Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116452.D
Acq On : 21 Aug 2019 1:21
Operator : HP/JU
Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 21 06:56:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	80092	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	335536	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	182327	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	346182	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	275050	20.00	ng	-0.01
87) Perylene-d12	15.42	264	256447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	74546	15.58	ng	0.04
7) Phenol-d6	6.47	99	117316	19.44	ng	0.01
23) Nitrobenzene-d5	7.39	82	68477	11.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	28986	16.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	141911	14.58	ng	-0.01
79) Terphenyl-d14	12.90	244	182802	14.00	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	8588	2.296	ng	# 83
25) Isophorone	7.39	82	68477	6.161	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	23530	8.722	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	23530	6.551	ng	# 20

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

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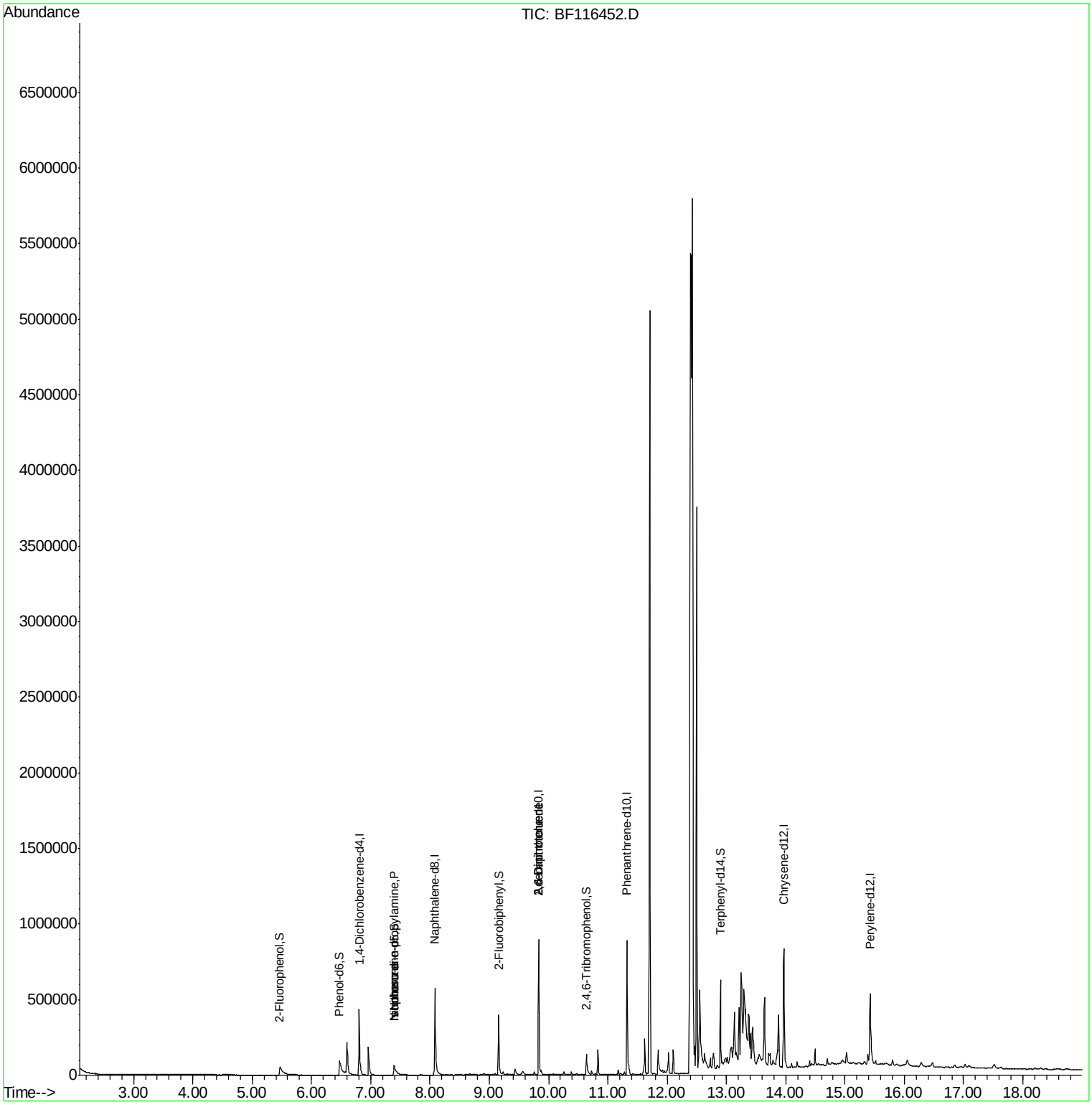
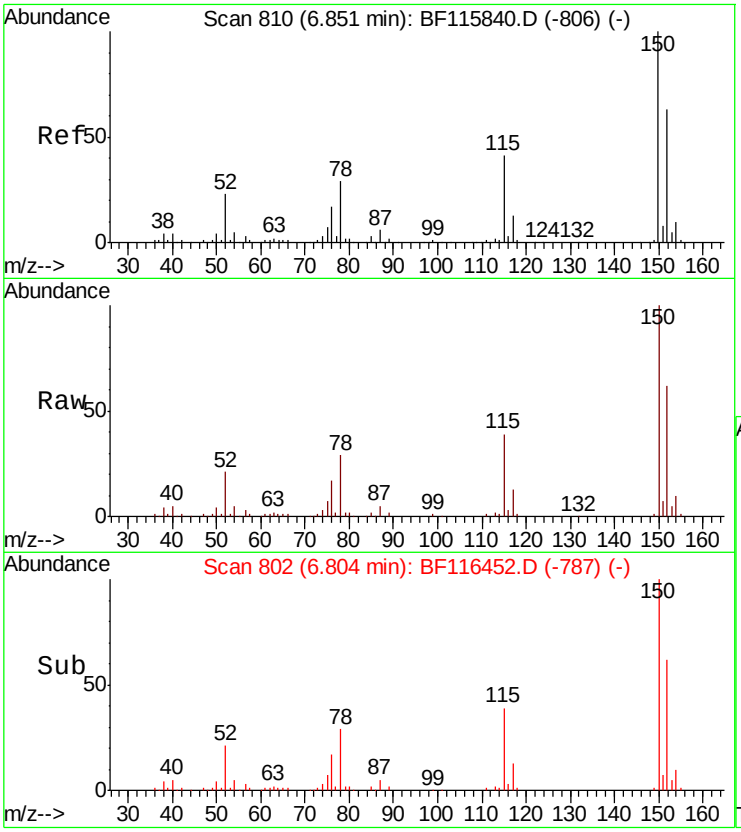


