Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114442.D
Acq On : 20 May 2019 16:55
Operator : JU/SJ
Sample : K2894-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-0-1RE

Quant Time: May 20 17:22:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	192107	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	760104	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	355385	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	710236	20.00	ng	0.00
76) Chrysene-d12	13.99	240	510189	20.00	ng	-0.01
87) Perylene-d12	15.46	264	506754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	388770	32.57	ng	-0.01
7) Phenol-d6	6.47	99	636613	45.09	ng	-0.02
23) Nitrobenzene-d5	7.39	82	358305	26.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	227607	61.95	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	791404	33.69	ng	-0.01
79) Terphenyl-d14	12.93	244	993175	40.13	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	45049	5.034	ng	# 76
25) Isophorone	7.39	82	358303	14.264	ng	# 64
32) Benzoic acid	8.11	122	161	7.039	ng	# 1
50) Dimethylphthalate	9.58	163	116167	4.453	ng	98
51) 2,6-Dinitrotoluene	9.86	165	46793	8.087	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	46793	5.958	ng	# 25
71) Phenanthrene	11.37	178	73814	2.136	ng	96
75) Fluoranthene	12.56	202	94493	2.539	ng	97
78) Pyrene	12.79	202	87607	2.135	ng	95

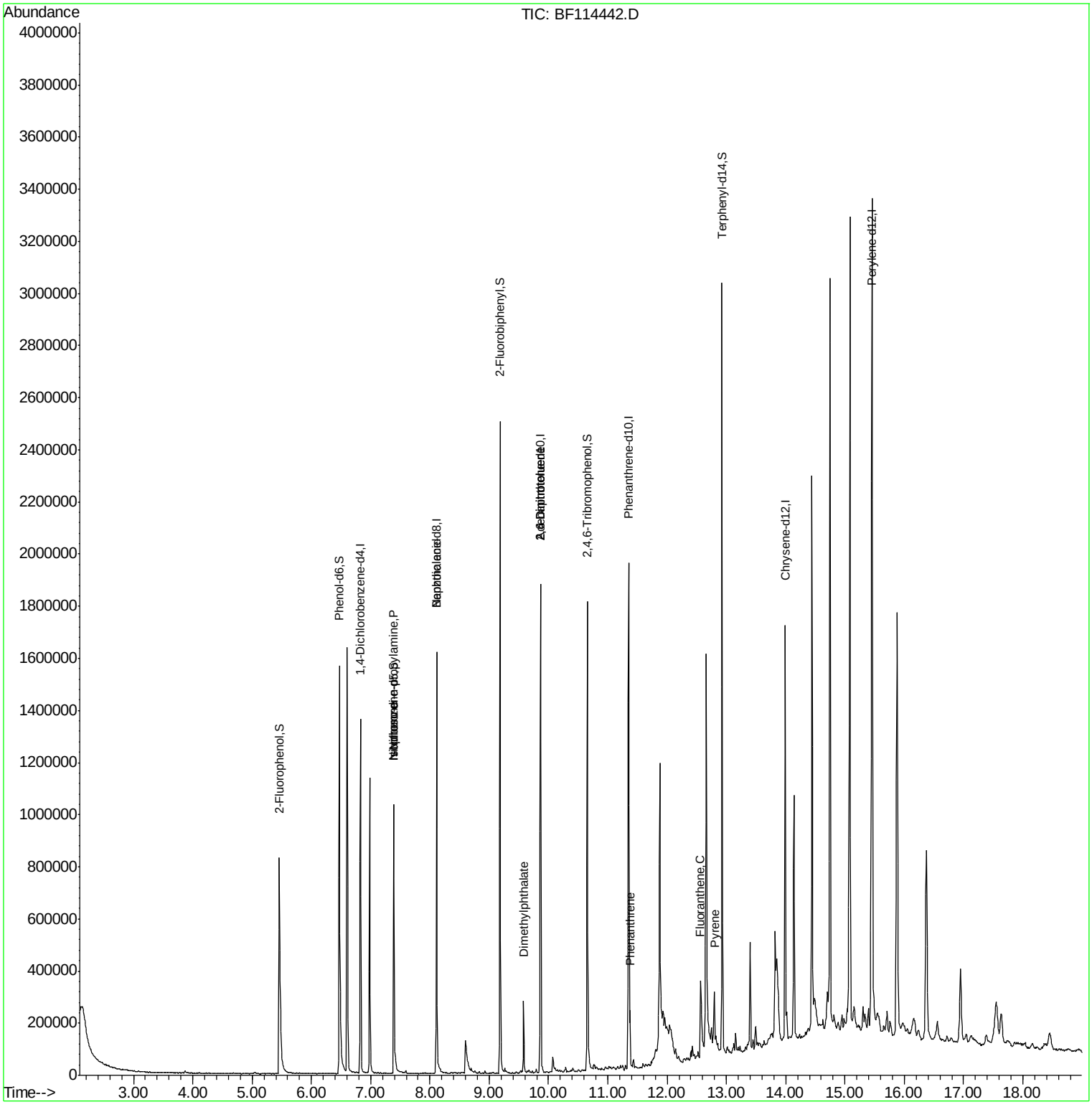
(#) = qualifier out of range (m) = manual integration (+) = signals summed

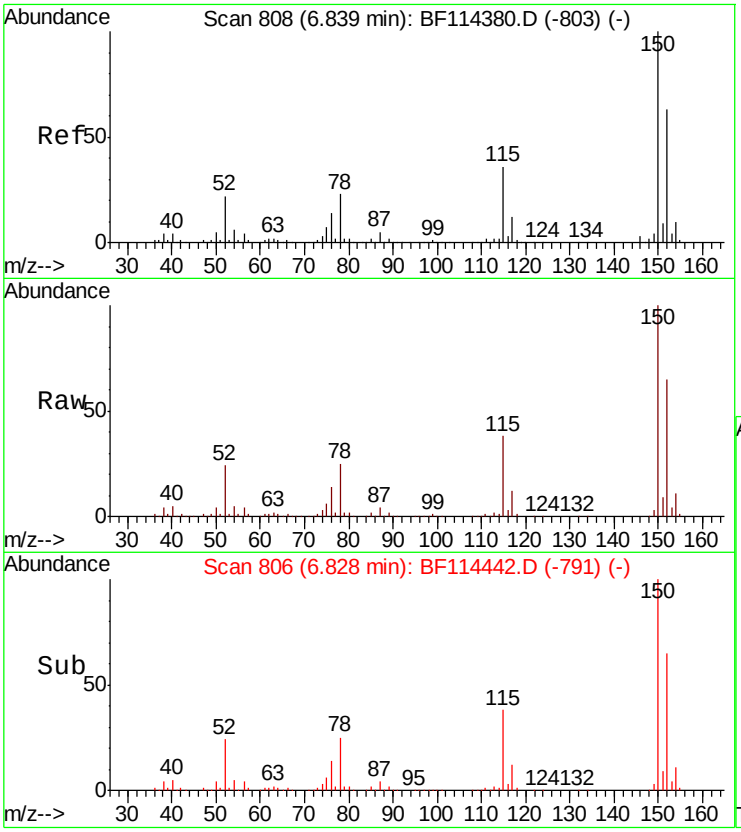
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114442.D
Acq On : 20 May 2019 16:55
Operator : JU/SJ
Sample : K2894-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Quant Time: May 20 17:22:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration



