Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119362.D
Acq On : 11 Mar 2020 23:10
Operator : CG/JU
Sample : L1874-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 12 05:11:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102372	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	399001	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	221260	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	403824	20.00	ng		0.00
76) Chrysene-d12	13.89	240	262509	20.00	ng		0.00
87) Perylene-d12	15.32	264	272947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	359	0.06	ng		0.20
7) Phenol-d6	6.40	99	58087	7.80	ng		0.02
23) Nitrobenzene-d5	7.29	82	438123	57.98	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	9.07	172	882999	58.79	ng		-0.01
79) Terphenyl-d14	12.82	244	1044165	68.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	60444	13.924	ng	#	72
50) Dimethylphthalate	9.47	163	80895	4.781	ng		97
51) 2,6-Dinitrotoluene	9.75	165	27929	7.430	ng	#	34
57) 2,4-Dinitrotoluene	9.75	165	27929	5.732	ng	#	21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119362.D
Acq On : 11 Mar 2020 23:10
Operator : CG/JU
Sample : L1874-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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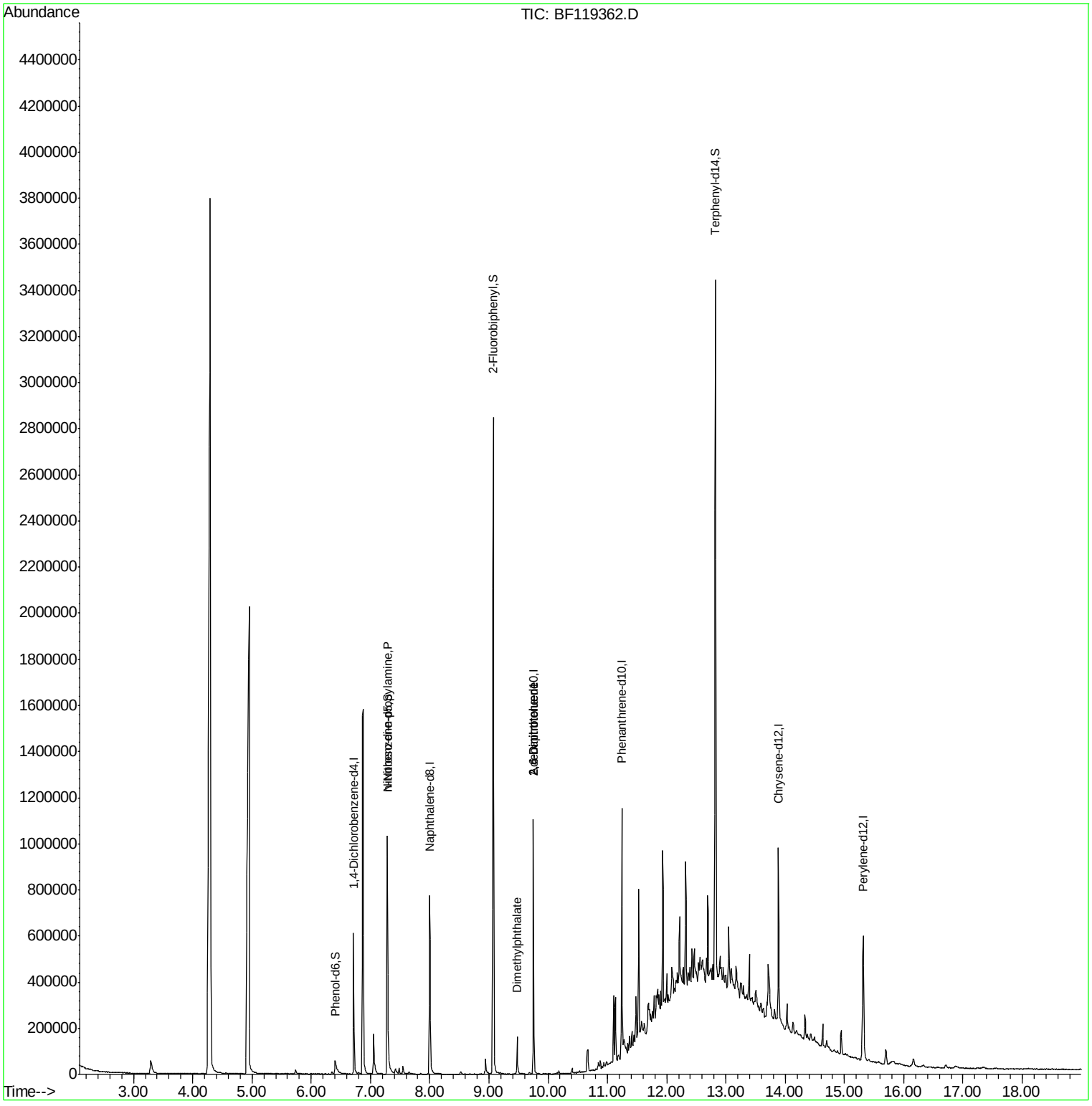
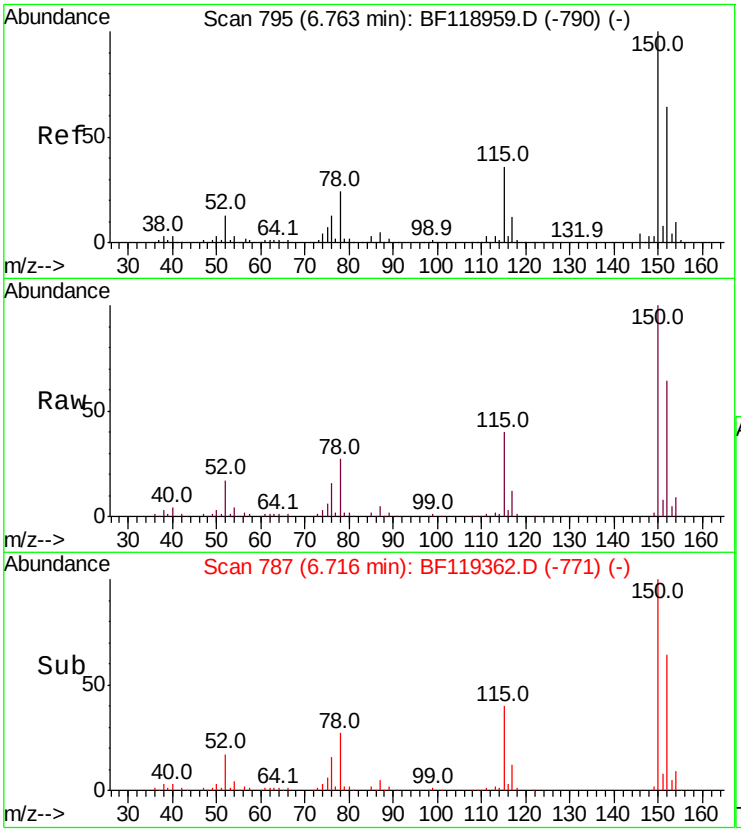