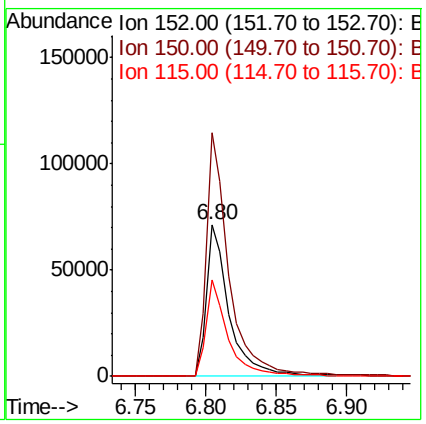


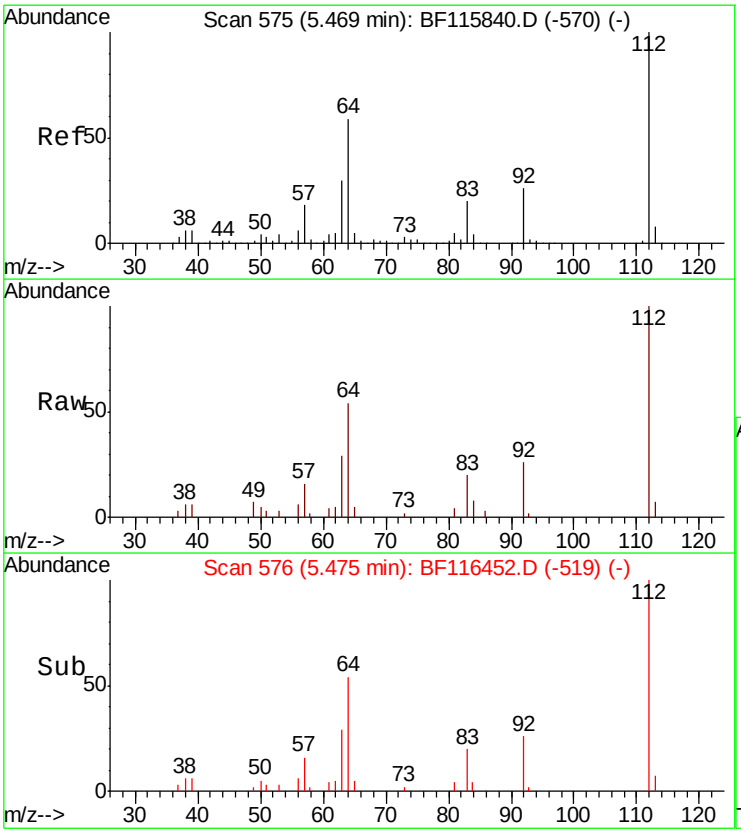
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80092

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	63.5	49.9	74.9

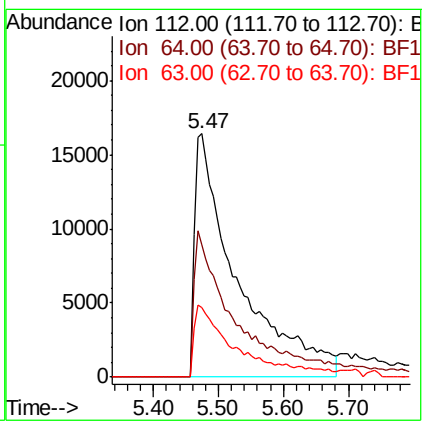


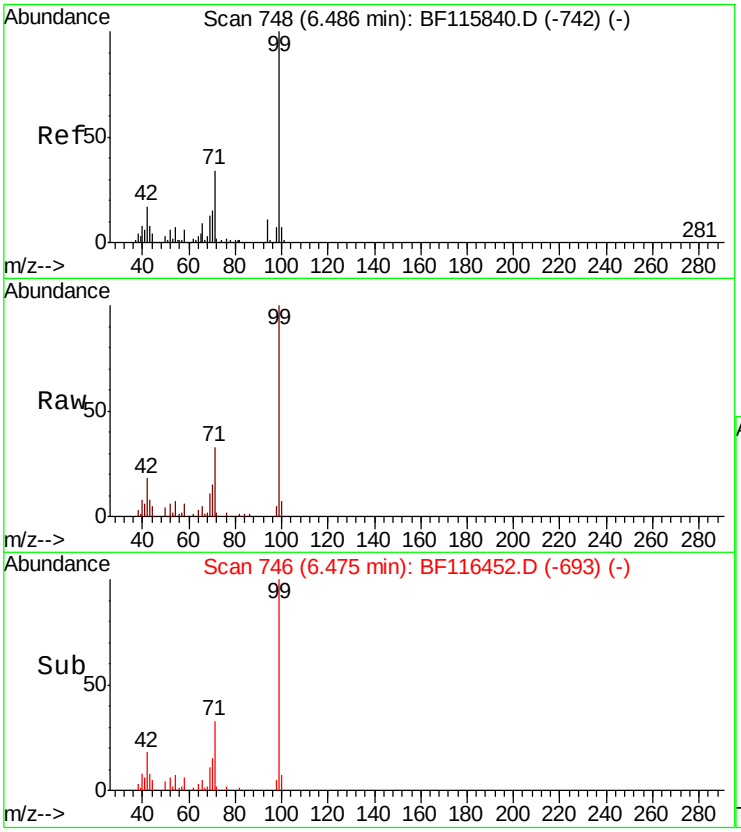


#5
2-Fluorophenol
Concen: 15.581 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.04 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:112 Resp: 74546