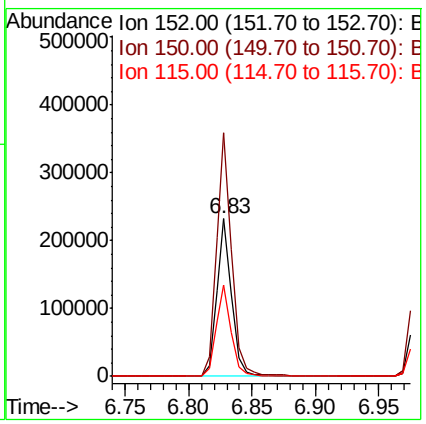


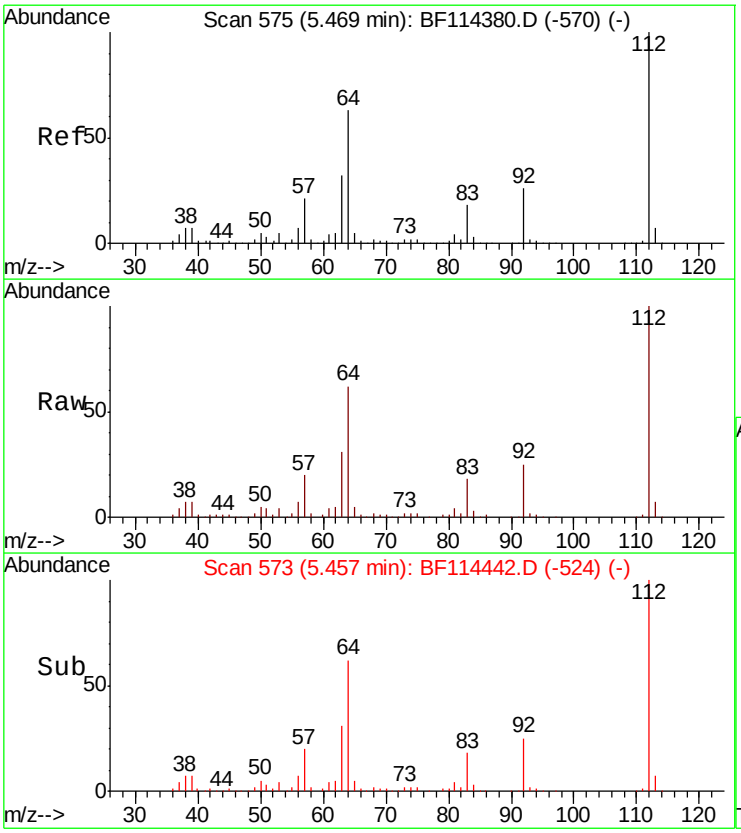
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:152 Resp: 192107

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	58.3	49.1	73.7

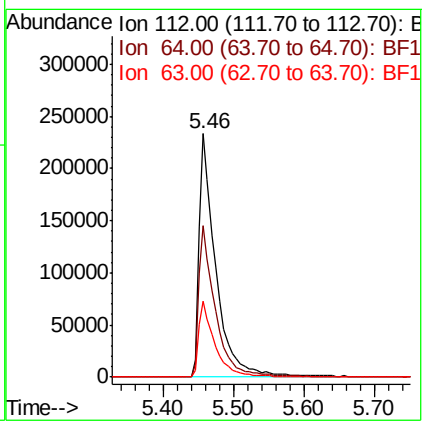


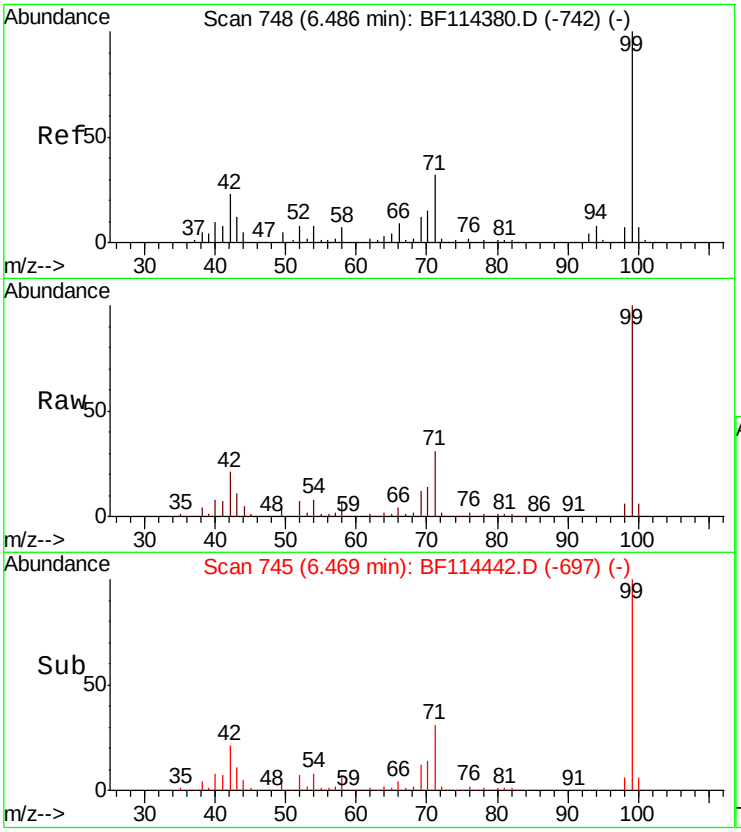


#5
2-Fluorophenol
Concen: 32.567 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:112 Resp: 388770

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.0	73.6
63	31.2	24.6	37.0



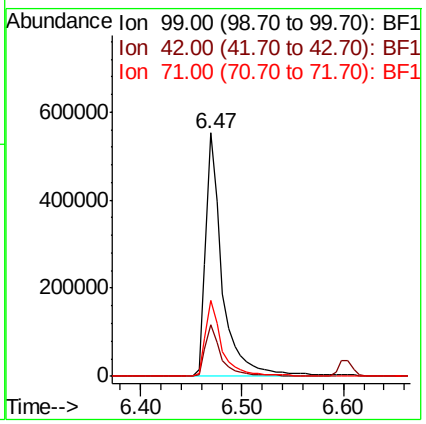


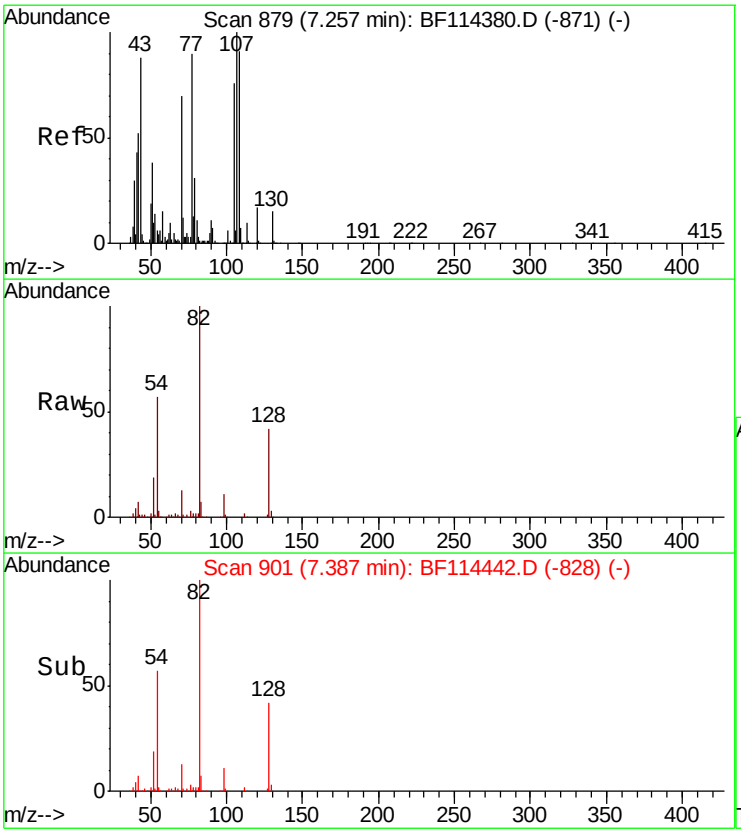
#7
Phenol-d6
Concen: 45.089 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion: 99 Resp: 636613