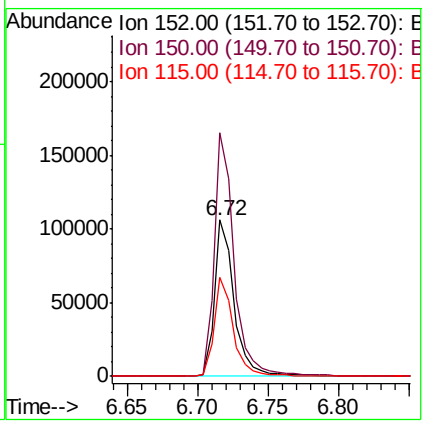


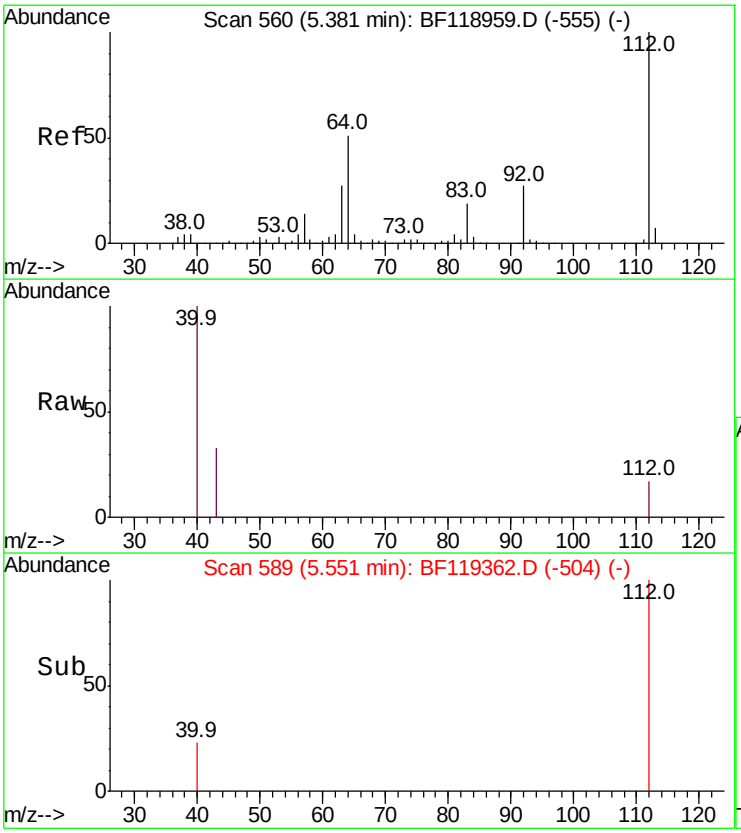
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102372

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	62.9	49.5	74.3

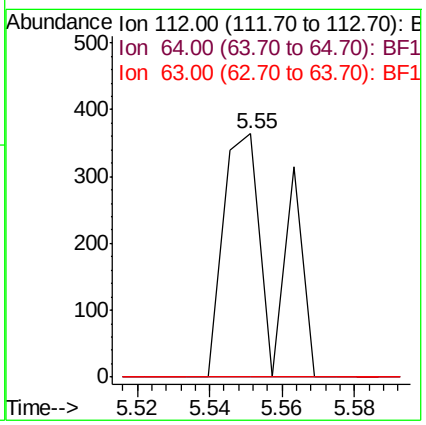


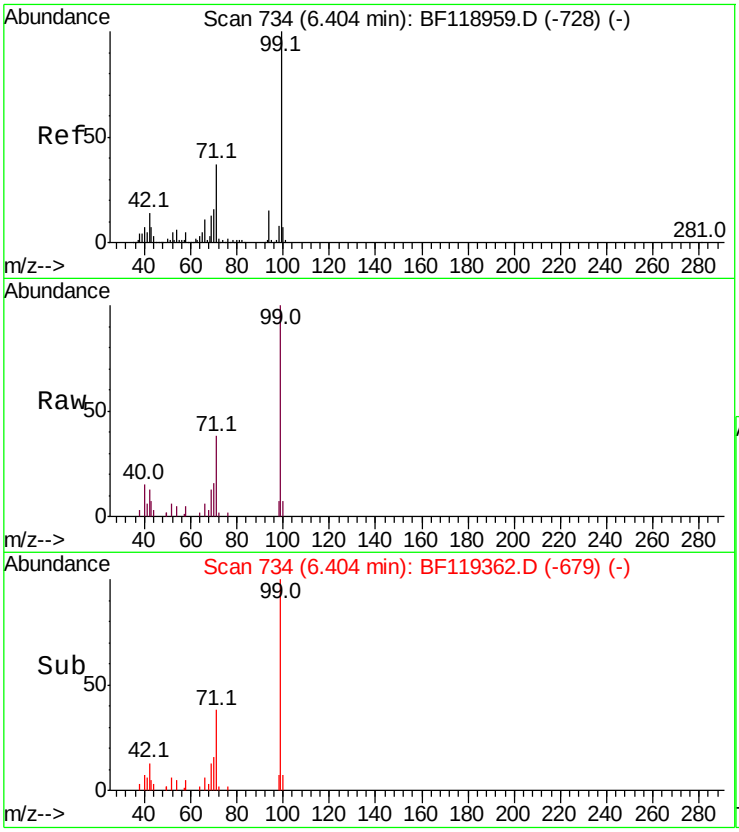


#5
2-Fluorophenol
Concen: 0.059 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.20 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion:112 Resp: 359