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.4	68.2
63	28.5	23.7	35.5



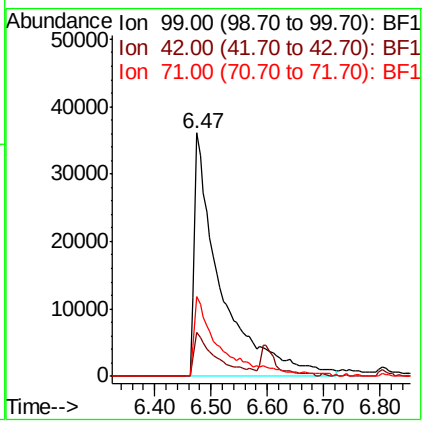


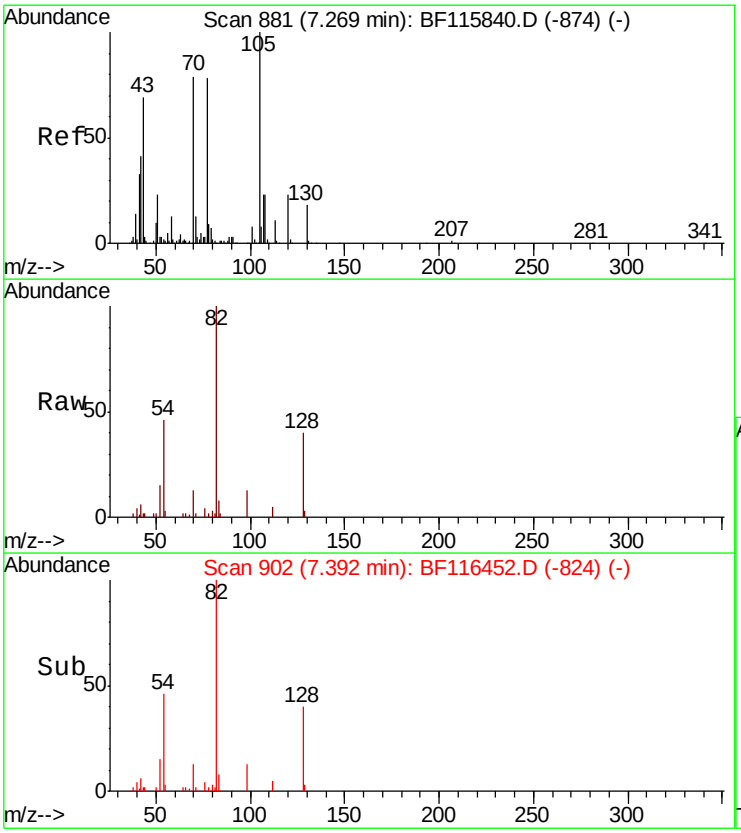
#7
Phenol-d6
Concen: 19.435 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 117316

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.8
71	32.8	27.3	40.9

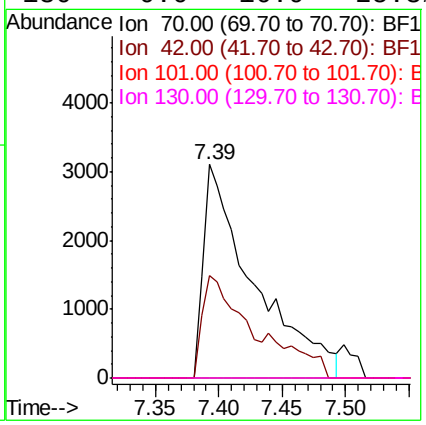


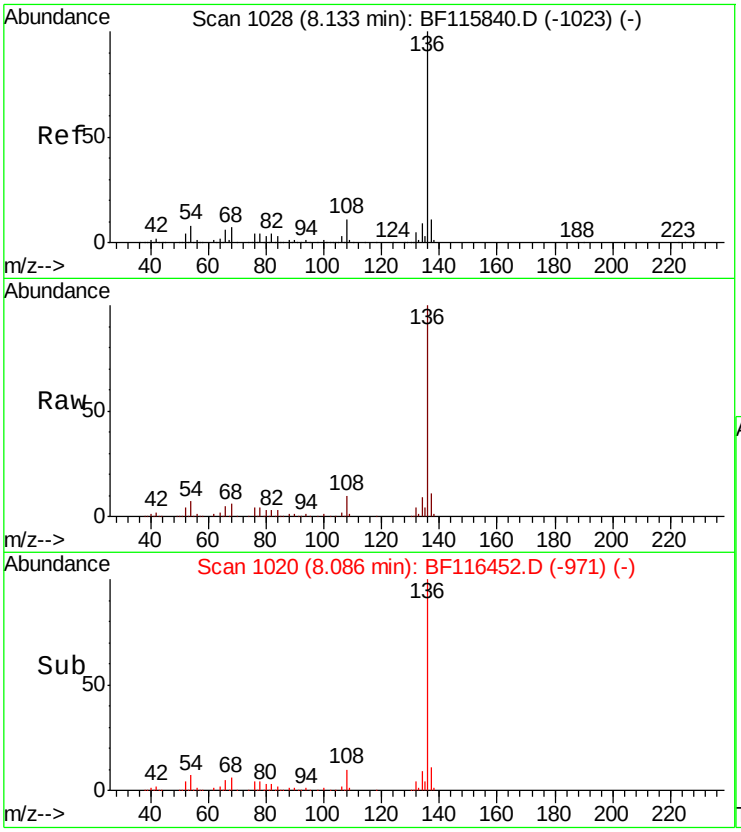


#19
n-Nitroso-di-n-propylamine
Concen: 2.296 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.16 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion: 70 Resp: 8588

Ion	Ratio	Lower	Upper
70	100		
42	48.2	40.9	61.3
101	0.0	7.9	11.9#
130	0.0	16.9	25.3#