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	31.4	26.2	39.2

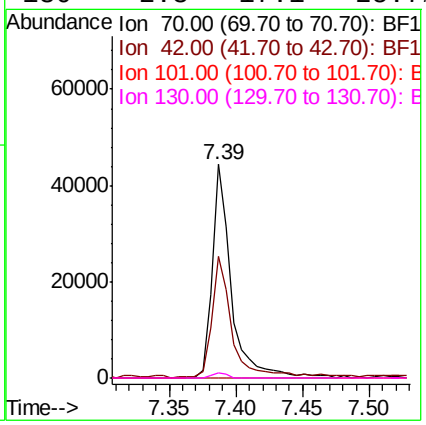


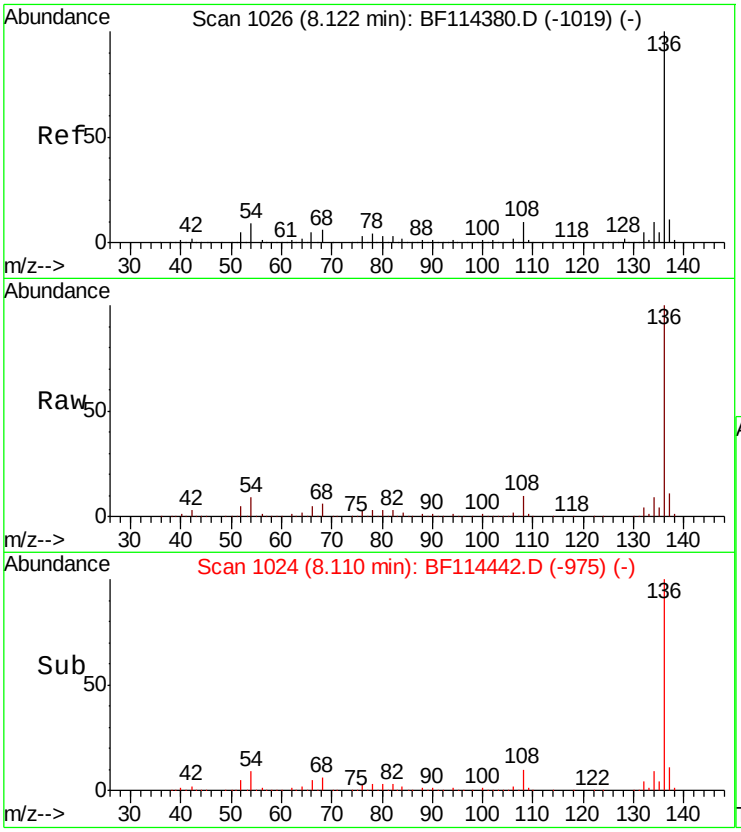


#19
n-Nitroso-di-n-propylamine
Concen: 5.034 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.13 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion: 70 Resp: 45049

Ion	Ratio	Lower	Upper
70	100		
42	56.9	58.6	87.8#
101	0.0	7.8	11.8#
130	2.3	17.1	25.7#



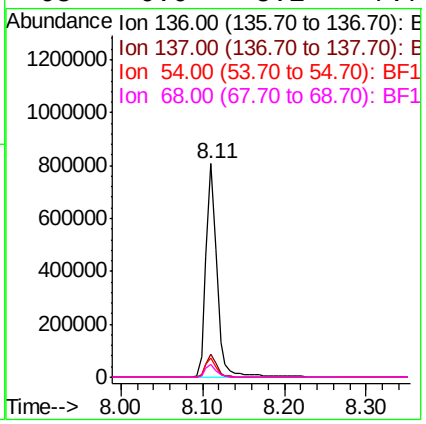


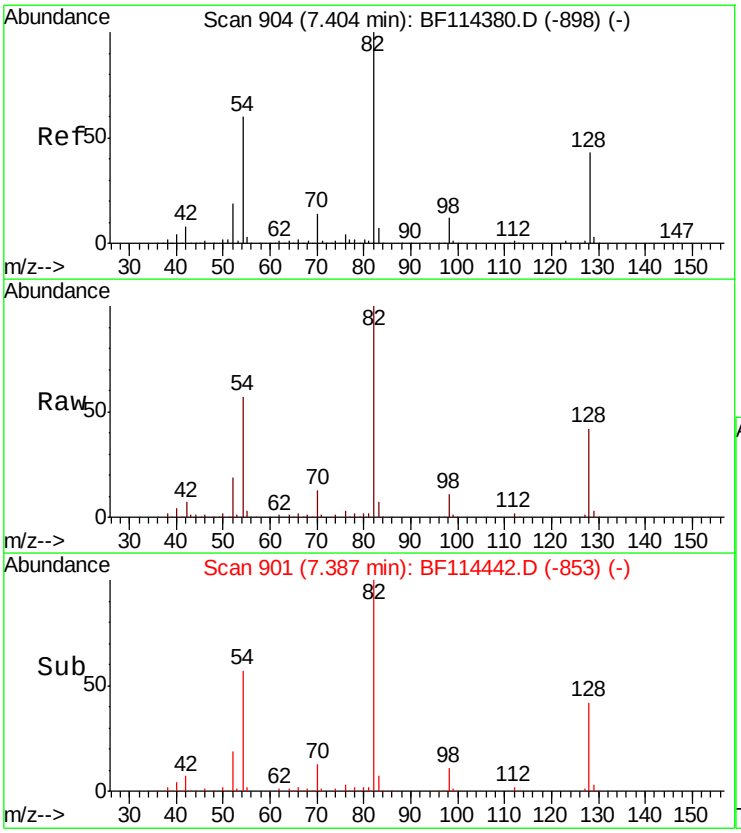
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:136 Resp: 760104

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.3	7.8	11.8
68	6.0	5.1	7.7

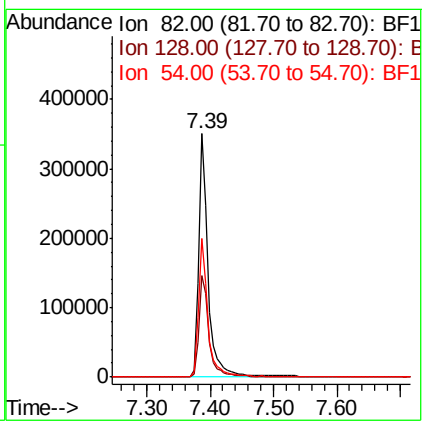


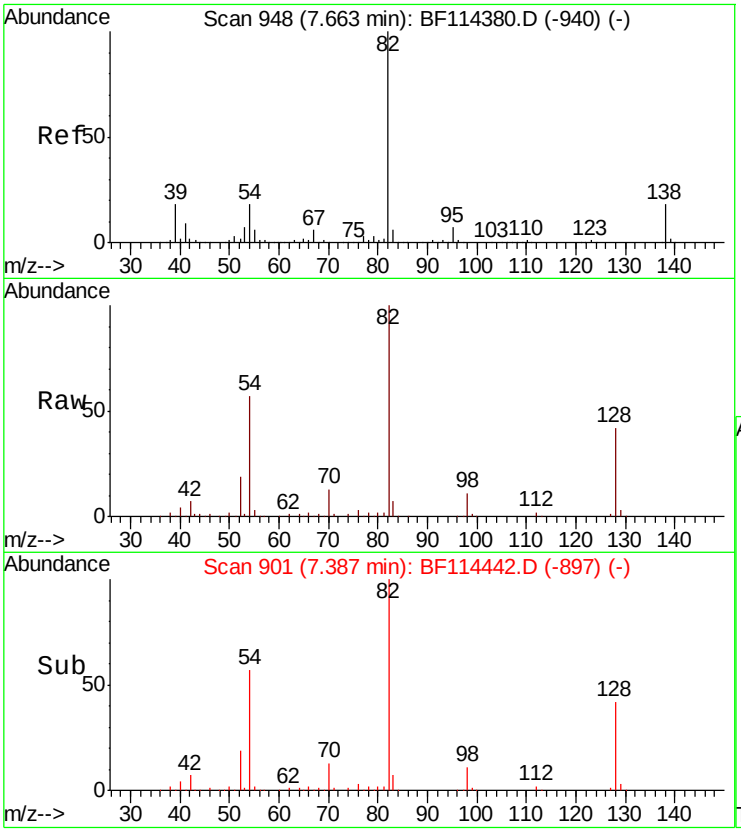


#23
Nitrobenzene-d5
Concen: 26.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion: 82 Resp: 358305