Ion	Ratio	Lower	Upper
112	100		
64	0.0	45.0	67.4#
63	0.0	24.2	36.4#



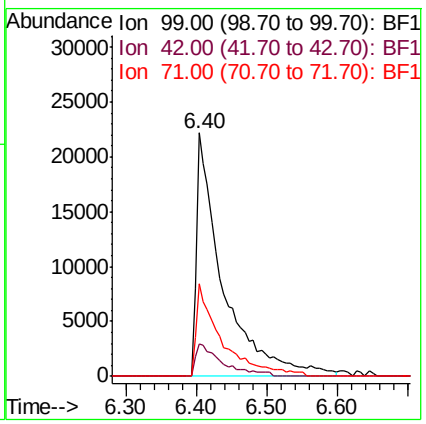


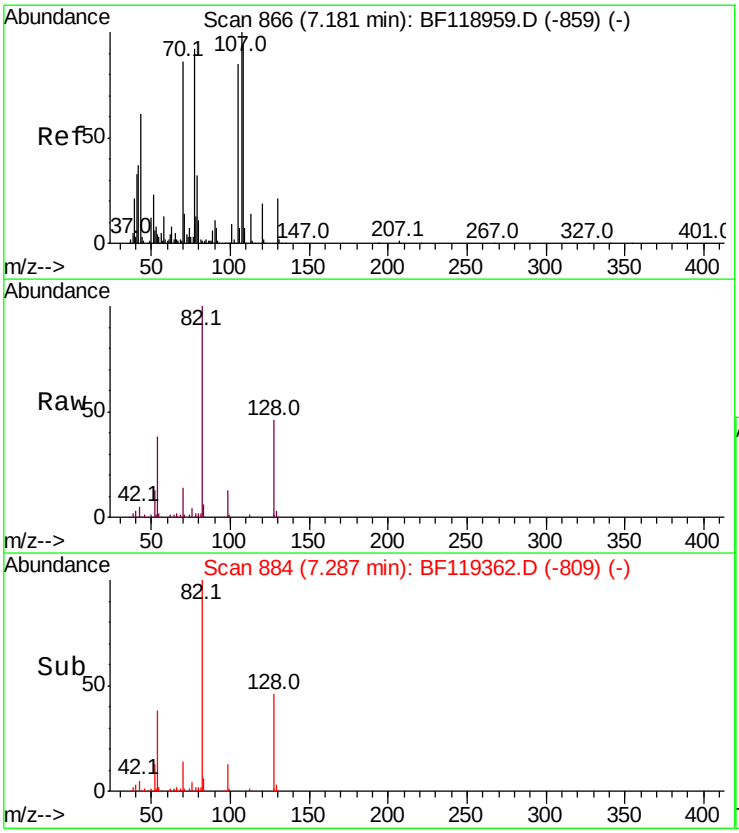
#7
Phenol-d6
Concen: 7.797 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 58087

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.6	18.8
71	38.2	31.0	46.4

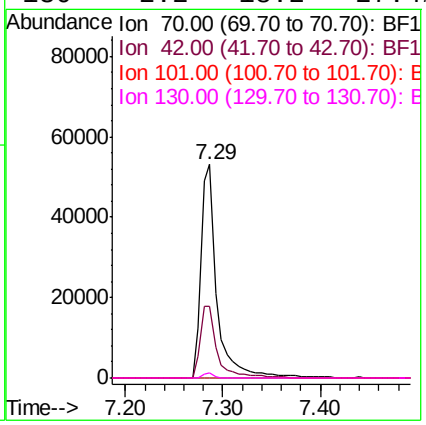


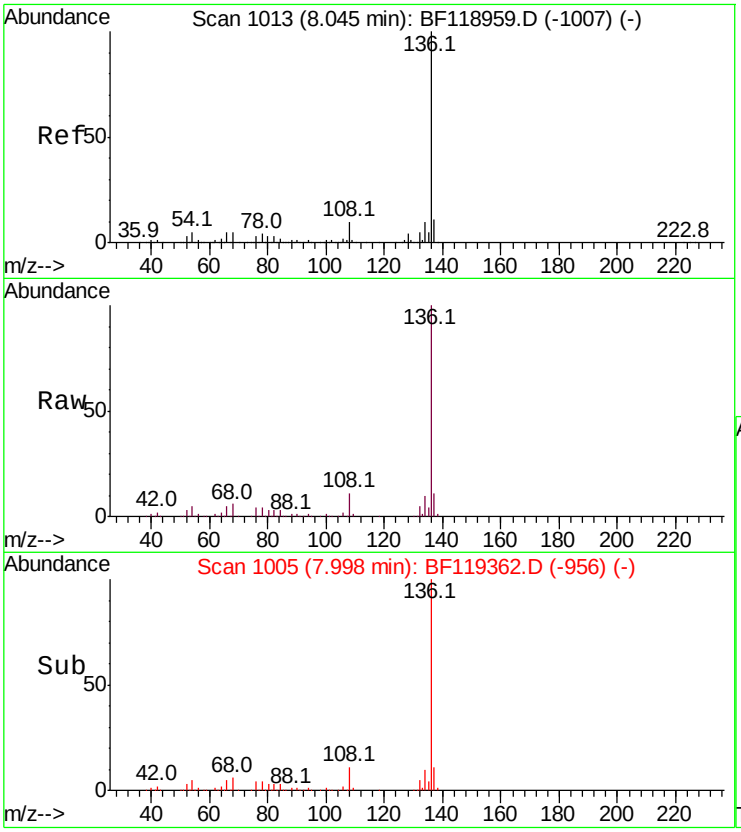


#19
n-Nitroso-di-n-propylamine
Concen: 13.924 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion: 70 Resp: 60444

