Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118090.D
Acq On : 4 Dec 2019 17:04
Operator : JU
Sample : K6119-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 05 00:39:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163813	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	627641	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	286276	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	634772	20.00	ng		0.00
76) Chrysene-d12	14.07	240	468155	20.00	ng		0.00
87) Perylene-d12	15.57	264	396482	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	934917	101.02	ng		0.01
7) Phenol-d6	6.50	99	1116356	100.01	ng		0.00
23) Nitrobenzene-d5	7.44	82	704991	66.77	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	396856	130.94	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1334425	83.63	ng		0.00
79) Terphenyl-d14	13.02	244	1736063	67.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2055	Below Cal		#	1
10) Phenol	6.52	94	30694	2.646	ng		97
19) n-Nitroso-di-n-propylamine	7.44	70	95116	13.812	ng	#	71
25) Isophorone	7.44	82	704983	36.430	ng	#	63
50) Dimethylphthalate	9.63	163	159142	7.927	ng		100
57) 2,4-Dinitrotoluene	9.93	165	36580	6.554	ng	#	33
67) 4-Bromophenyl-phenylether	10.72	248	24084	3.516	ng	#	1
75) Fluoranthene	12.64	202	128	Below Cal			64

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Dec 2019 17:04
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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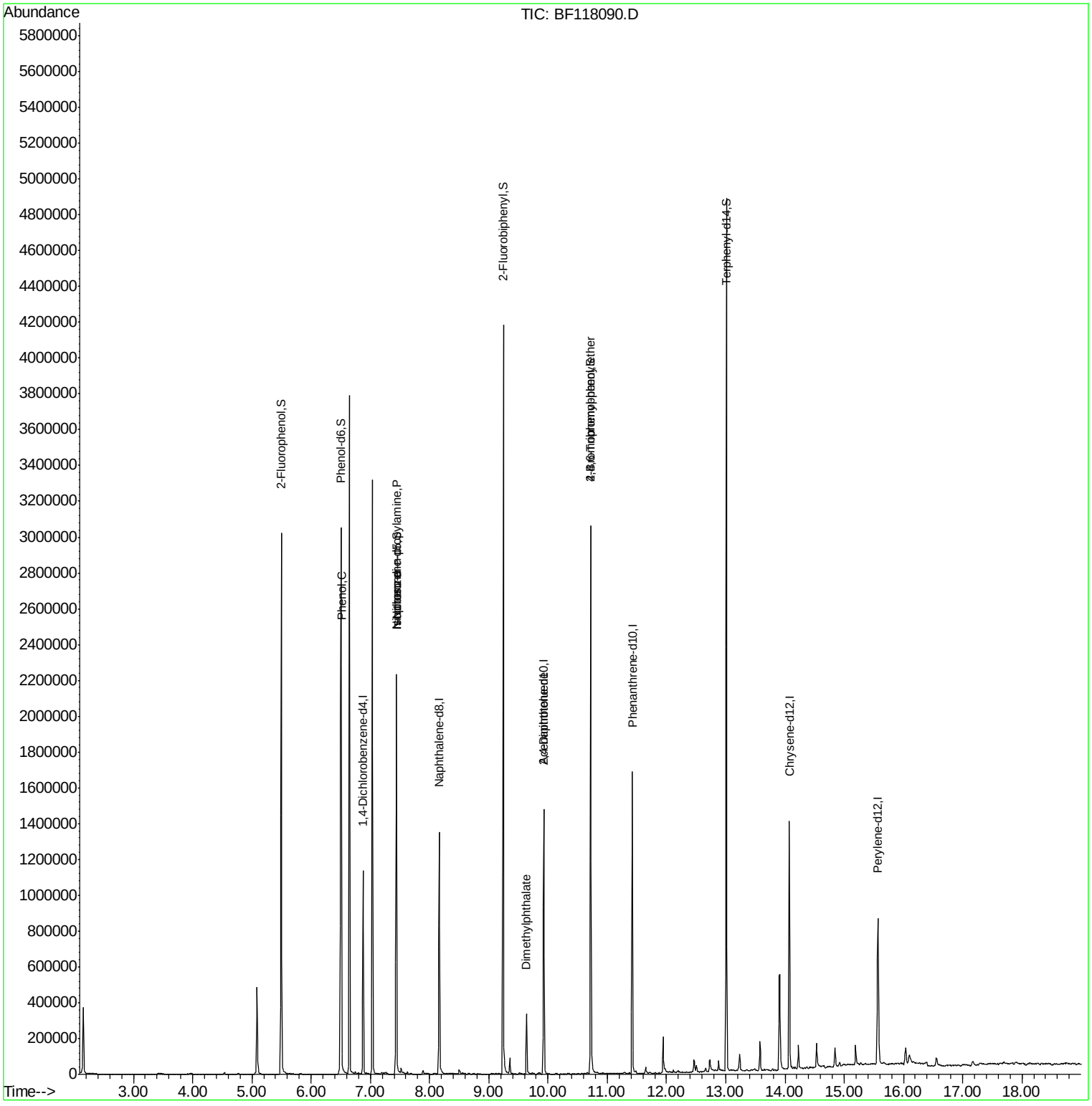
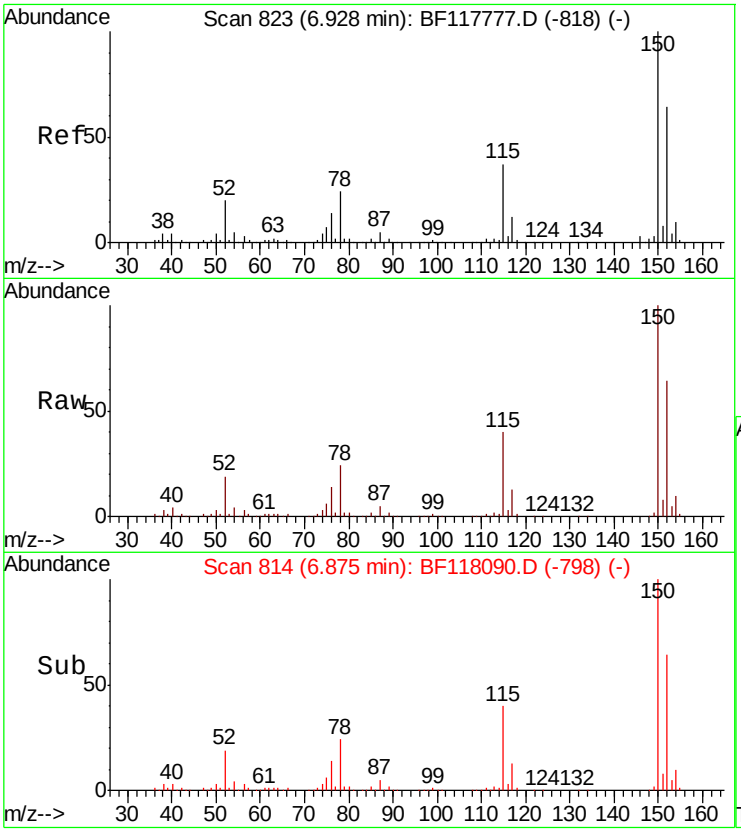
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration