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.5	53.3
54	57.0	48.5	72.7



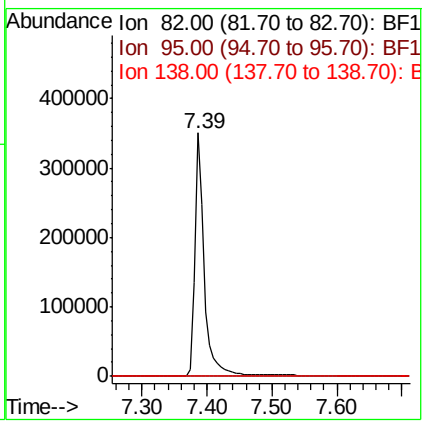


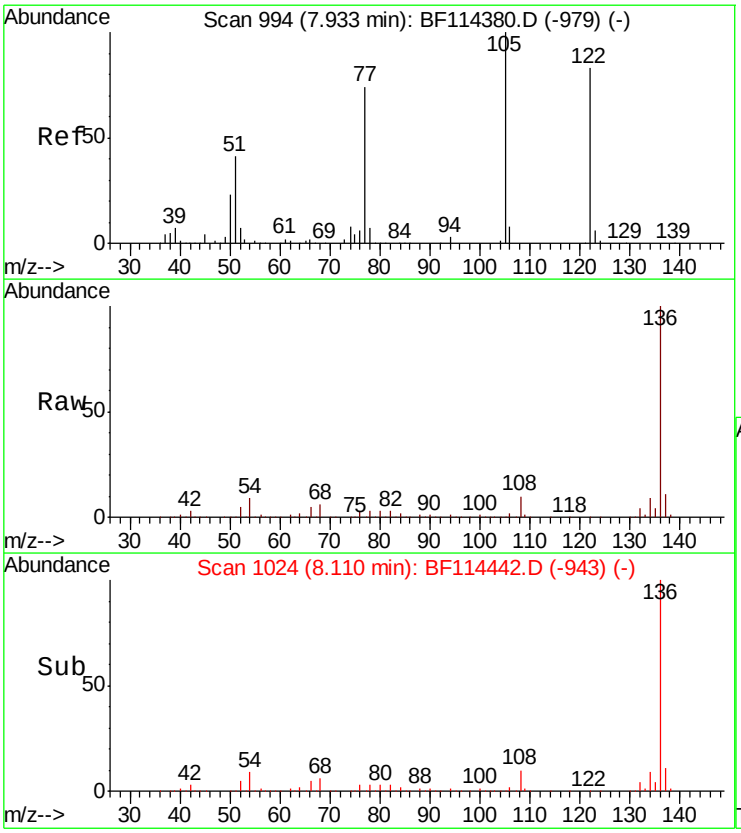
#25
Isophorone
Concen: 14.264 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion: 82 Resp: 358303

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

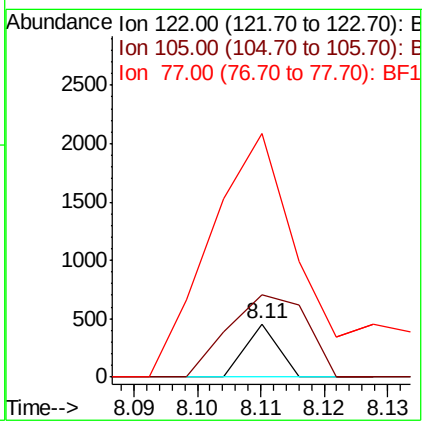


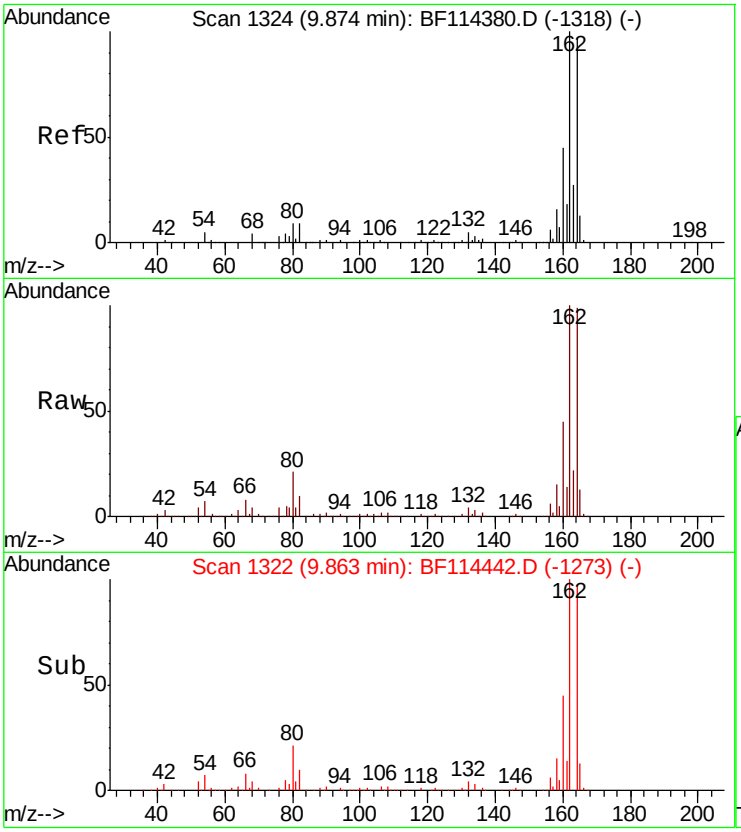


#32
Benzoic acid
Concen: 7.039 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.18 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:122 Resp: 161

Ion	Ratio	Lower	Upper
122	100		
105	153.8	99.9	139.9#
77	458.5	69.4	109.4#



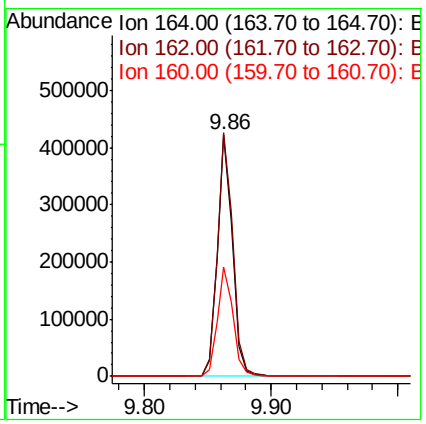


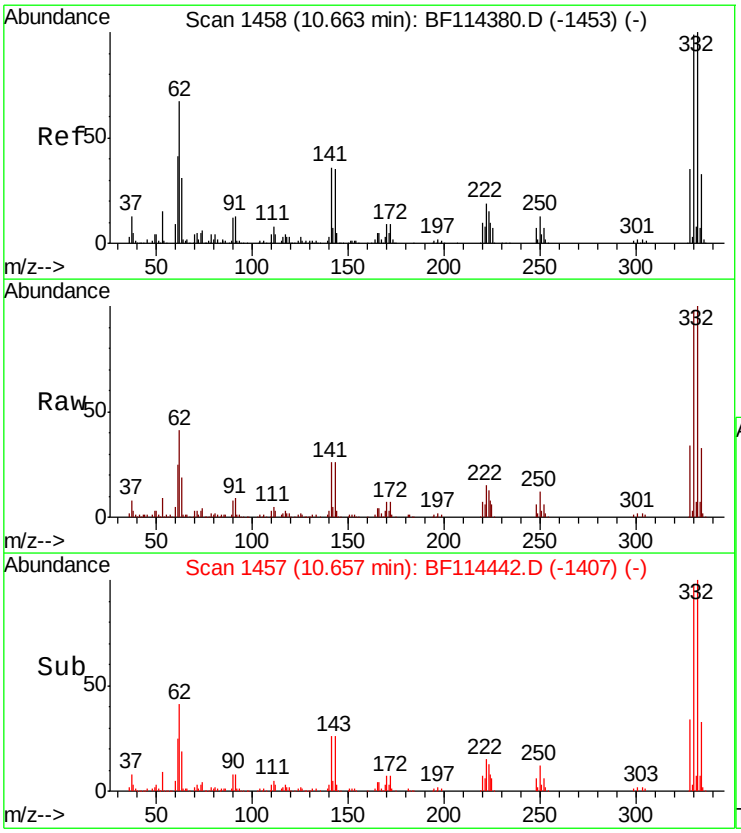
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:164 Resp: 355385

