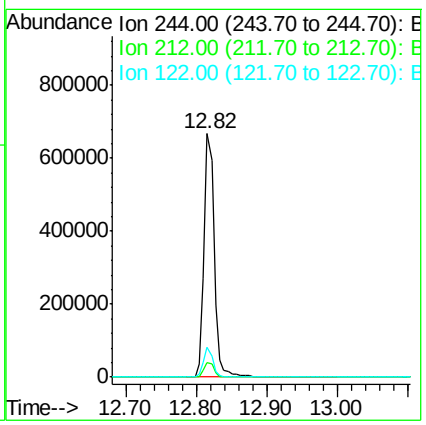


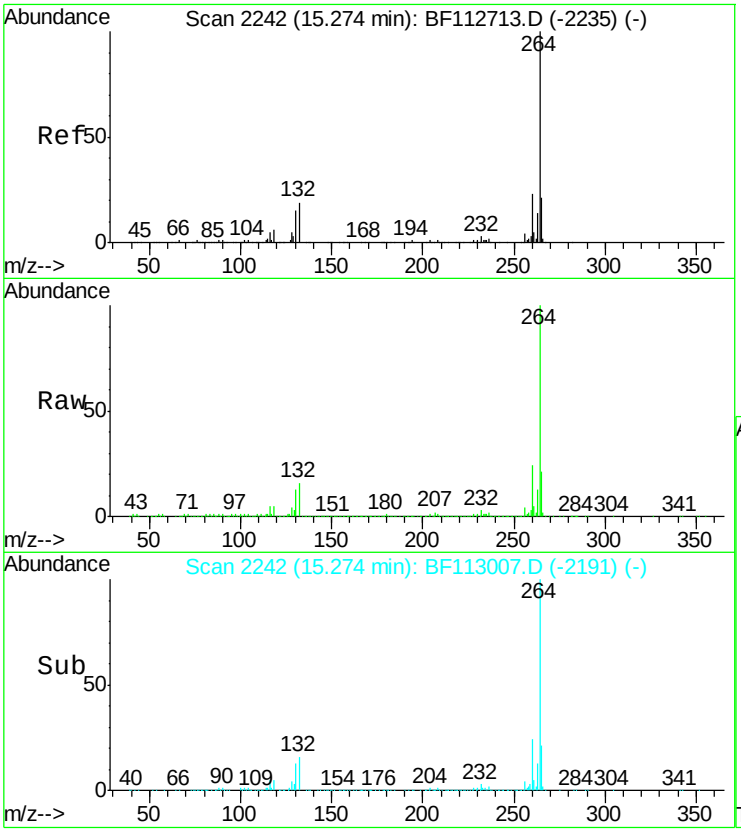


#79
Terphenyl-d14
Concen: 24.945 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Tgt Ion:244 Resp: 670329

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	12.1	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113007.D
Acq: 12 Mar 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

Tgt Ion:264 Resp: 531052

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.9	17.2	25.8