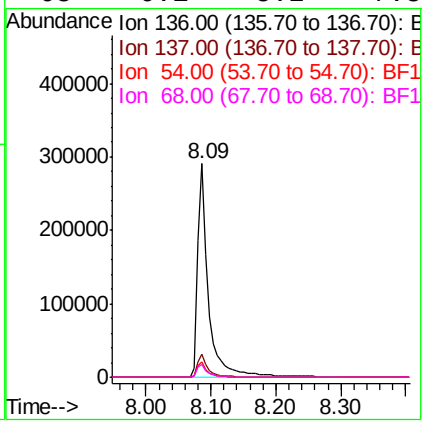


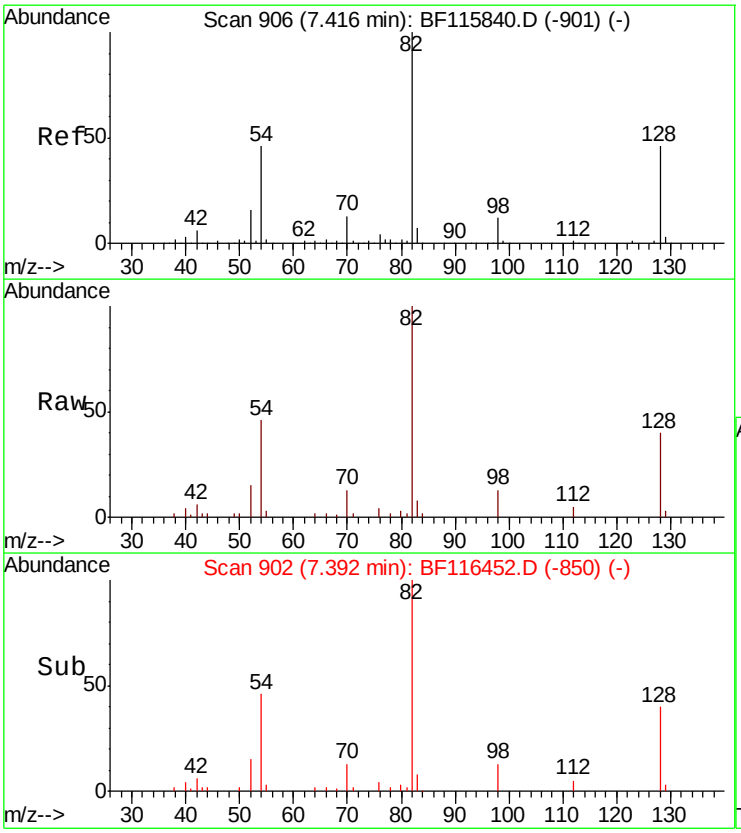
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 335536

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.2	5.8	8.6
68	6.1	5.2	7.8

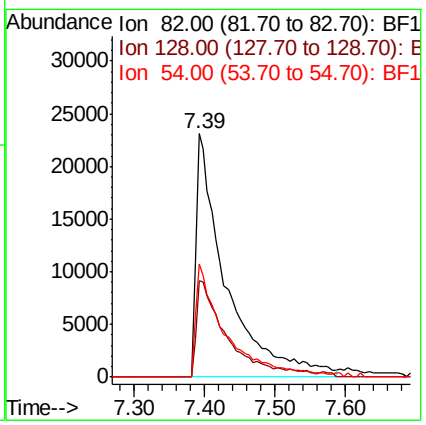


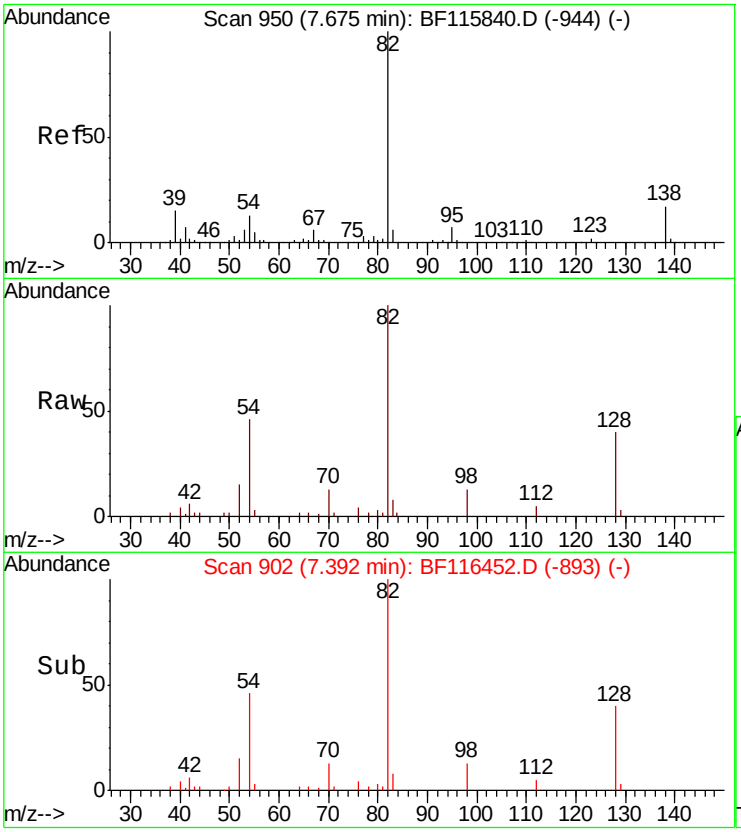


#23
Nitrobenzene-d5
Concen: 11.780 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion: 82 Resp: 68477

Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.5	54.7
54	46.4	36.0	54.0



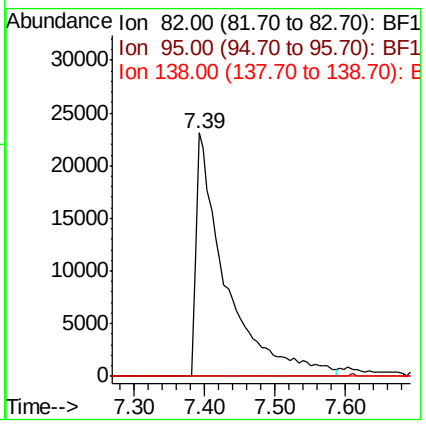


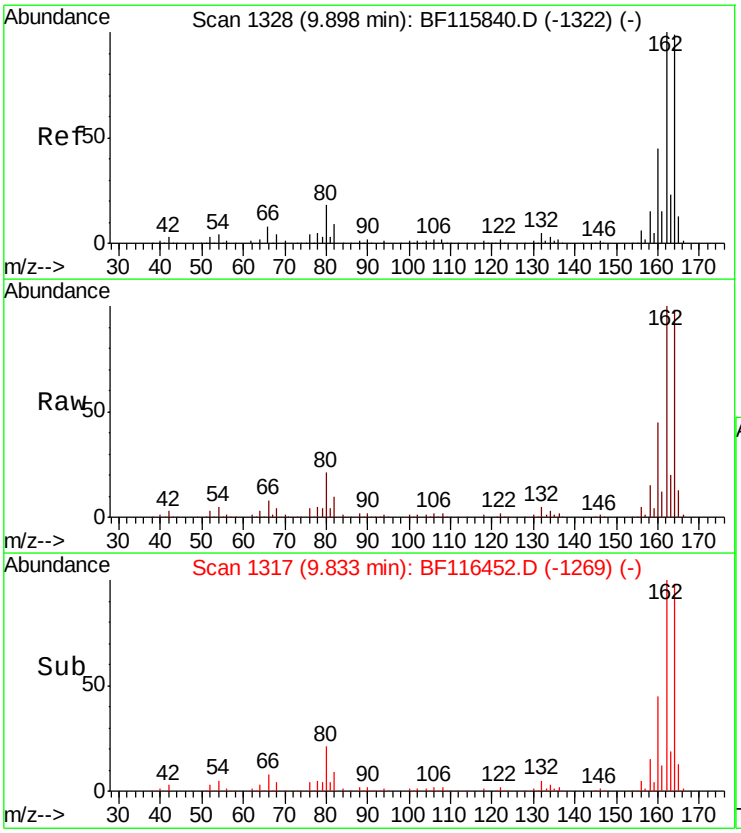
#25
Isophorone
Concen: 6.161 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.25 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 68477