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.2	36.5	54.7

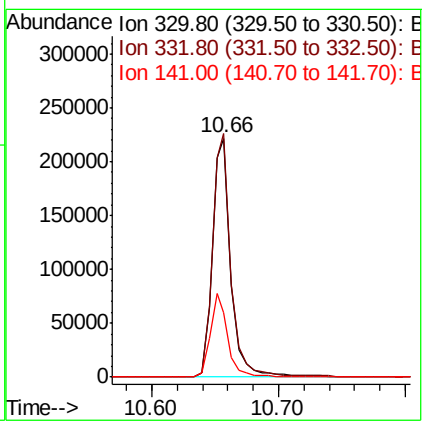


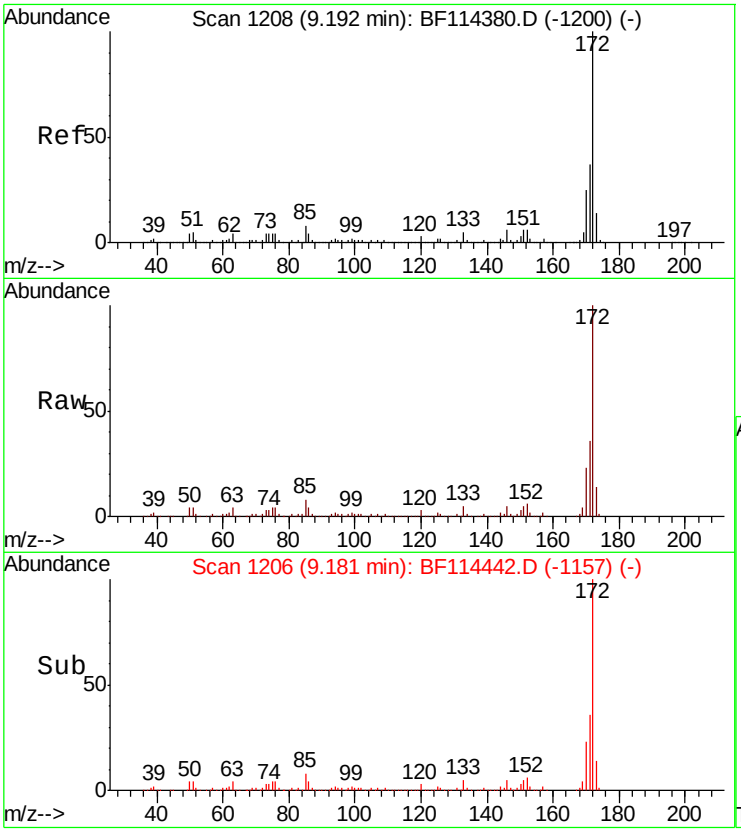


#42
2,4,6-Tribromophenol
Concen: 61.949 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:330 Resp: 227607

Ion	Ratio	Lower	Upper
330	100		
332	102.0	81.4	122.2
141	33.4	26.6	40.0



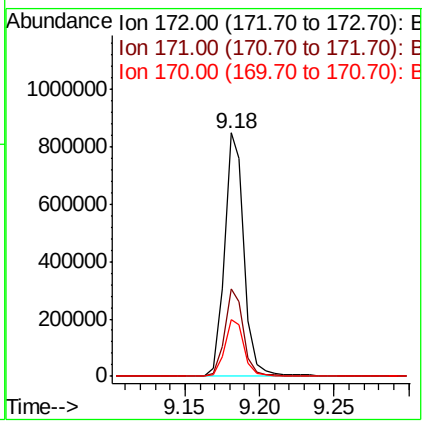


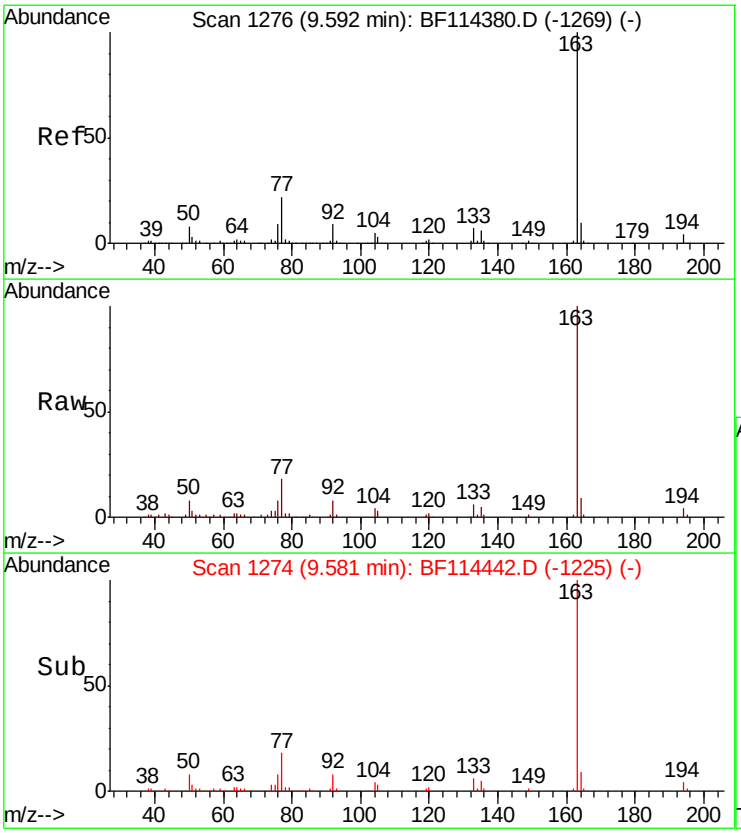
#45
2-Fluorobiphenyl
Concen: 33.685 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:172 Resp: 791404

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	23.1	20.5	30.7

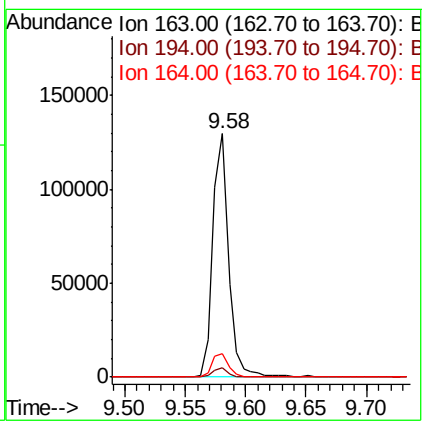


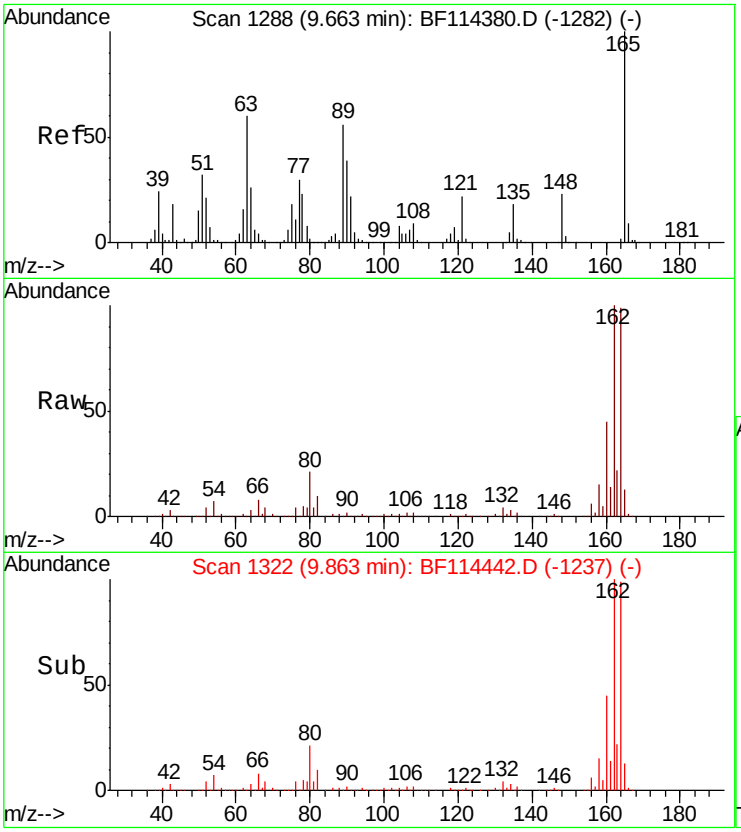


#50
Dimethylphthalate
Concen: 4.453 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:163 Resp: 116167