Ion	Ratio	Lower	Upper
70	100		
42	33.7	38.0	57.0#
101	0.0	8.2	12.4#
130	2.2	18.2	27.4#



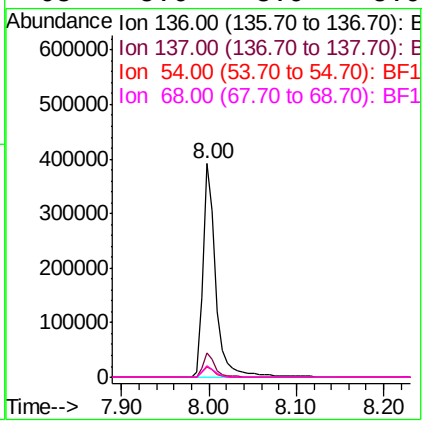


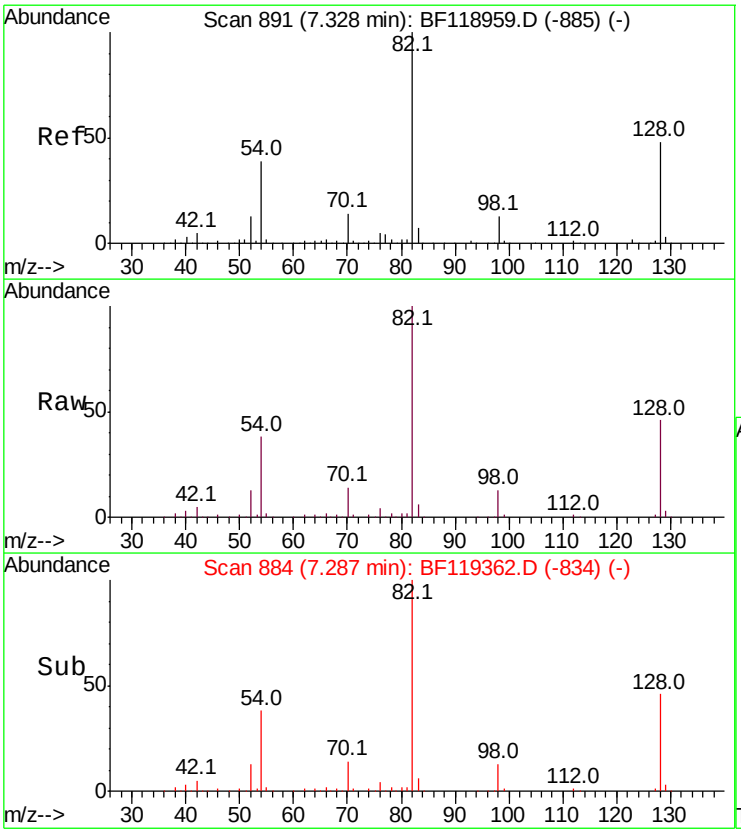
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 399001

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.0	3.8	5.6
68	5.6	3.9	5.9

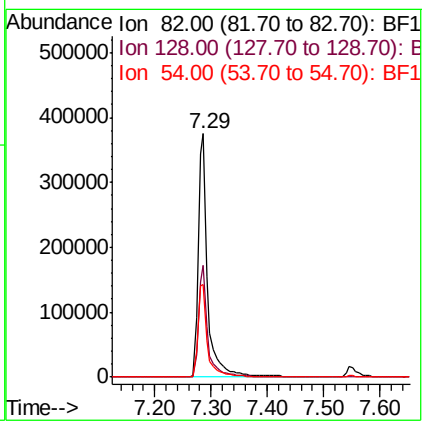


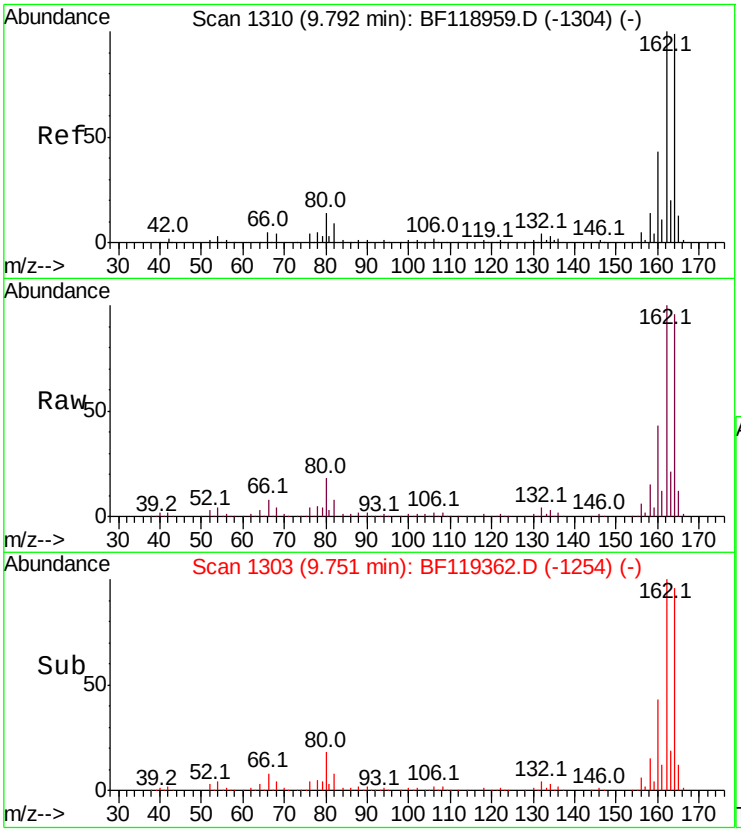


#23
Nitrobenzene-d5
Concen: 57.977 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion: 82 Resp: 438123

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.9	56.9
54	38.1	33.4	50.2



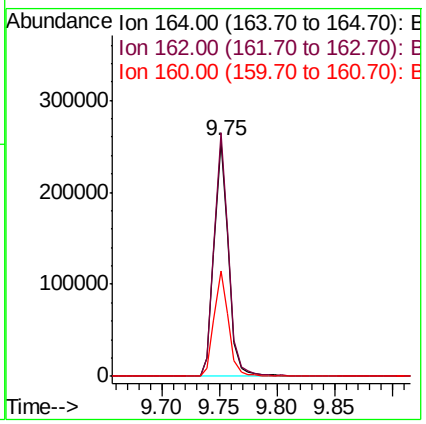


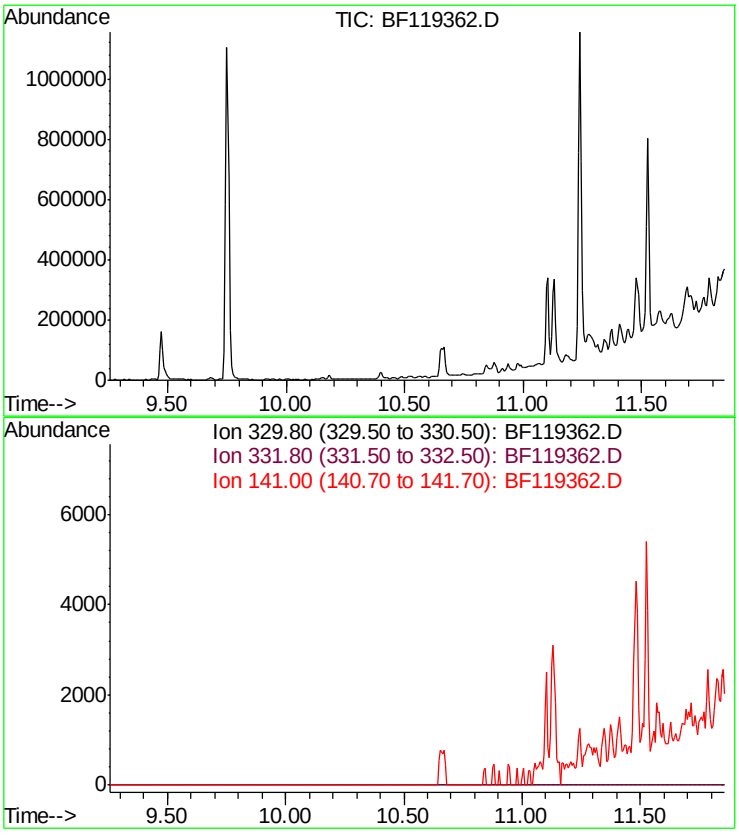
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 221260

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.8
160	44.6	36.0	54.0



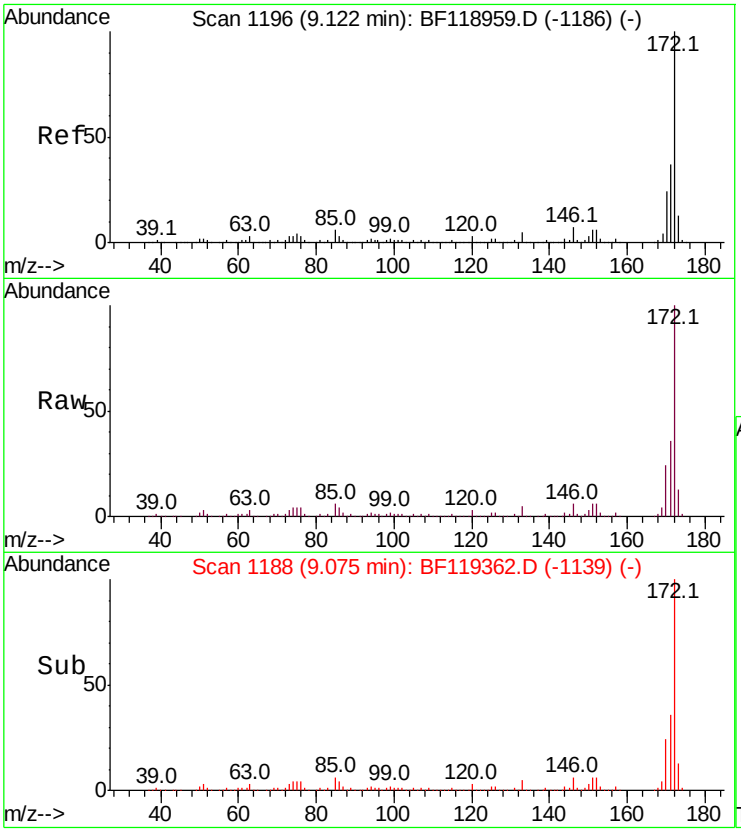


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.56 min

Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.0
141	28.6

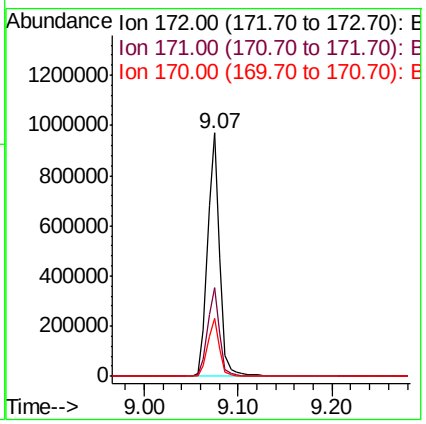


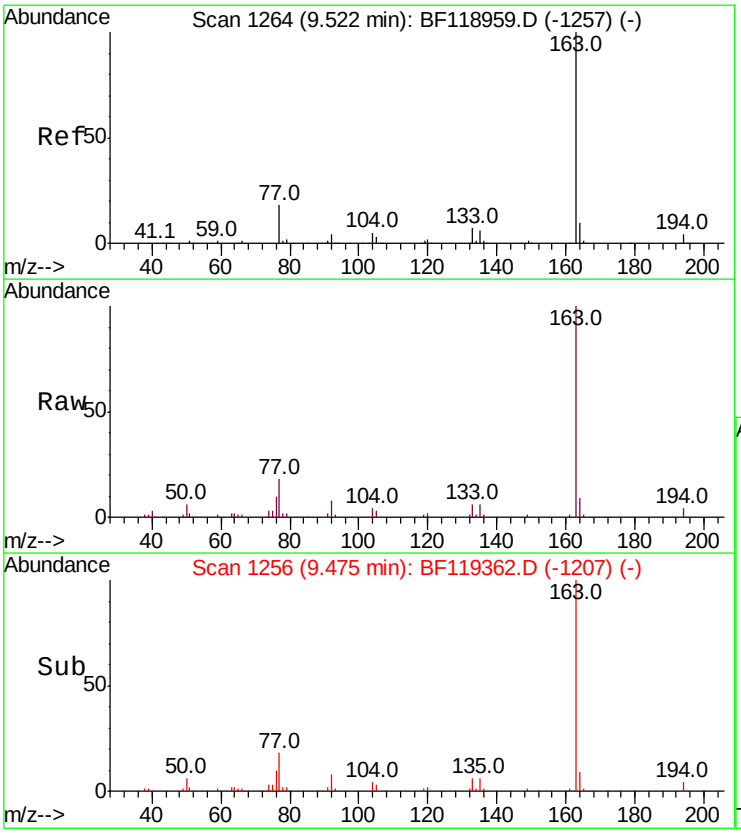
#45
2-Fluorobiphenyl
Concen: 58.791 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 882999

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.9	20.2	30.2

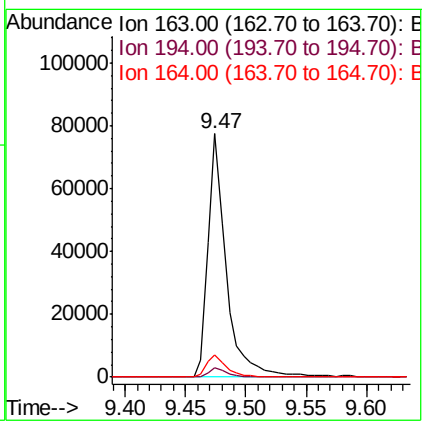


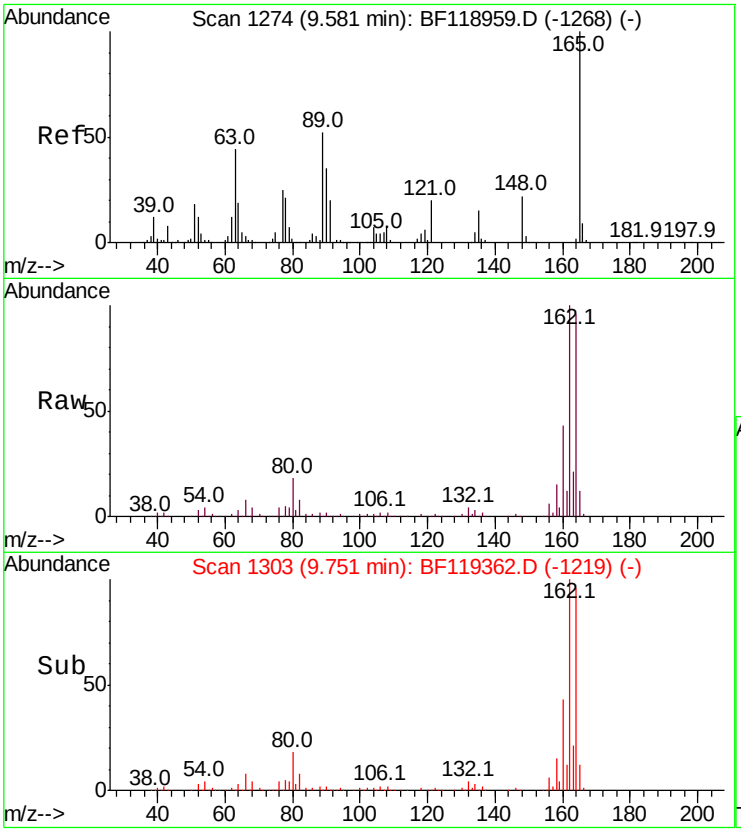


#50
Dimethylphthalate
Concen: 4.781 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion:163 Resp: 80895

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.3	8.4	12.6



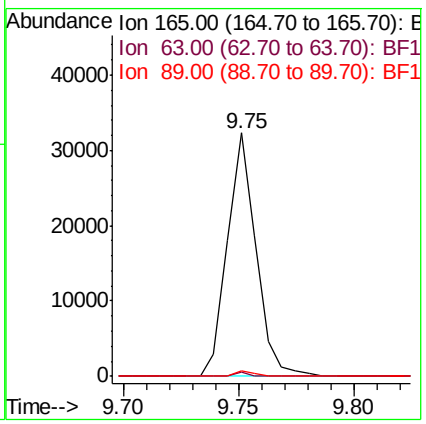


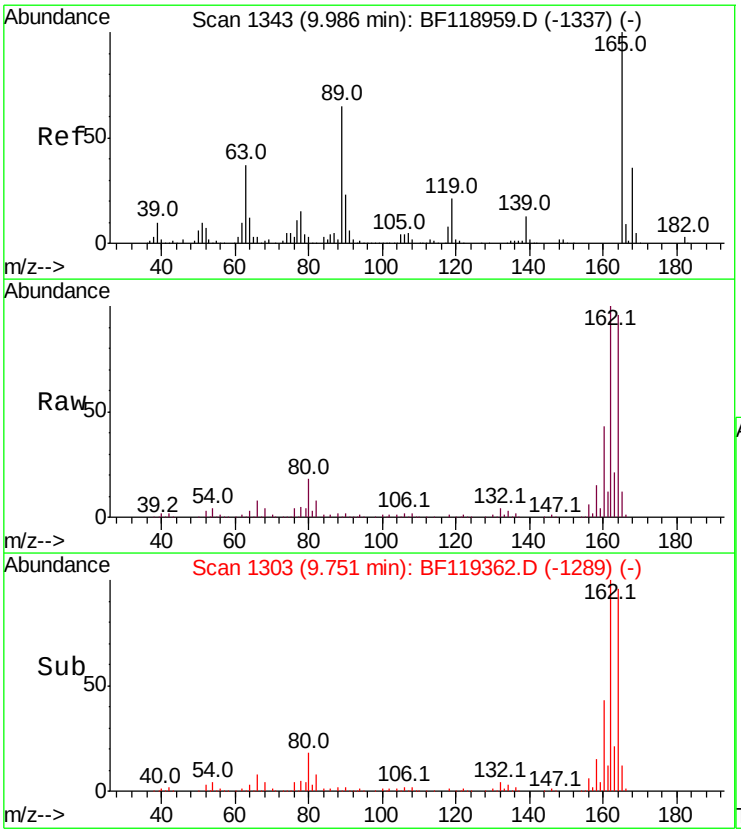
#51
2,6-Dinitrotoluene
Concen: 7.430 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27929

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	2.1	38.3	57.5#

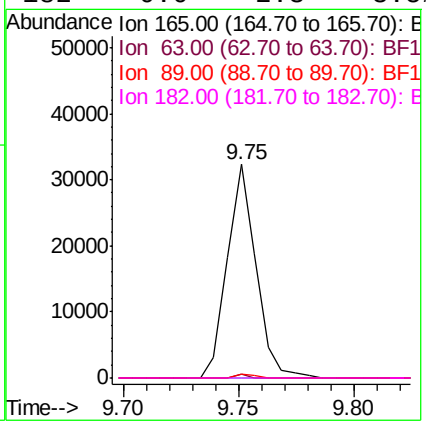


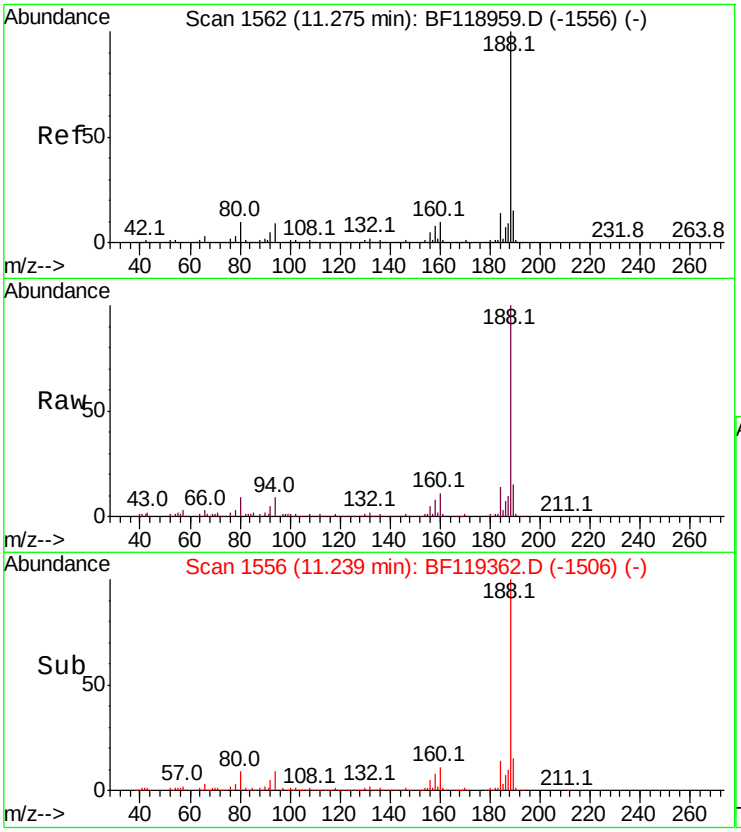


#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion:165 Resp: 27929

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.3	63.5#
89	2.1	60.2	90.4#
182	0.0	2.3	3.5#



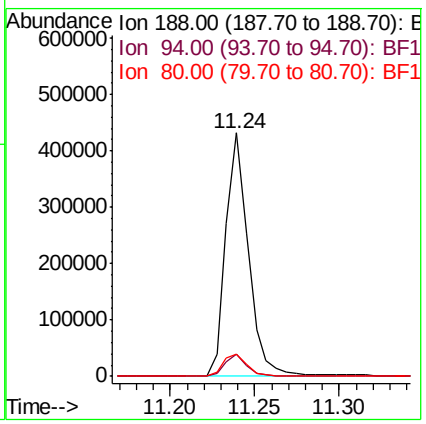


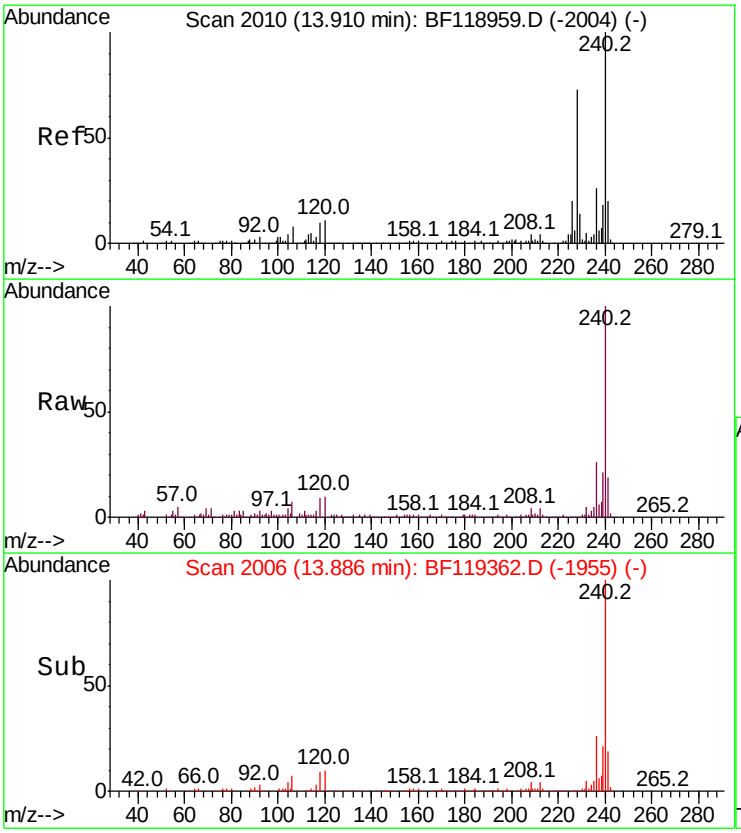
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 403824

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.4	7.8	11.8

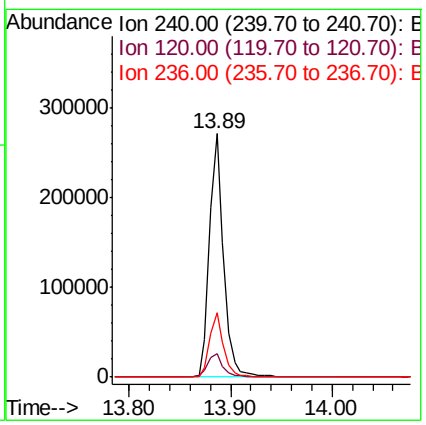


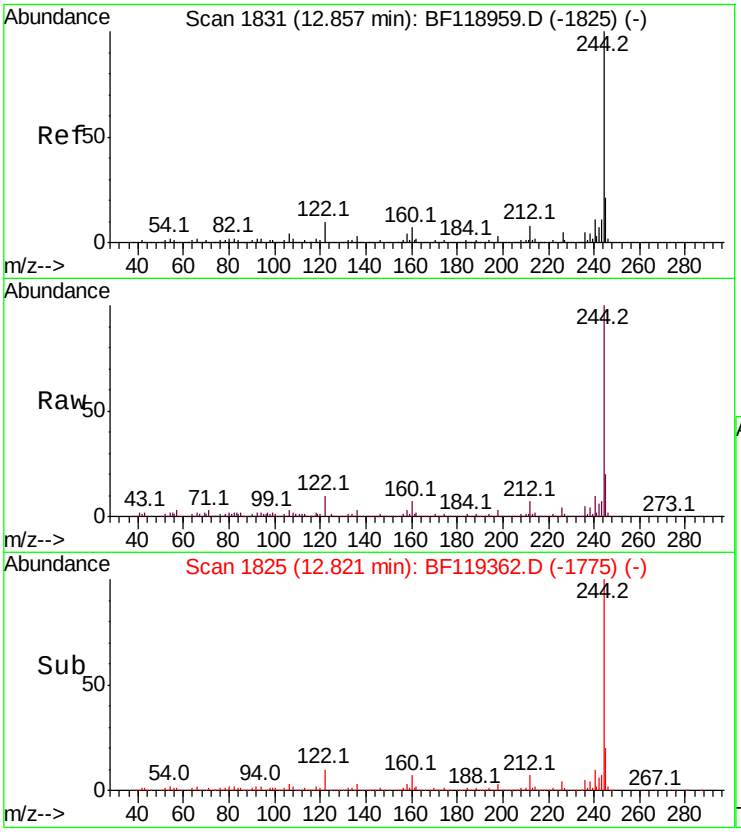


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion:240 Resp: 262509

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.4	21.0	31.4



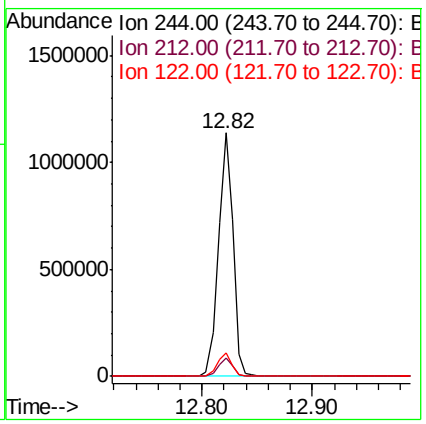


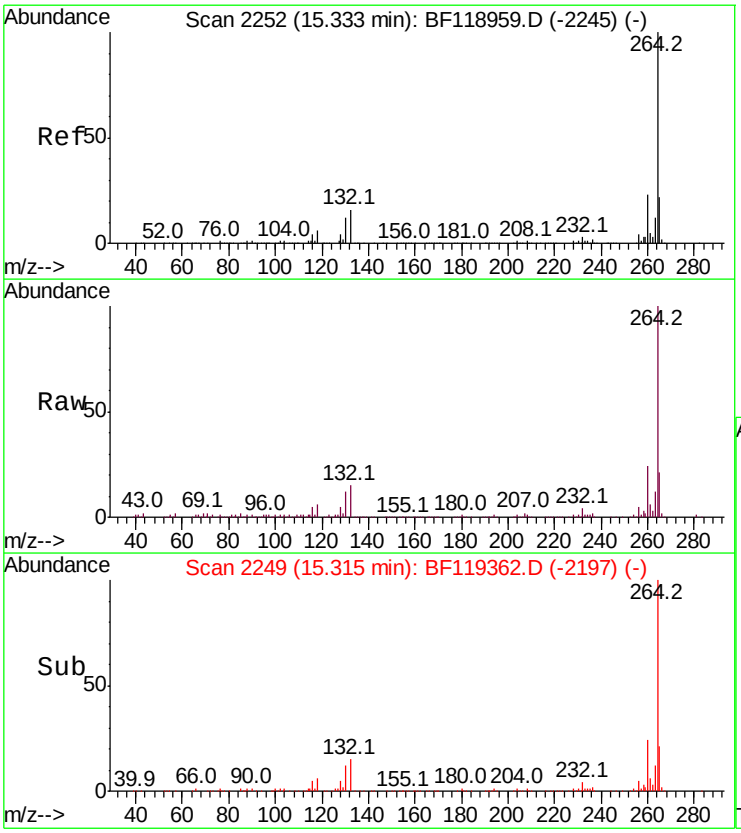
#79
Terphenyl-d14
Concen: 68.482 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1044165

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	9.6	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119362.D
Acq: 11 Mar 2020 23:10

Tgt Ion:264 Resp: 272947

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	17.7	26.5