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

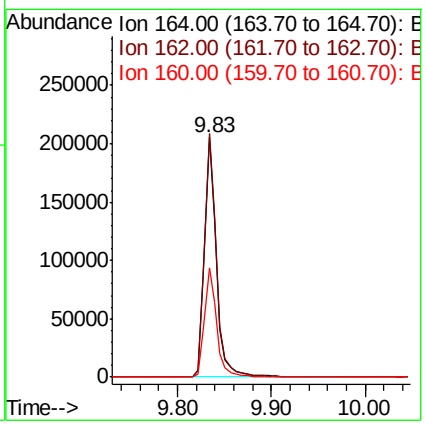


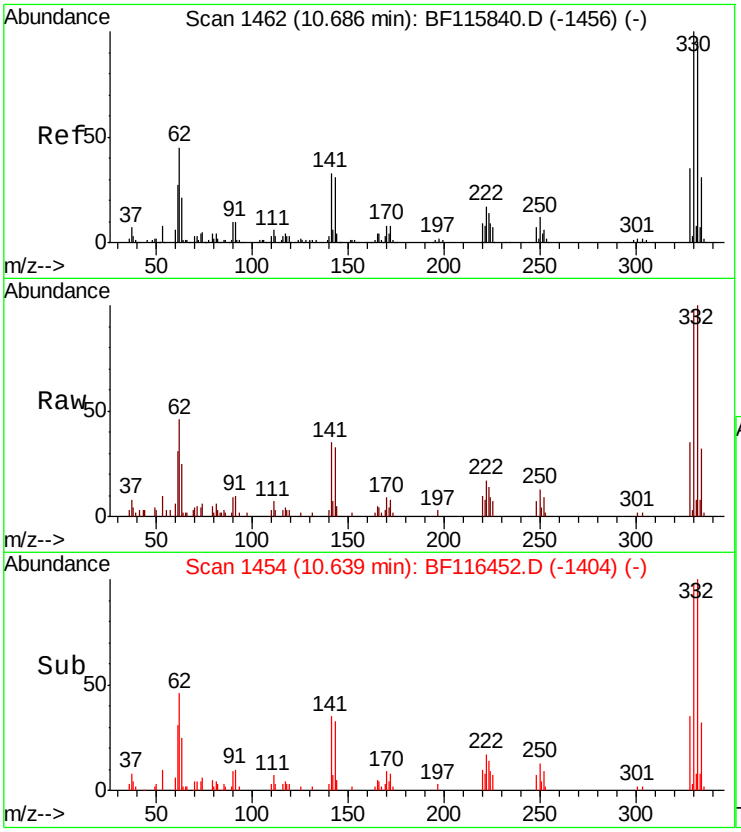


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:164 Resp: 182327

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.5	37.6	56.4



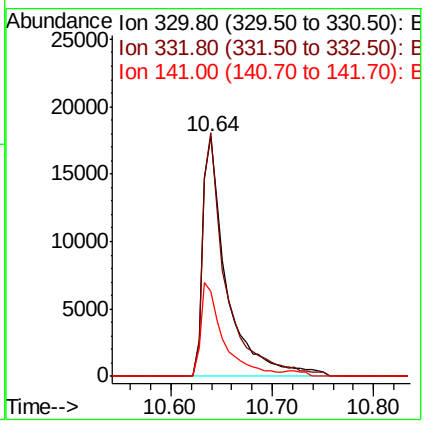


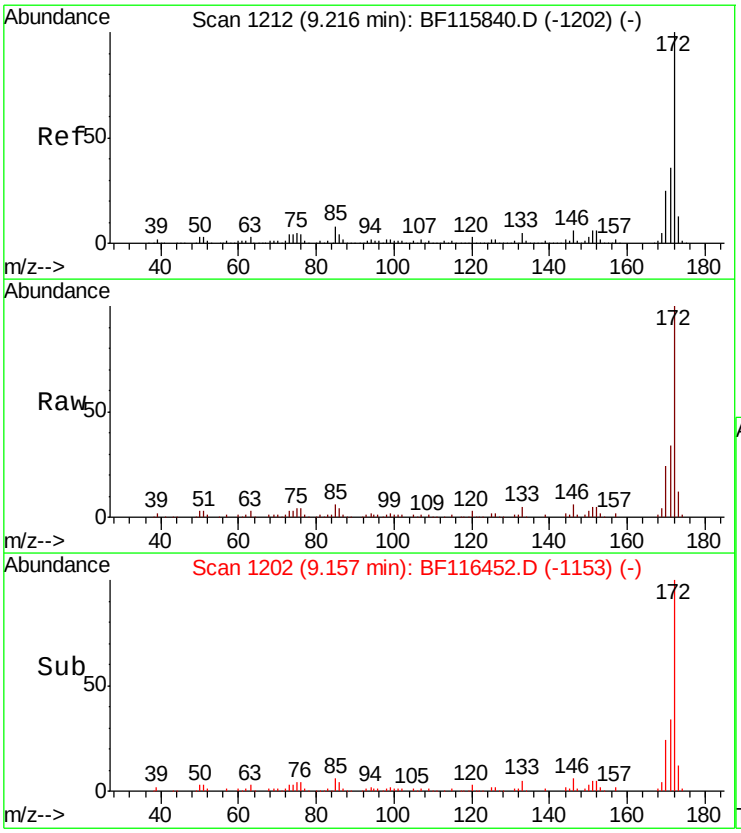
#42
2,4,6-Tribromophenol
Concen: 16.397 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 28986

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	37.2	26.3	39.5

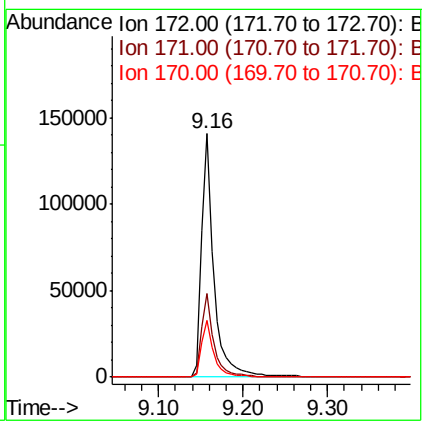


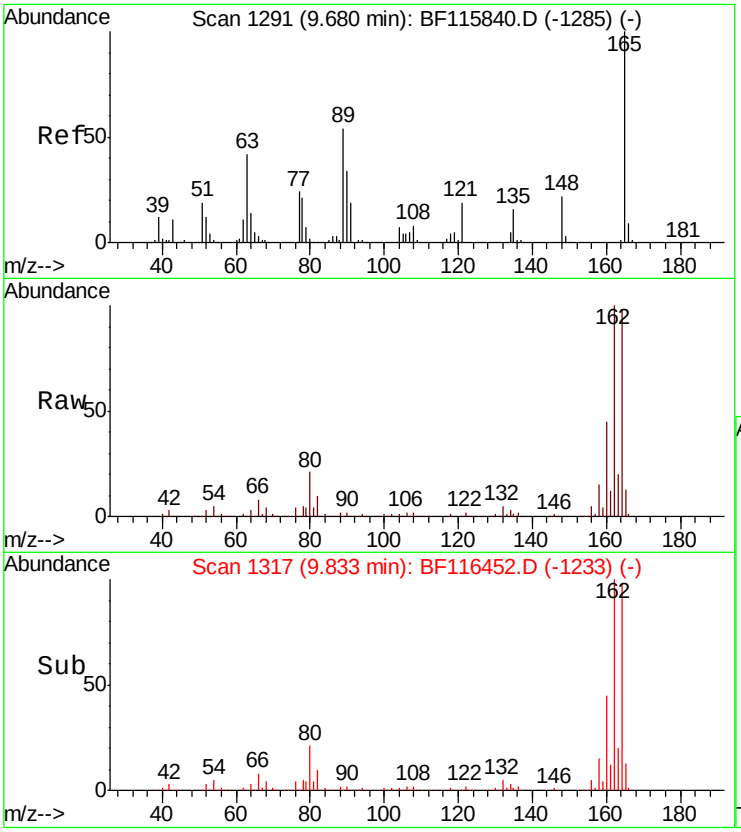


#45
2-Fluorobiphenyl
Concen: 14.579 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:172 Resp: 141911

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	23.6	20.1	30.1



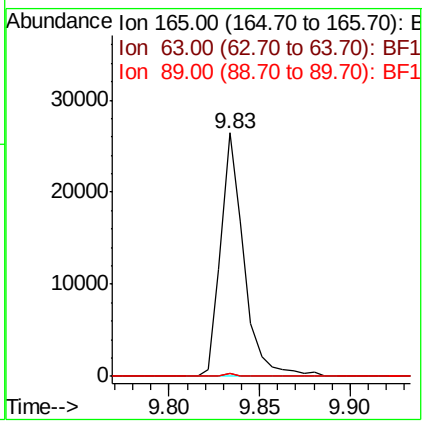


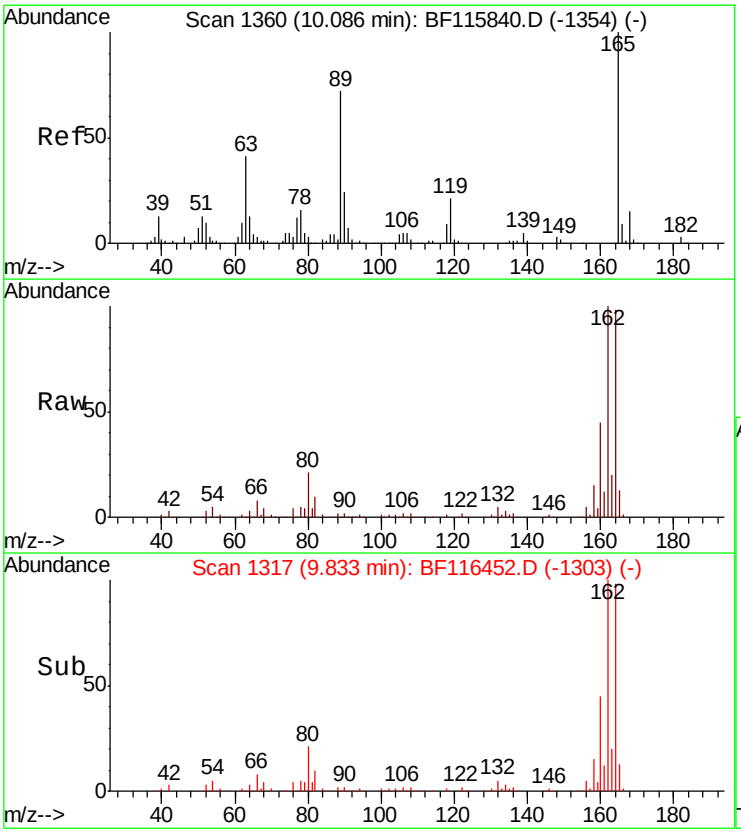
#51
2,6-Dinitrotoluene
Concen: 8.722 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23530

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.4	42.9	64.3#

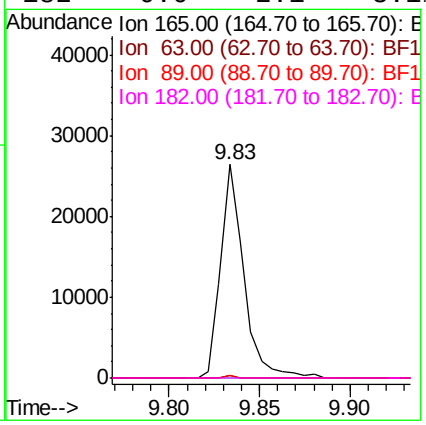


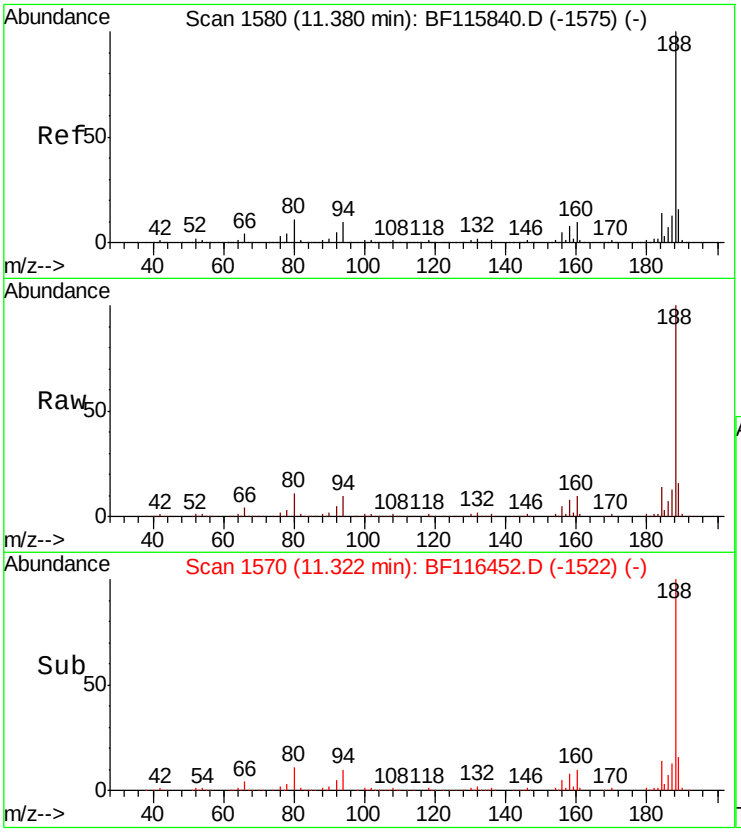


#57
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:165 Resp: 23530

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



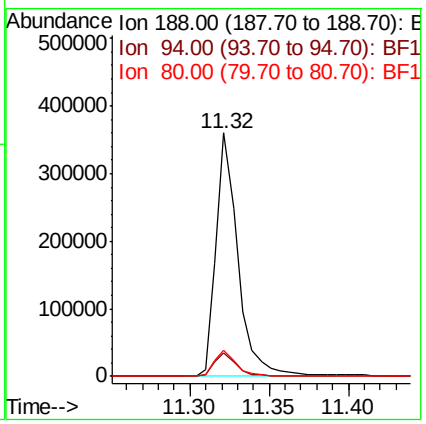


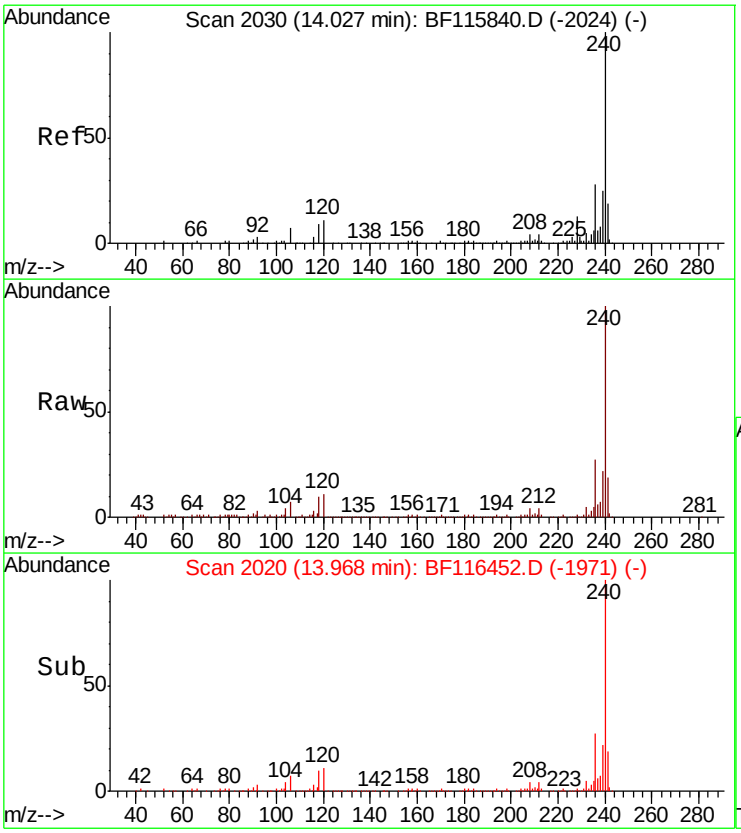
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 346182

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.7	8.7	13.1

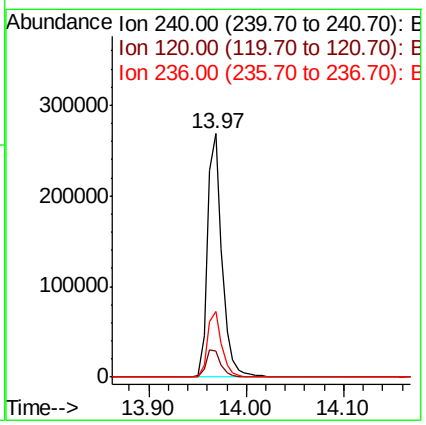


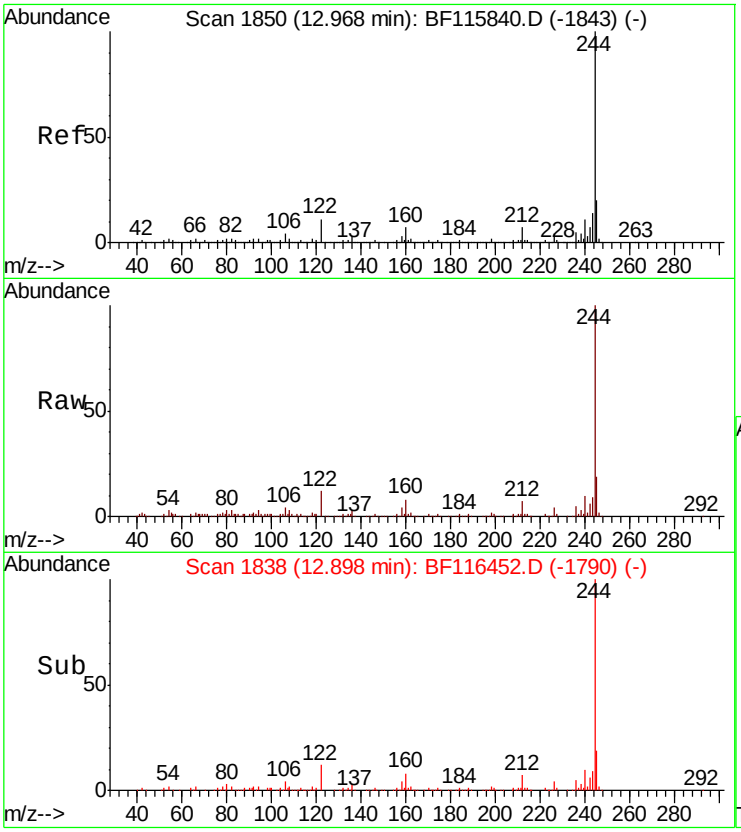


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:240 Resp: 275050

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	27.1	22.2	33.2



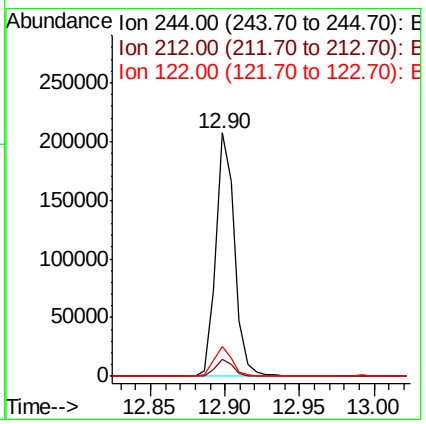


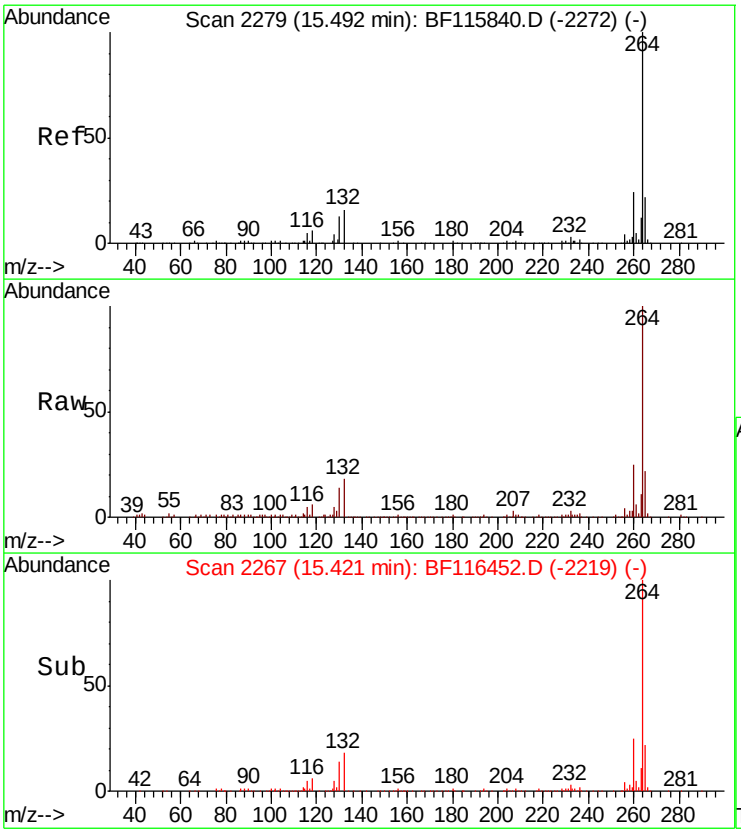
#79
Terphenyl-d14
Concen: 14.005 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 182802

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:264 Resp: 256447

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.4	17.4	26.0