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.4	8.2	12.2



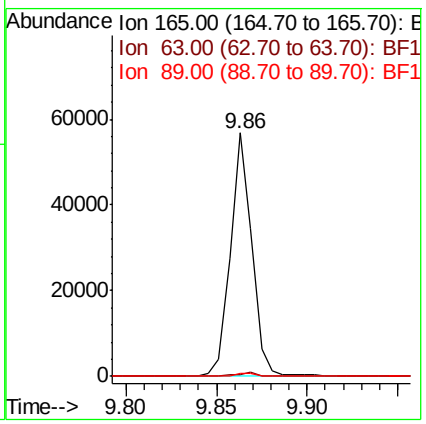


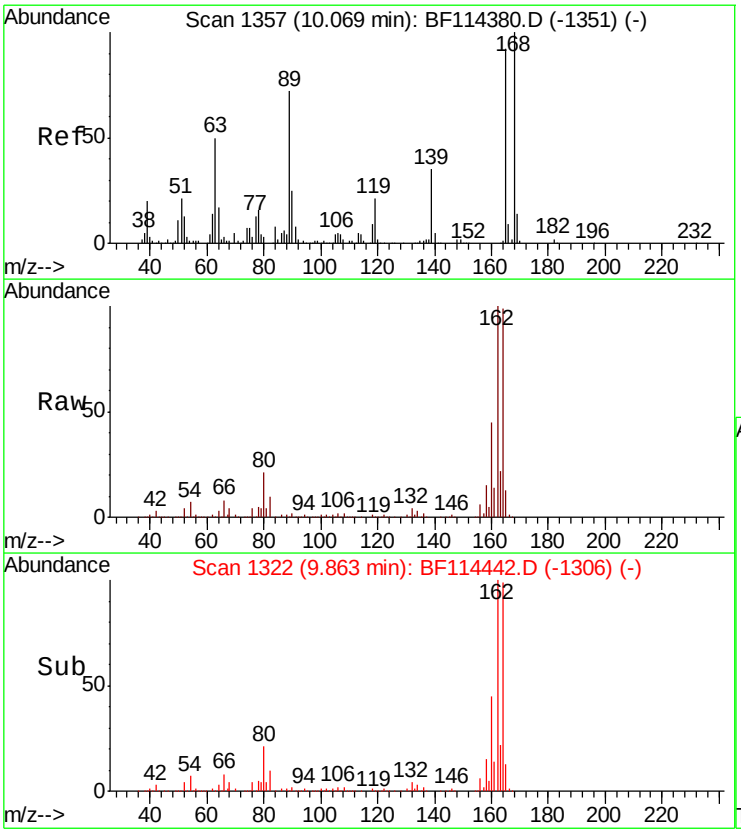
#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.20 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:165 Resp: 46793

Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.2	75.4#
89	1.3	46.6	69.8#

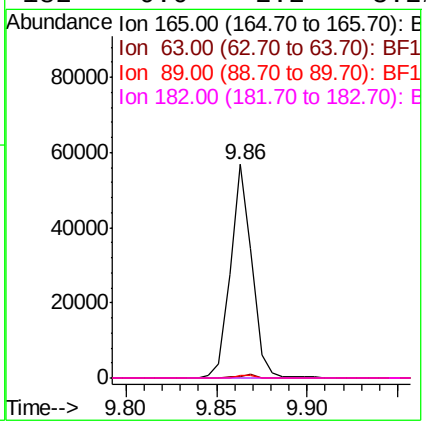


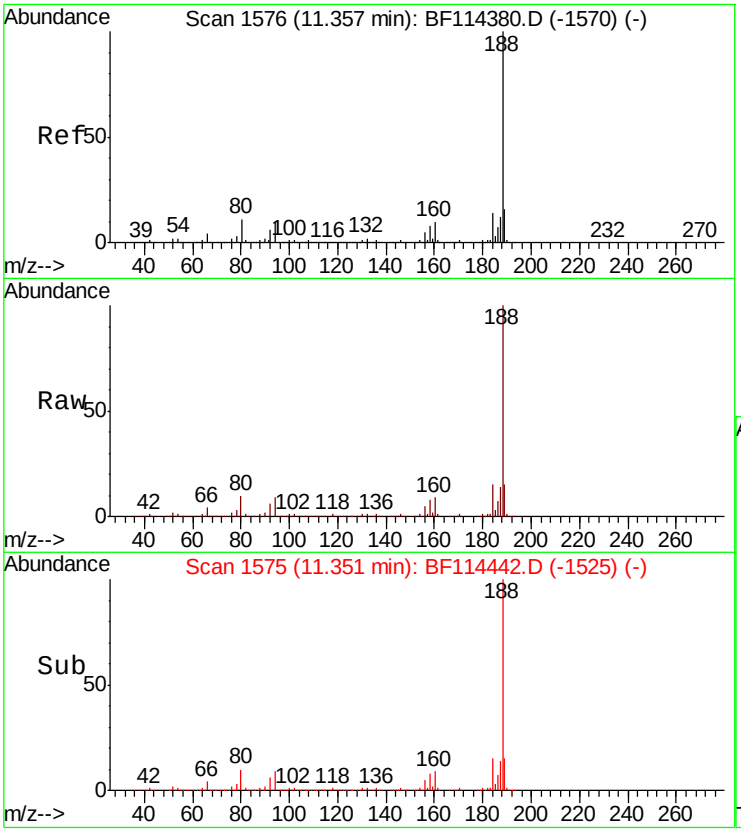


#57
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:165 Resp: 46793

Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



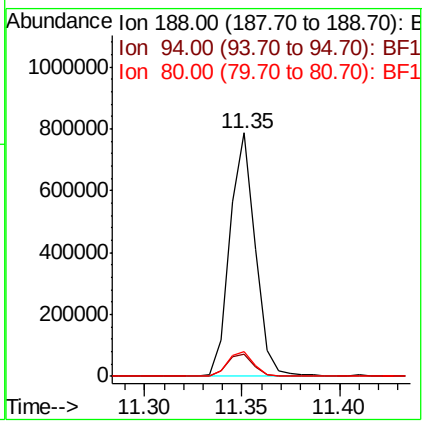


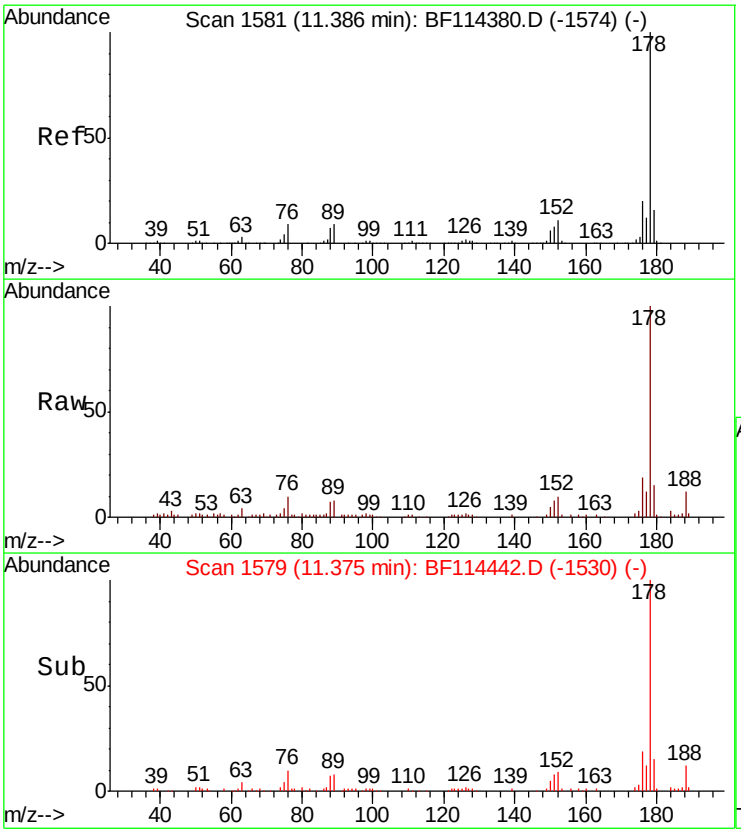
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:188 Resp: 710236

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	10.2	9.2	13.8

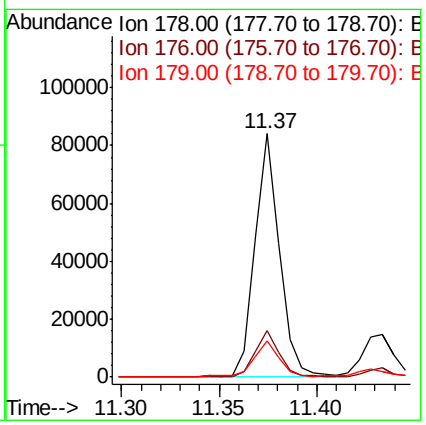


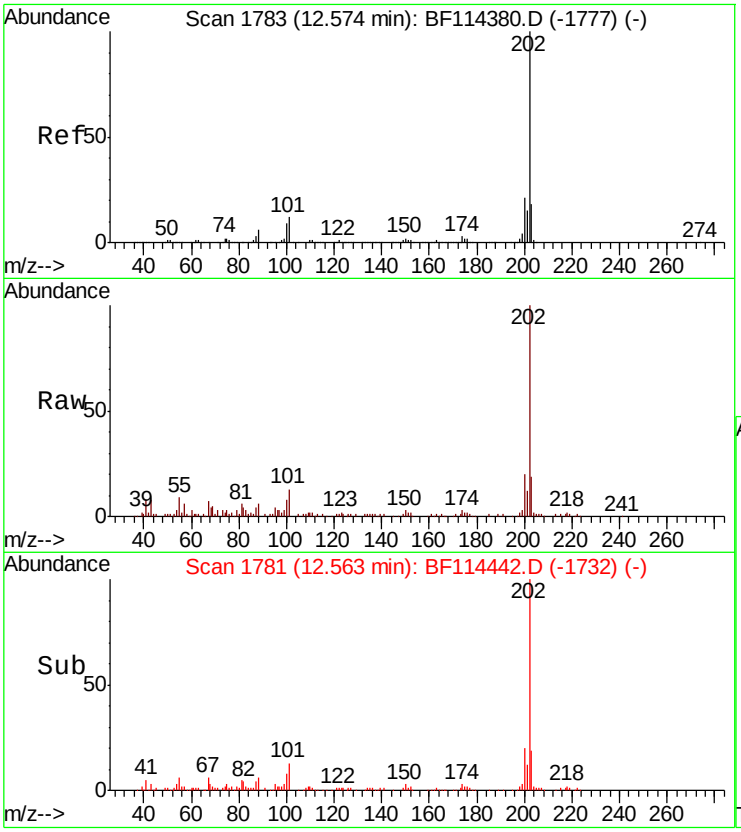


#71
Phenanthrene
Concen: 2.136 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:178 Resp: 73814

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	14.7	13.2	19.8



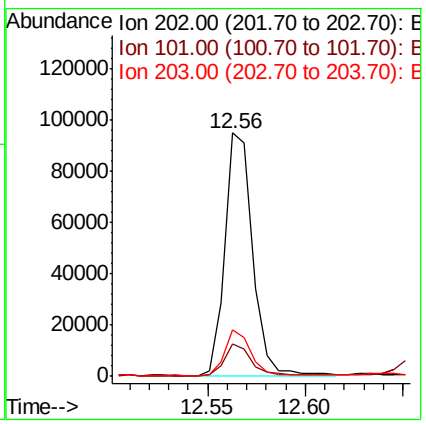


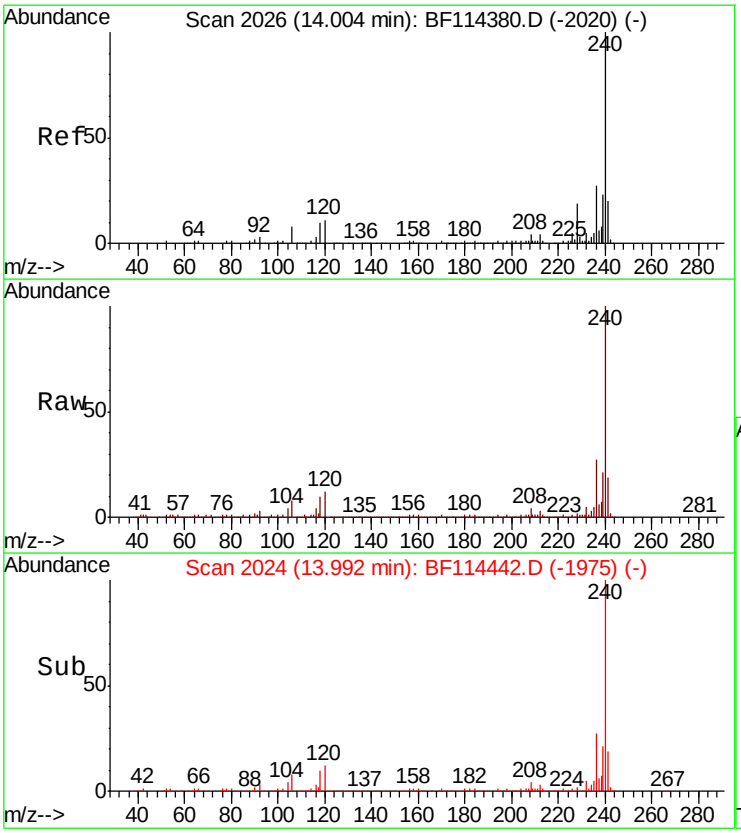
#75
Fluoranthene
Concen: 2.539 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:202 Resp: 94493