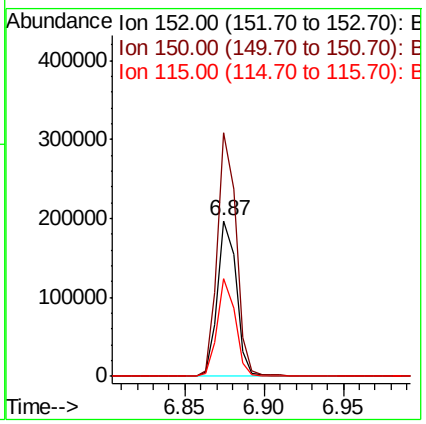


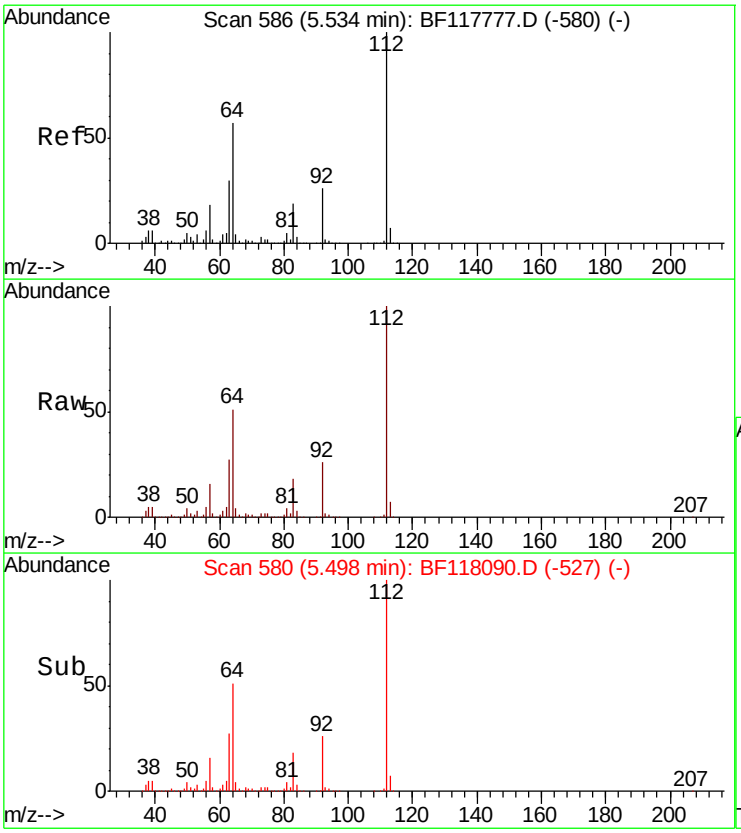
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163813

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.4	182.2
115	63.1	48.8	73.2

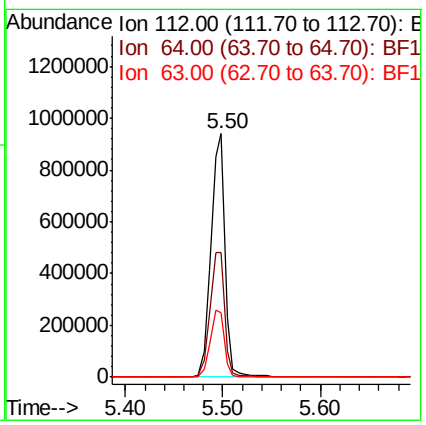


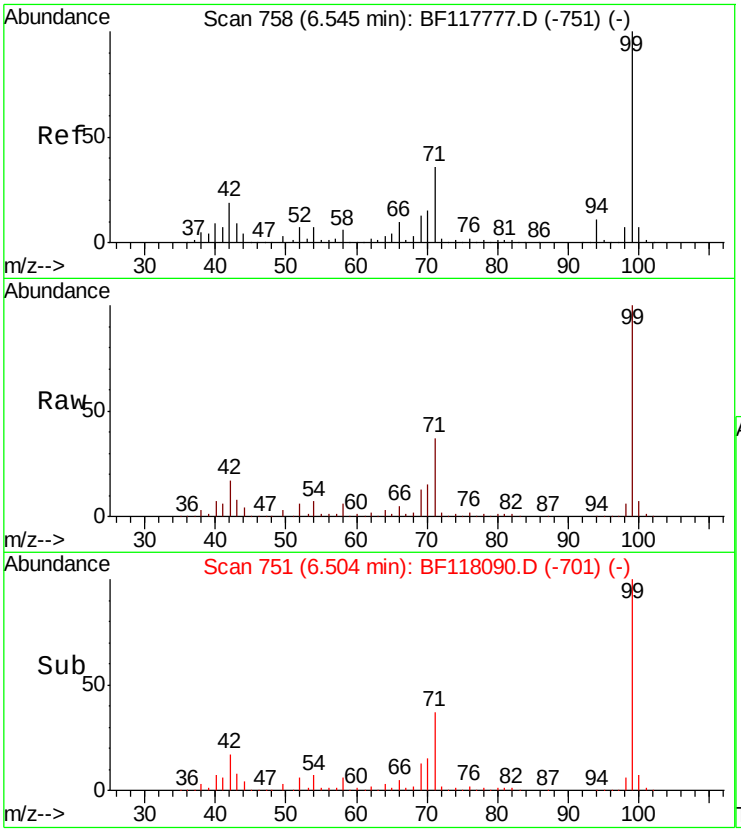


#5
2-Fluorophenol
Concen: 101.024 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:112 Resp: 934917

Ion	Ratio	Lower	Upper
112	100		
64	51.4	45.1	67.7
63	26.7	24.6	37.0



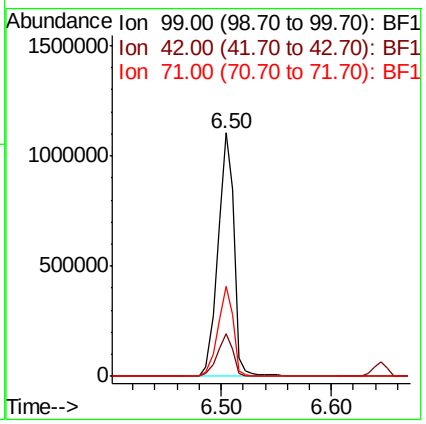


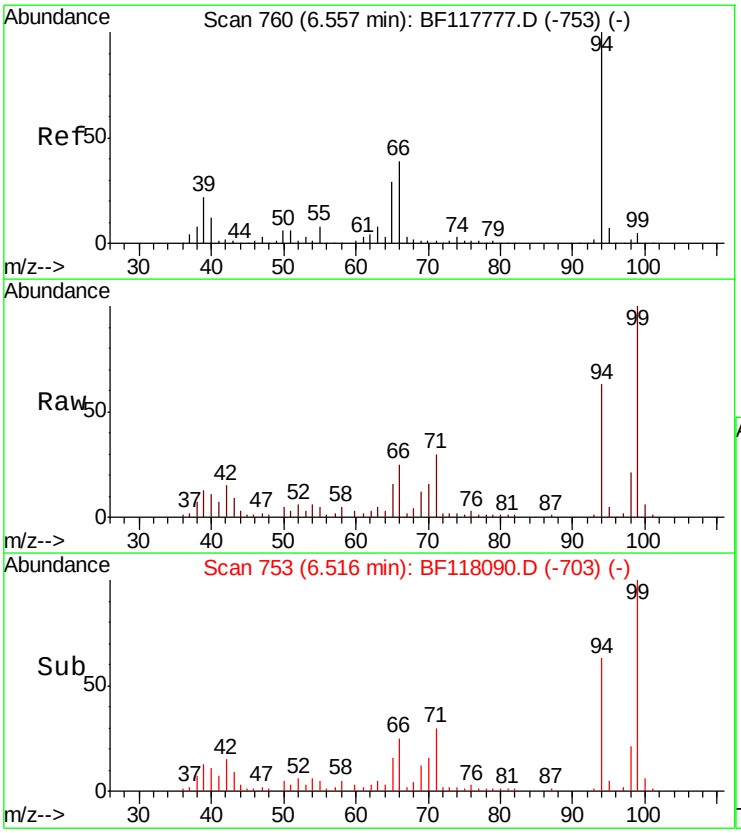
#7
Phenol-d6
Concen: 100.011 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1116356

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.0	21.0
71	36.7	29.2	43.8

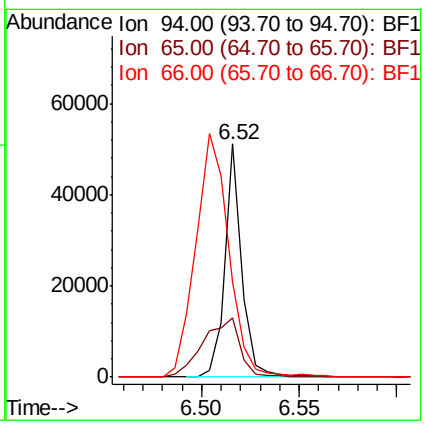


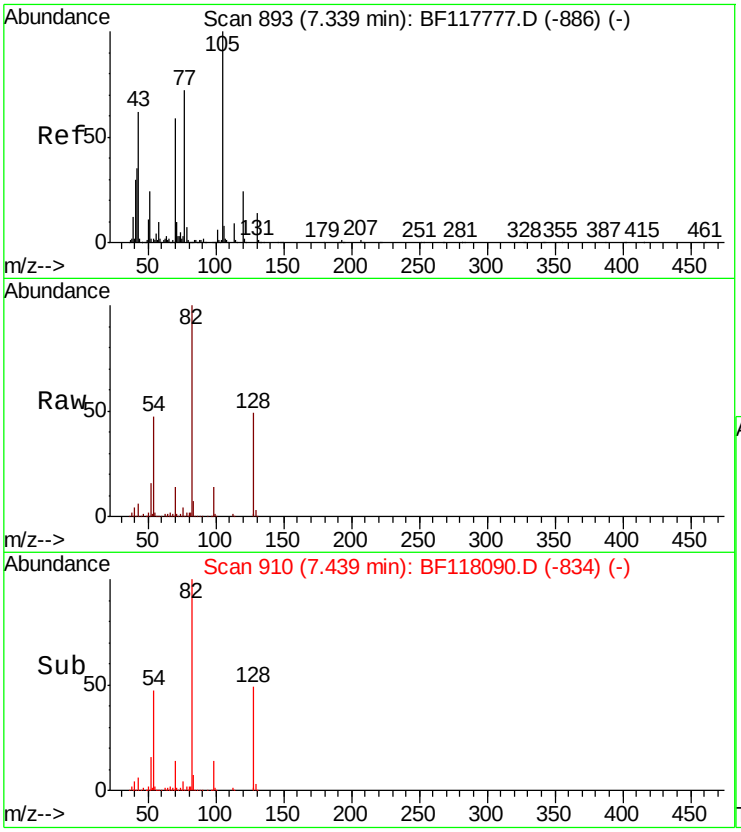


#10
Phenol
Concen: 2.646 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion: 94 Resp: 30694

Ion	Ratio	Lower	Upper
94	100		
65	25.5	6.9	46.9
66	40.6	18.6	58.6



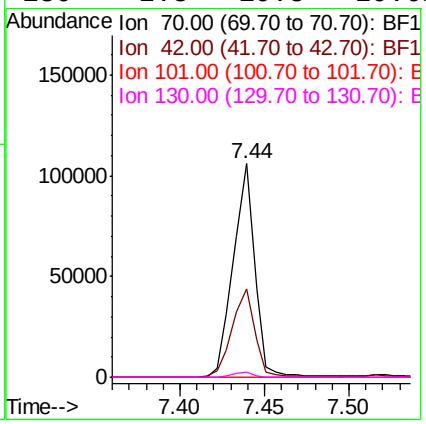


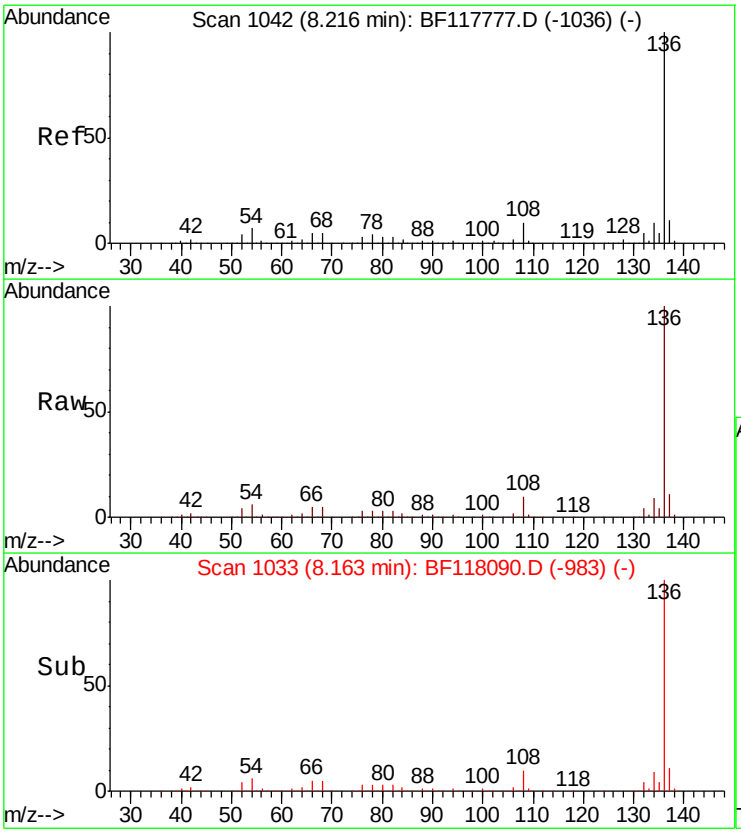
#19
n-Nitroso-di-n-propylamine
Concen: 13.812 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95116

Ion	Ratio	Lower	Upper
70	100		
42	41.4	46.0	69.0#
101	0.0	8.8	13.2#
130	2.3	19.8	29.6#

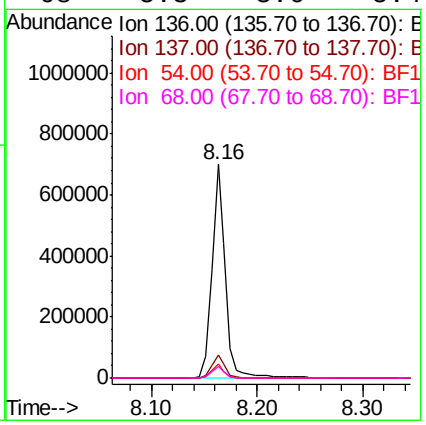


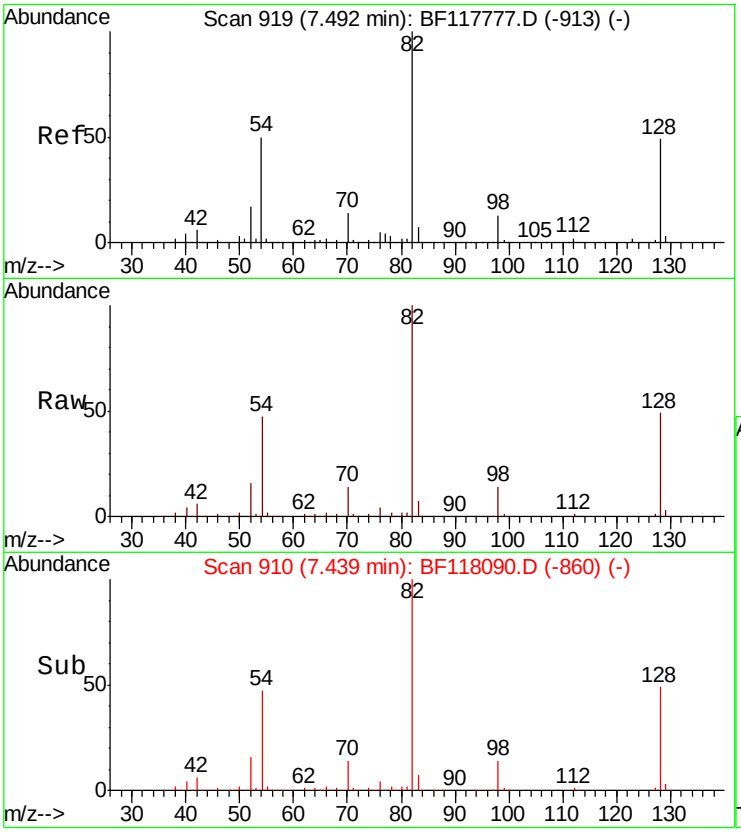


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:136 Resp: 627641

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	4.9	7.3
68	5.3	3.6	5.4



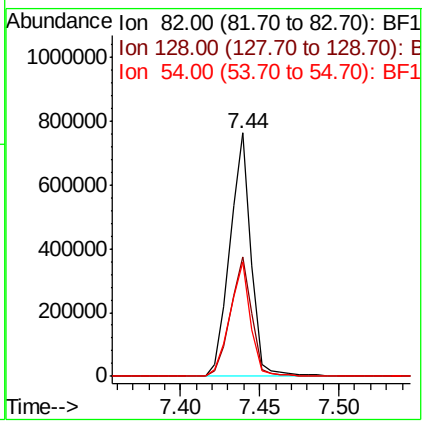


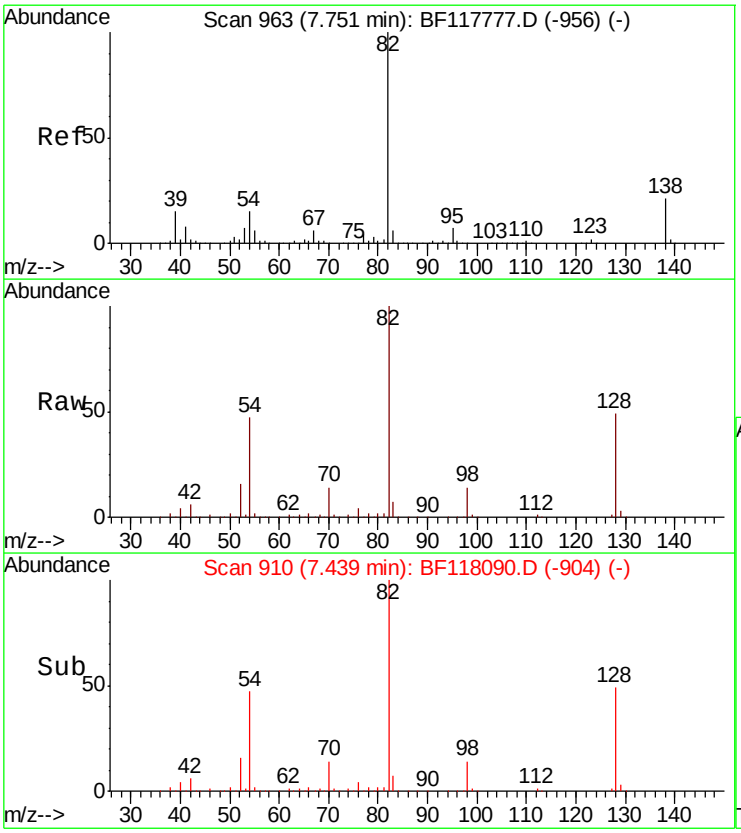
#23
Nitrobenzene-d5
Concen: 66.772 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 704991

Ion	Ratio	Lower	Upper
82	100		
128	49.1	38.2	57.4
54	47.0	39.0	58.4

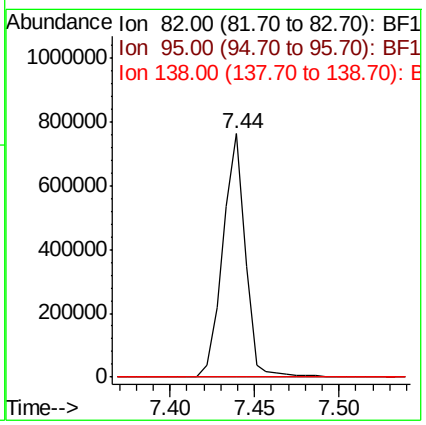


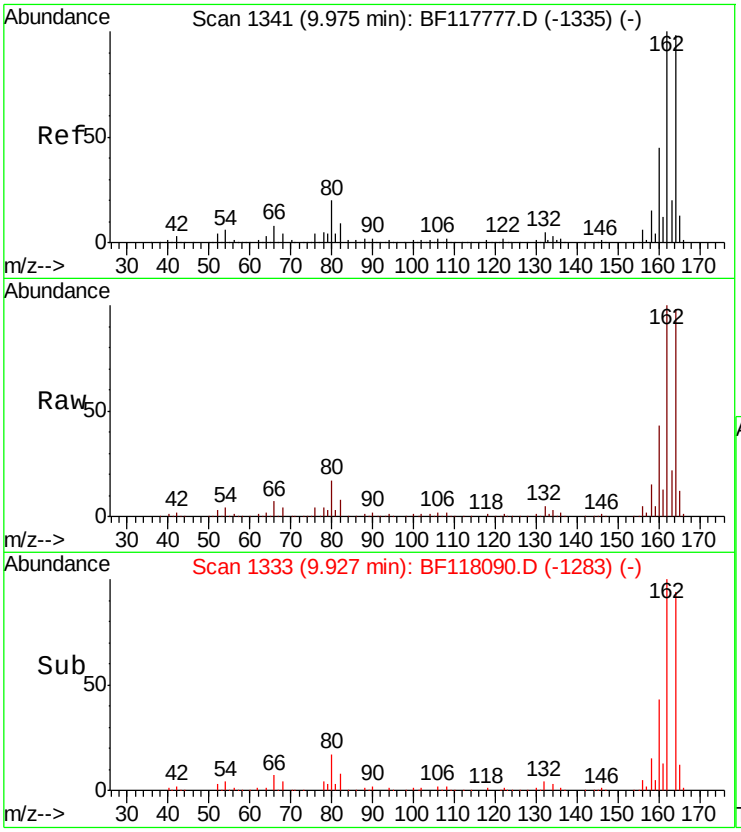


#25
Isophorone
Concen: 36.430 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion: 82 Resp: 704983

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	15.9	23.9#



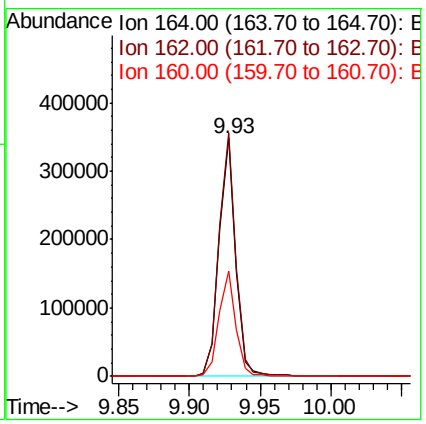


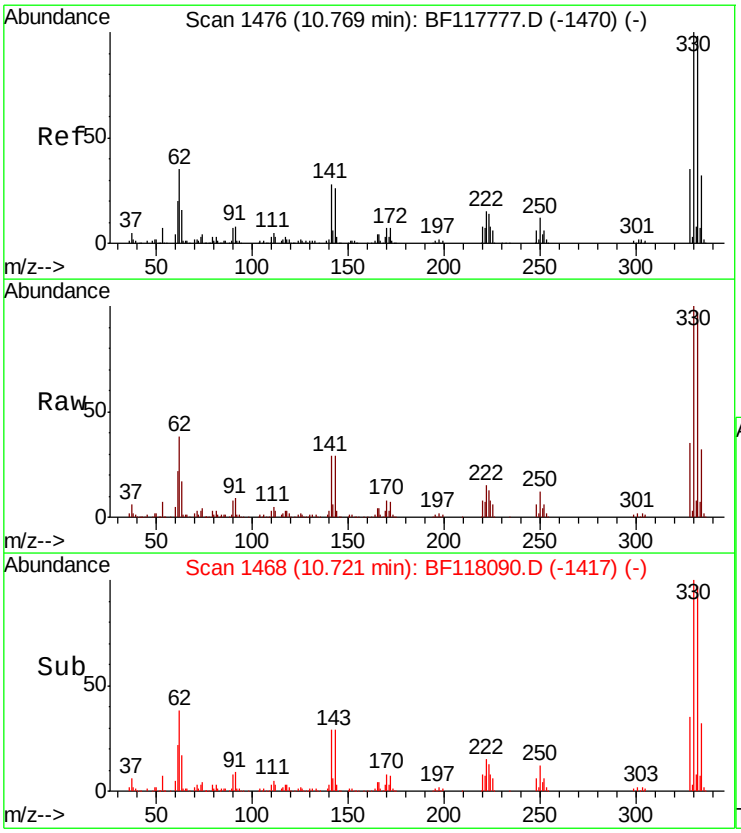
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 286276

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	44.4	35.9	53.9

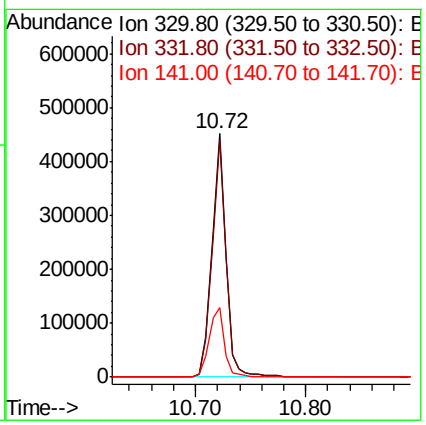


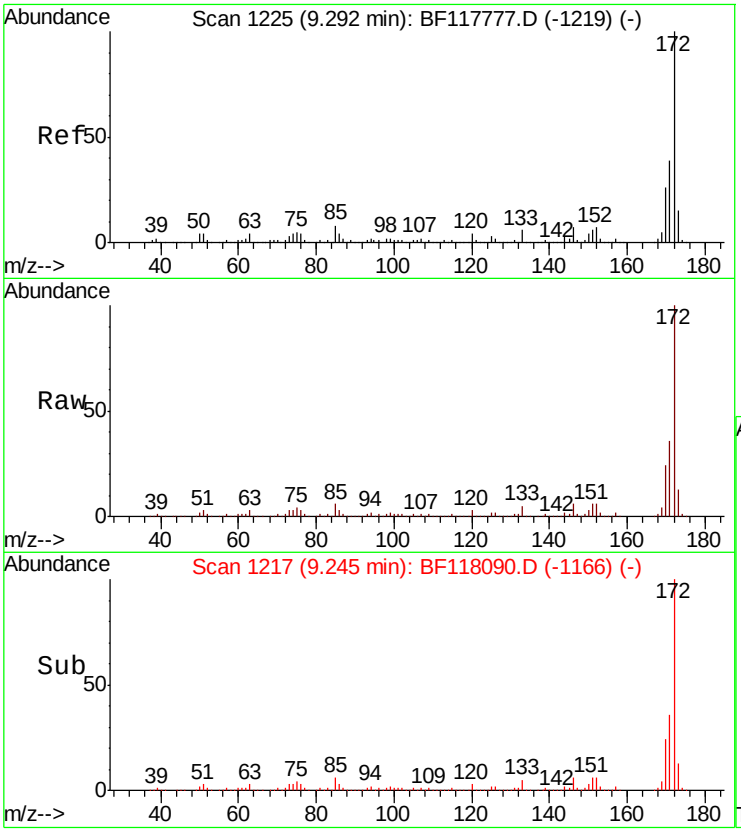


#42
2,4,6-Tribromophenol
Concen: 130.942 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:330 Resp: 396856

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	31.1	26.4	39.6



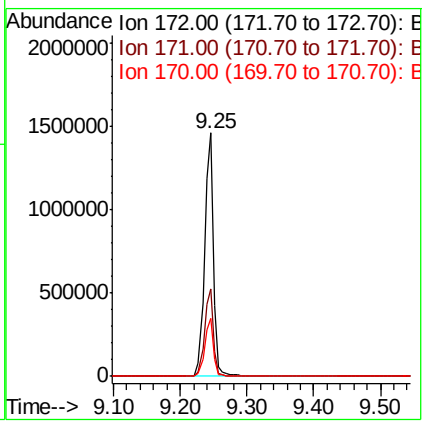


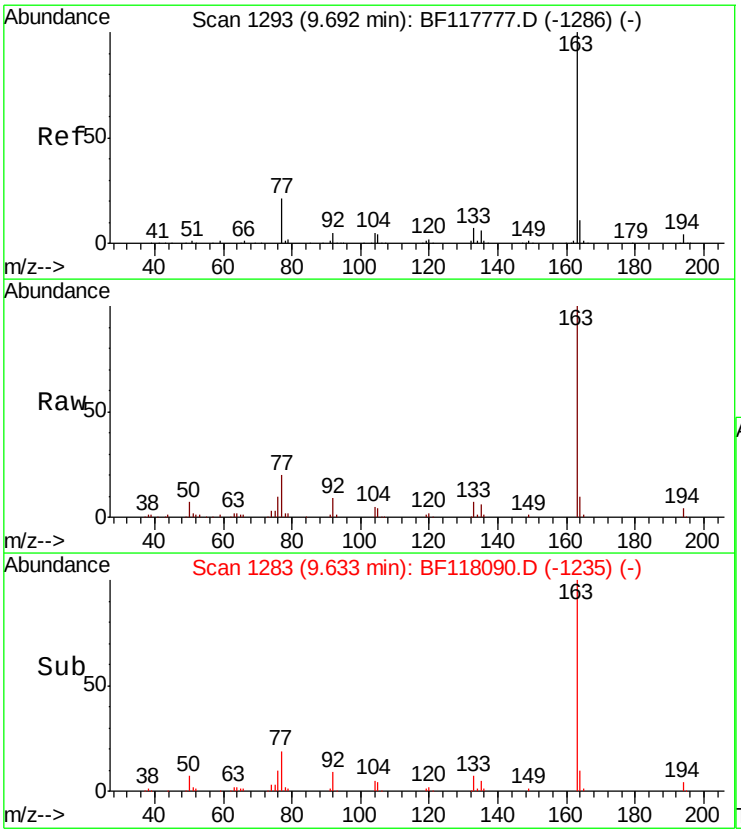
#45
2-Fluorobiphenyl
Concen: 83.626 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1334425

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.9	19.3	28.9

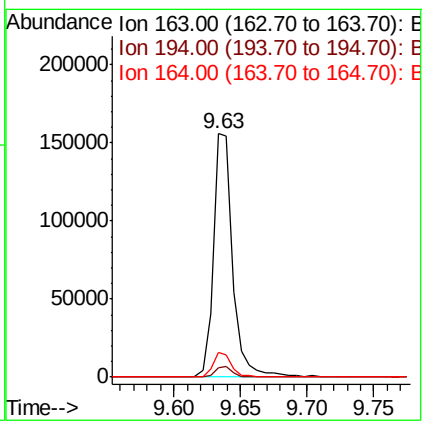


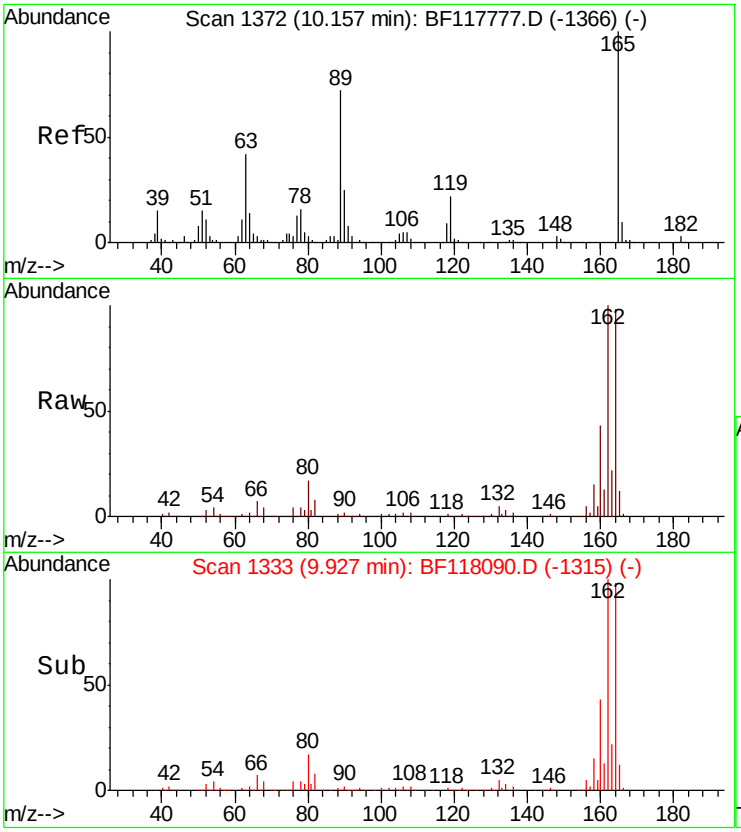


#50
Dimethylphthalate
Concen: 7.927 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:163 Resp: 159142

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.9	7.9	11.9



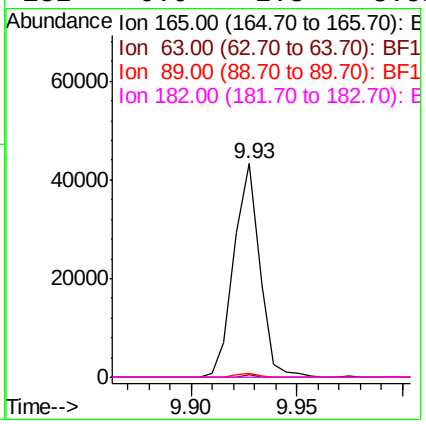


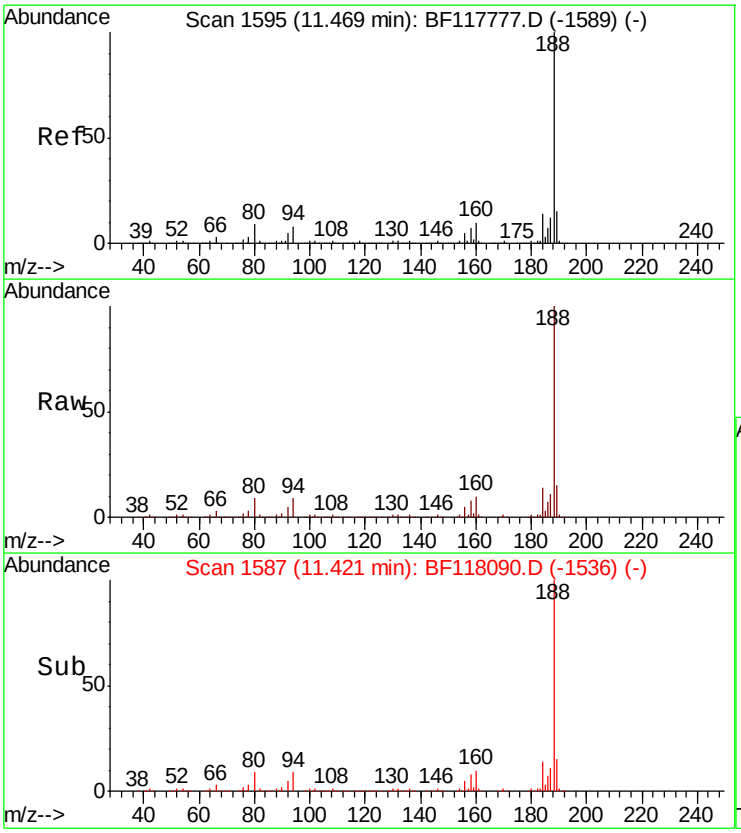
#57
2,4-Dinitrotoluene
Concen: 6.554 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36580

Ion	Ratio	Lower	Upper
165	100		
63	1.2	26.5	39.7#
89	1.7	47.2	70.8#
182	0.0	2.3	3.5#

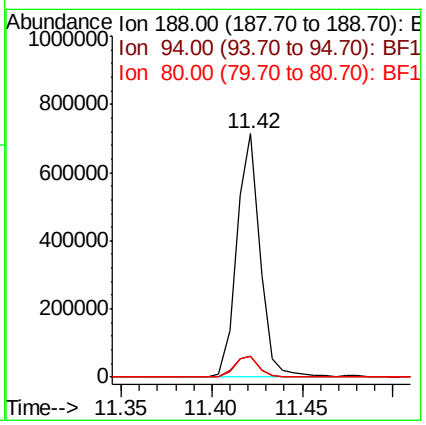


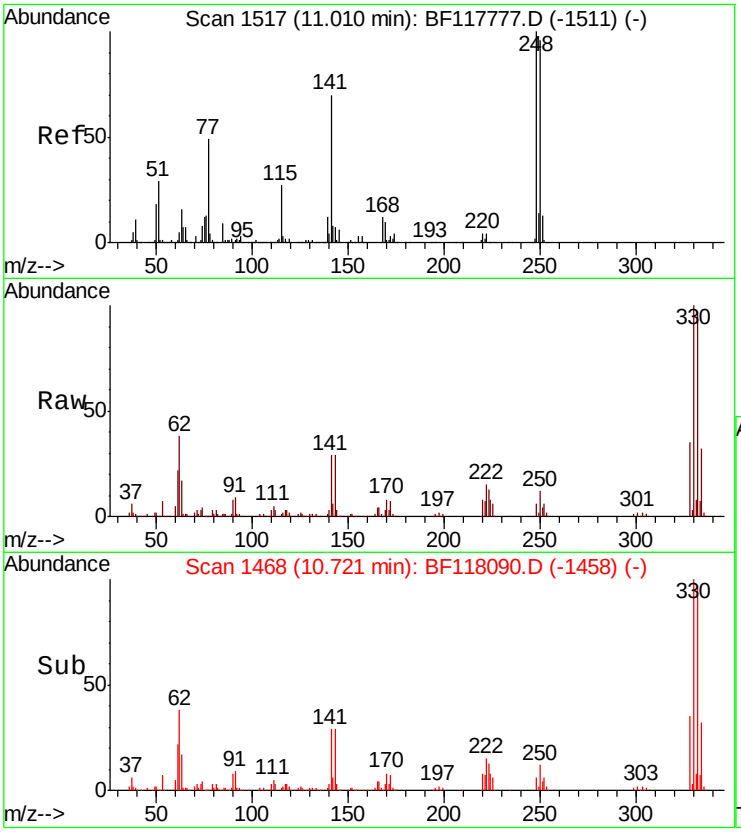


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:188 Resp: 634772

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.7	7.2	10.8



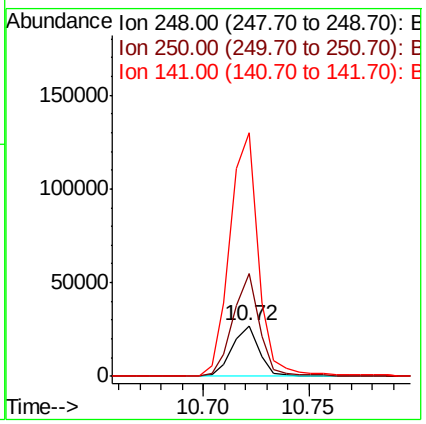


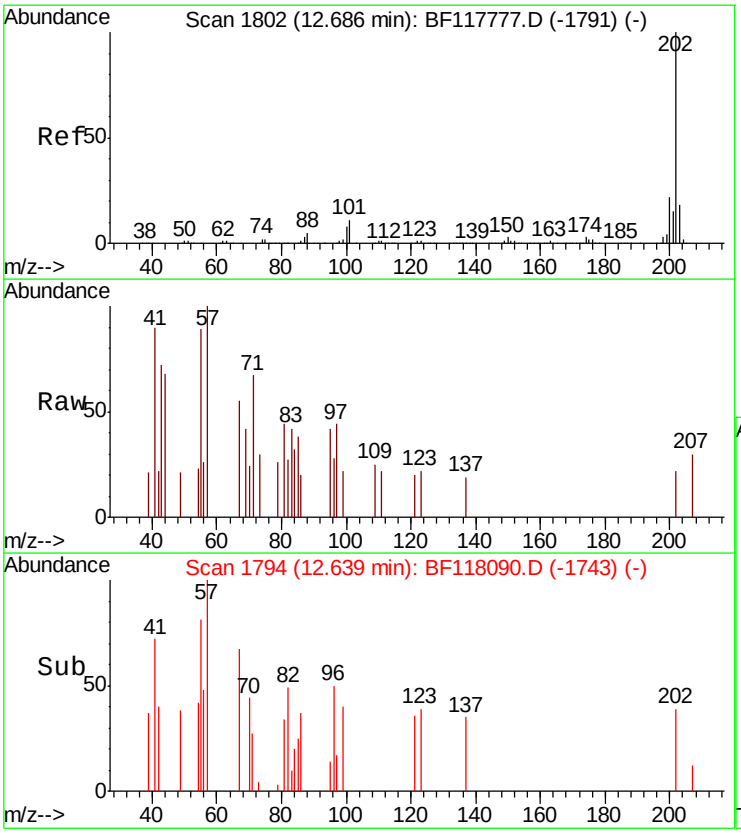
#67
4-Bromophenyl-phenylether
Concen: 3.516 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24084

Ion	Ratio	Lower	Upper
248	100		
250	203.6	78.0	117.0#
141	481.8	64.0	96.0#

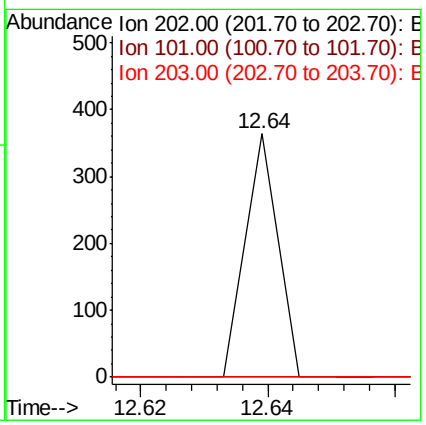


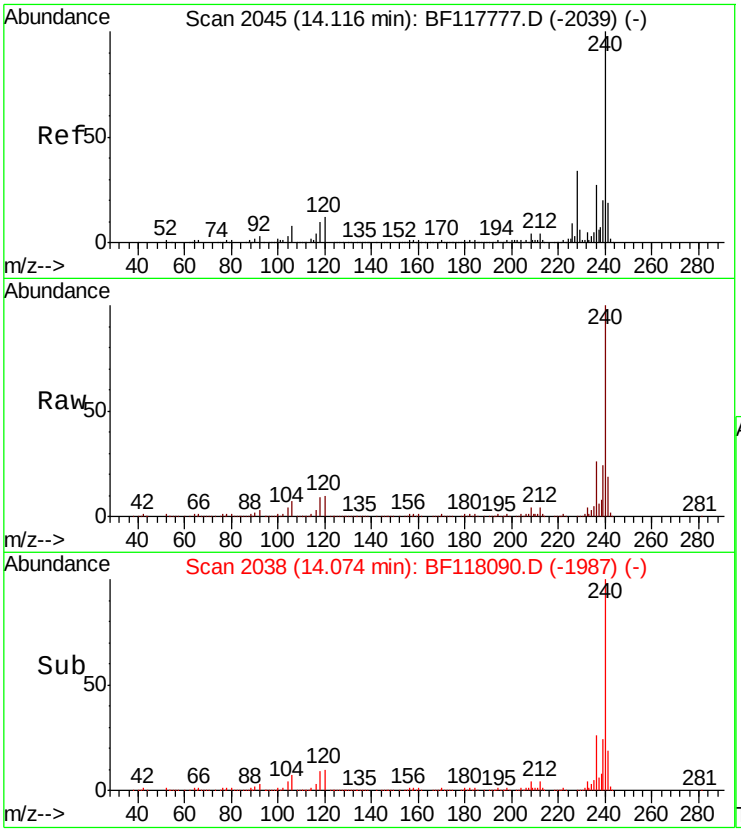


#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:202 Resp: 128

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.6



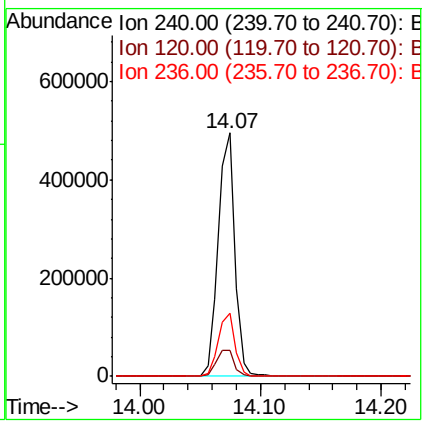


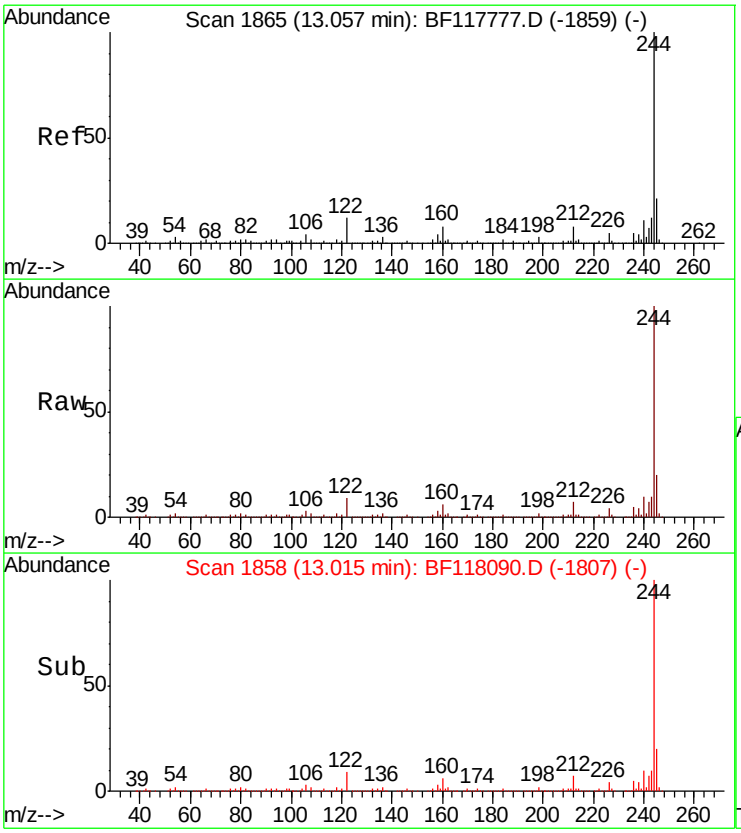
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 468155

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.0	20.6	31.0

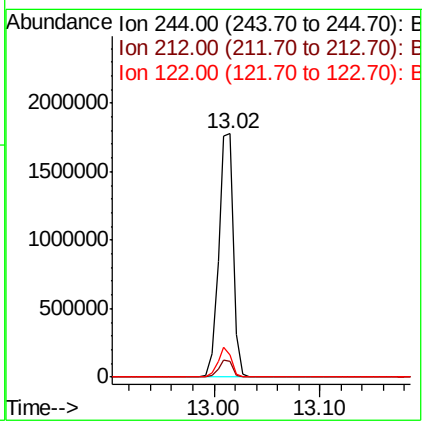


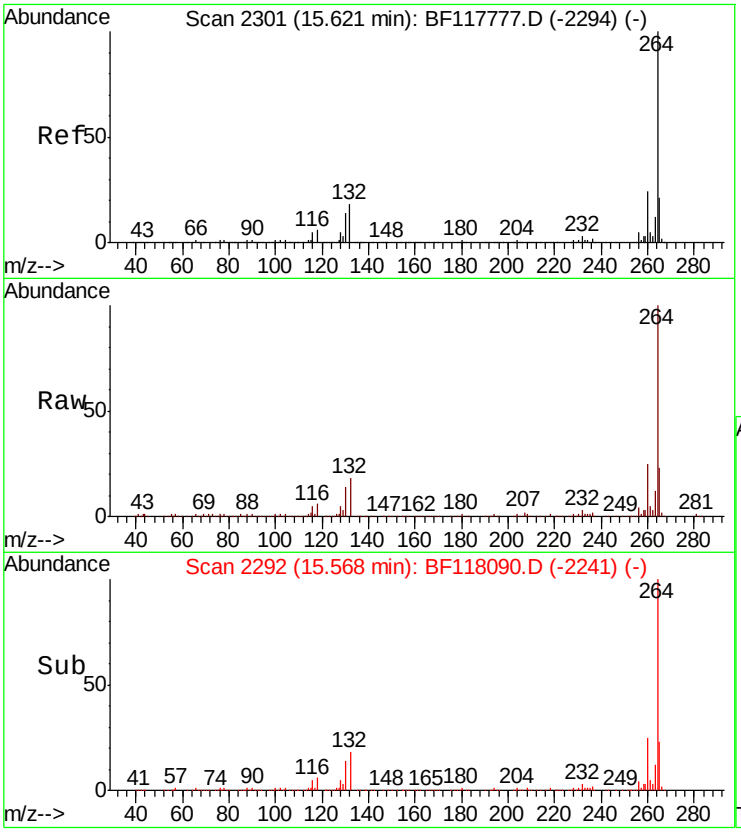


#79
Terphenyl-d14
Concen: 67.773 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:244 Resp: 1736063

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.1	7.2	10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 396482

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	22.8	16.4	24.6