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.0
203	18.8	0.0	38.4

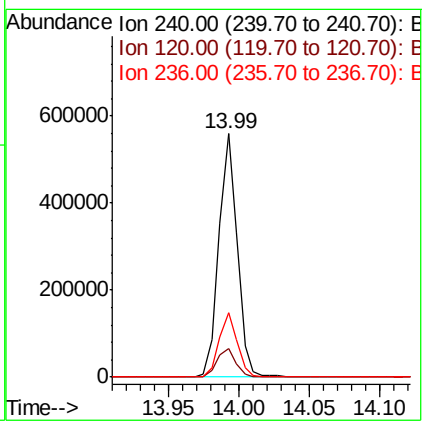


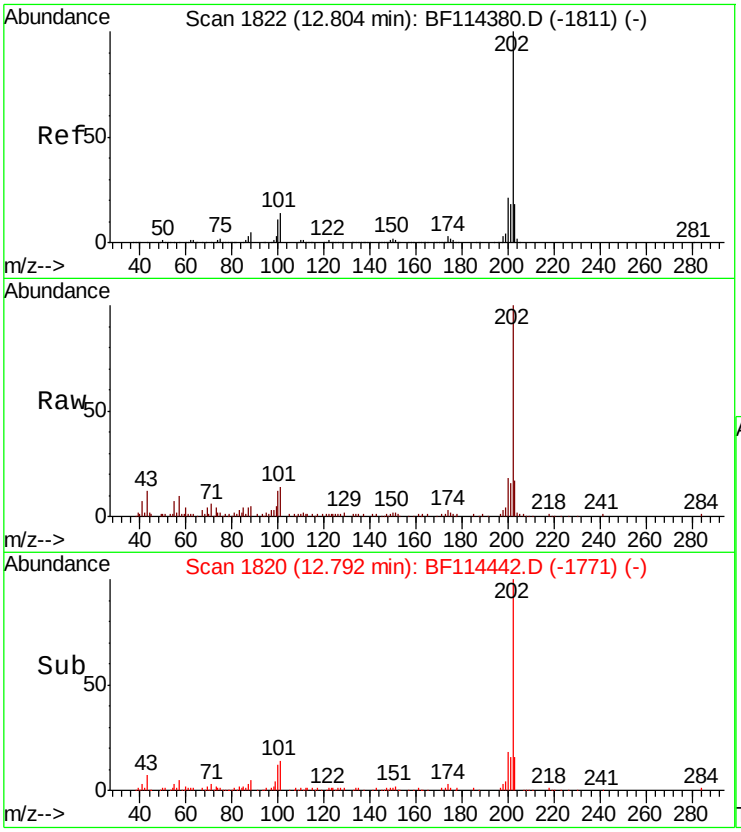


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:240 Resp: 510189

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.7	20.8	31.2



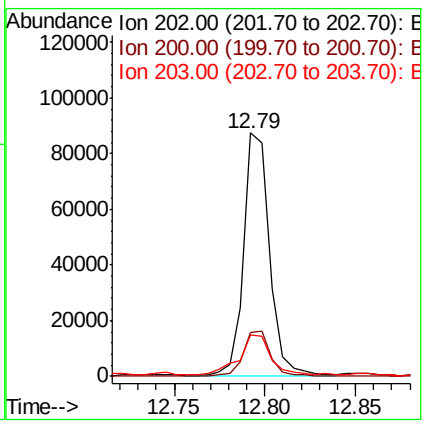


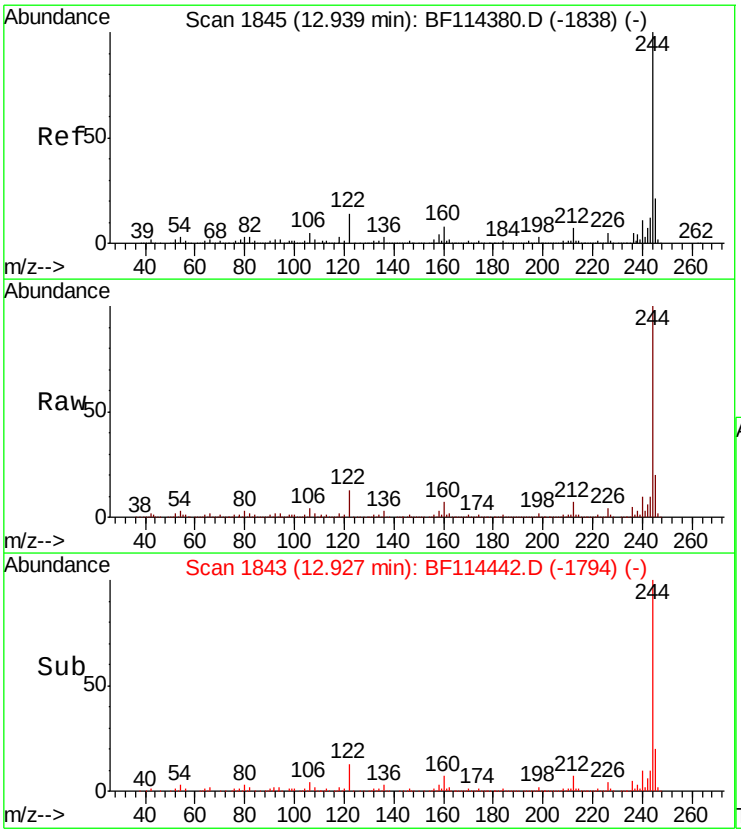
#78
Pyrene
Concen: 2.135 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tgt Ion:202 Resp: 87607

Ion	Ratio	Lower	Upper
202	100		
200	17.8	16.9	25.3
203	17.1	14.5	21.7

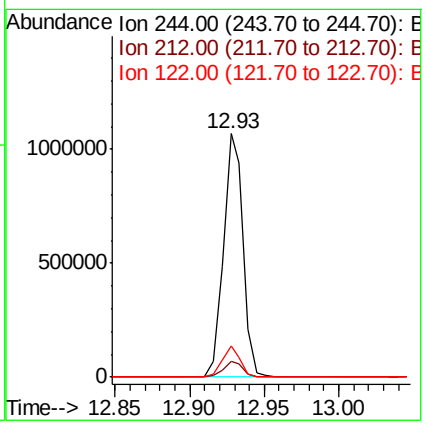


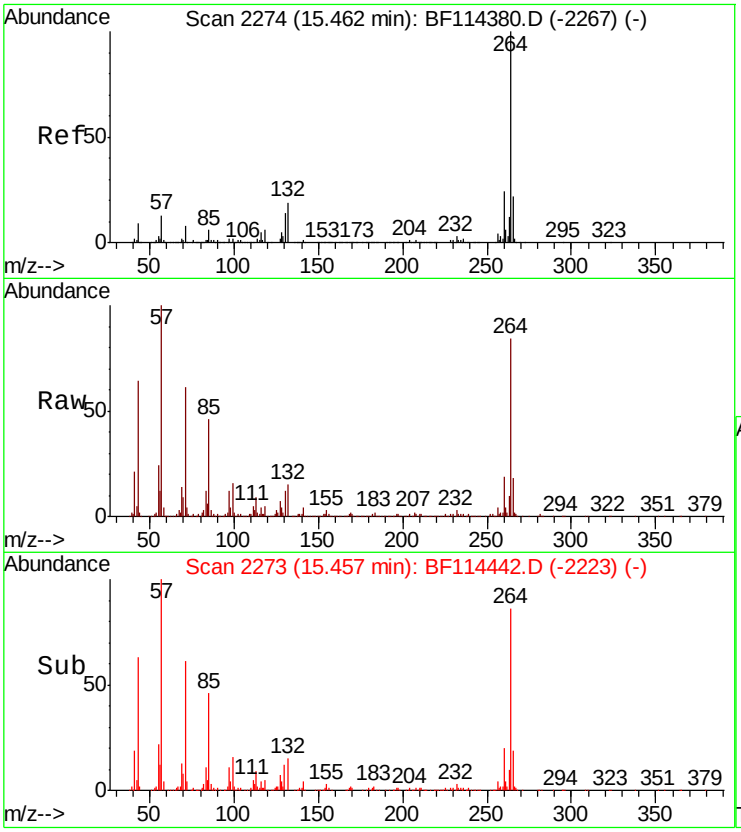


#79
Terphenyl-d14
Concen: 40.129 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:244 Resp: 993175

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.0	9.4	14.2

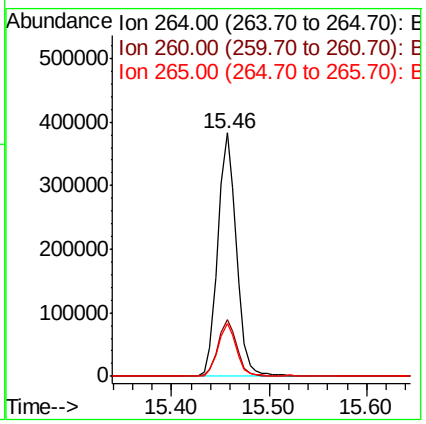




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion:264 Resp: 506754

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.8	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE