Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118272.D
Acq On : 18 Dec 2019 21:26
Operator : JU
Sample : K6357-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 19 03:11:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98975	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	382487	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	204467	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	393464	20.00	ng		0.00
76) Chrysene-d12	14.06	240	271810	20.00	ng		-0.01
87) Perylene-d12	15.54	264	260711	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	596448	105.55	ng		0.00
7) Phenol-d6	6.49	99	746327	109.19	ng		0.00
23) Nitrobenzene-d5	7.42	82	443856	65.28	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	254641	102.52	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	966259	71.91	ng		-0.02
79) Terphenyl-d14	12.99	244	1176314	74.42	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1191	Below Cal		#	1
10) Phenol	6.50	94	17821	2.286	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	59235	14.262	ng	#	76
25) Isophorone	7.42	82	443849	38.510	ng	#	62
50) Dimethylphthalate	9.62	163	55838	3.697	ng		98
51) 2,6-Dinitrotoluene	9.91	165	26663	8.119	ng	#	26
57) 2,4-Dinitrotoluene	9.91	165	26663	6.083	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	15690	3.493	ng	#	1
77) Benzidine	12.99	184	15509	2.167	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118272.D
Acq On : 18 Dec 2019 21:26
Operator : JU
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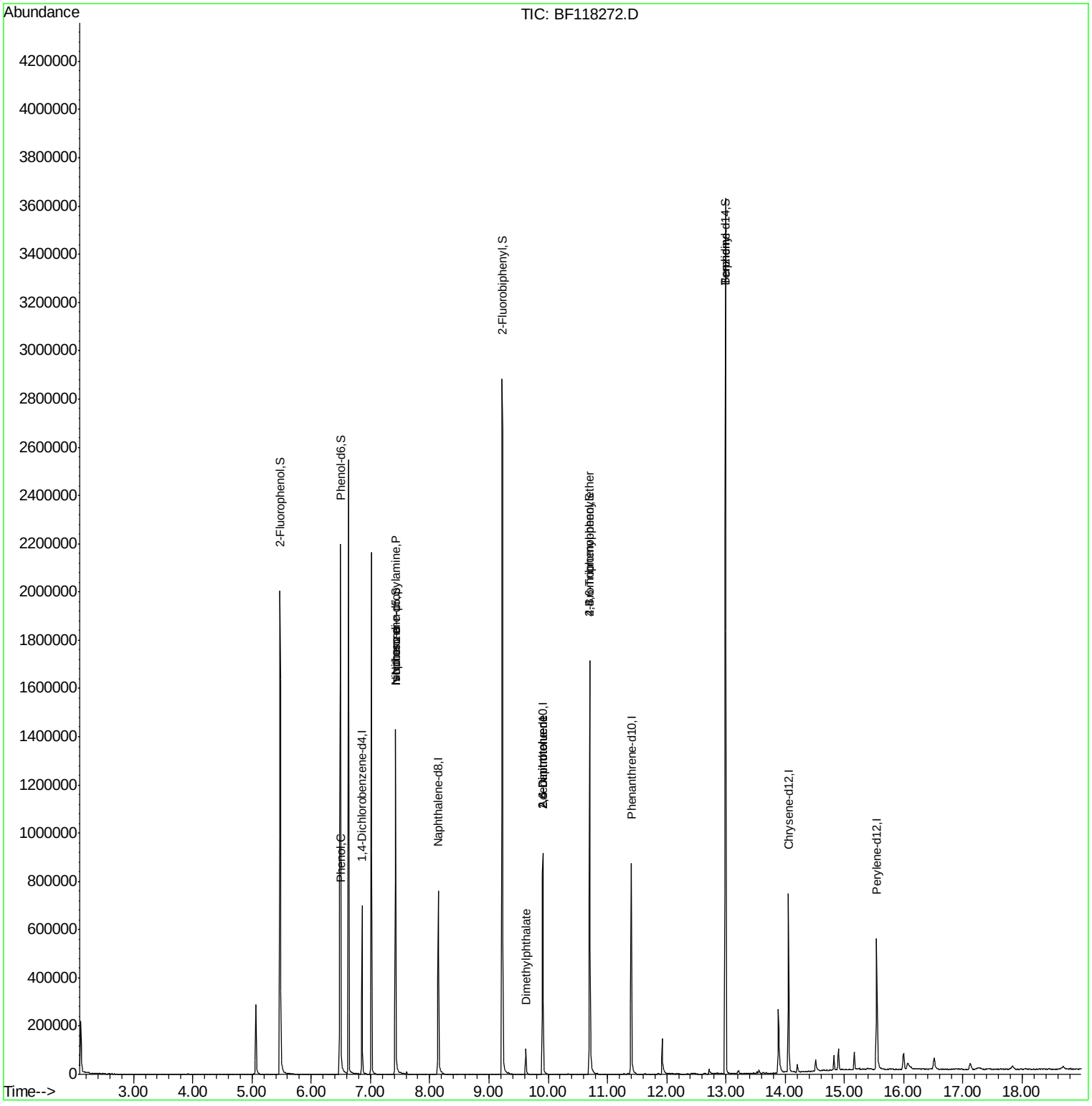
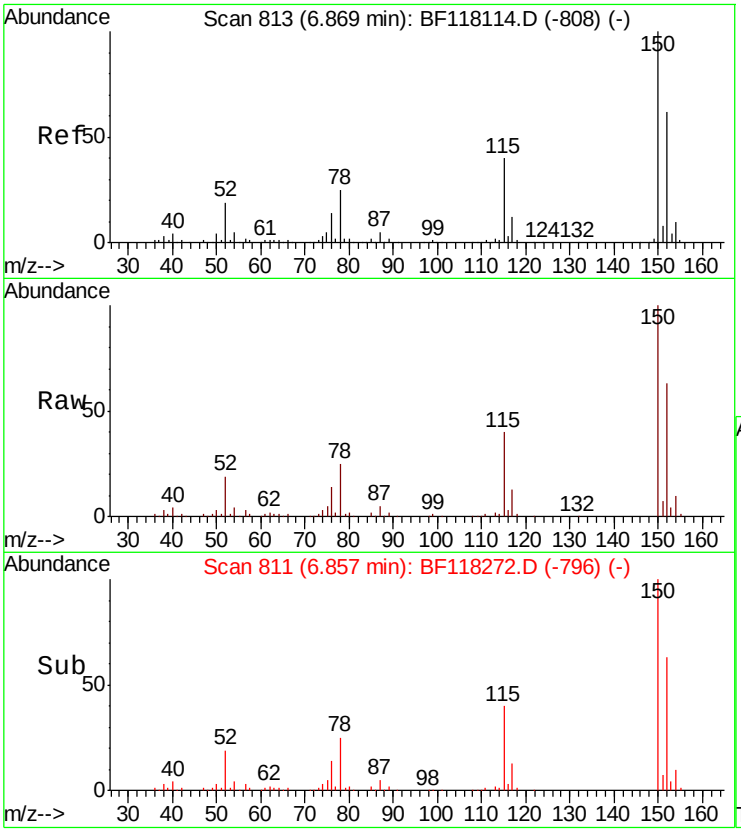
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 19 03:11:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



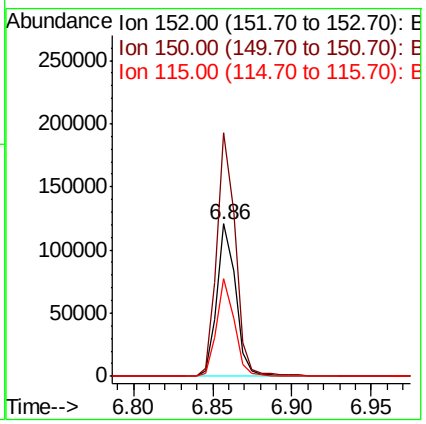


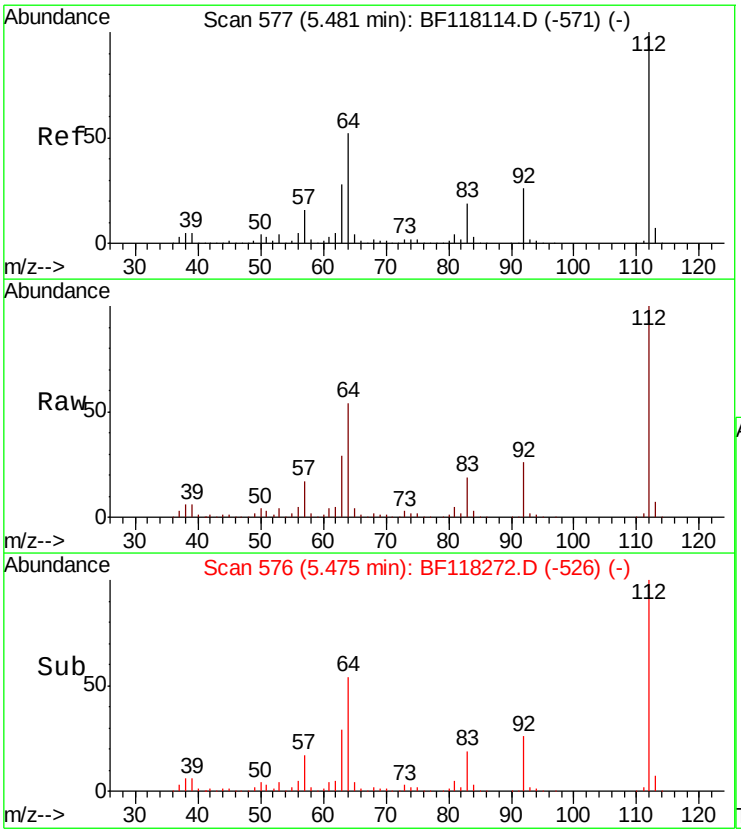
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98975

Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.3	192.5
115	63.9	51.1	76.7

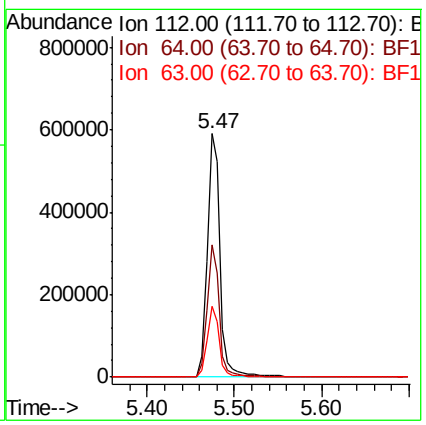


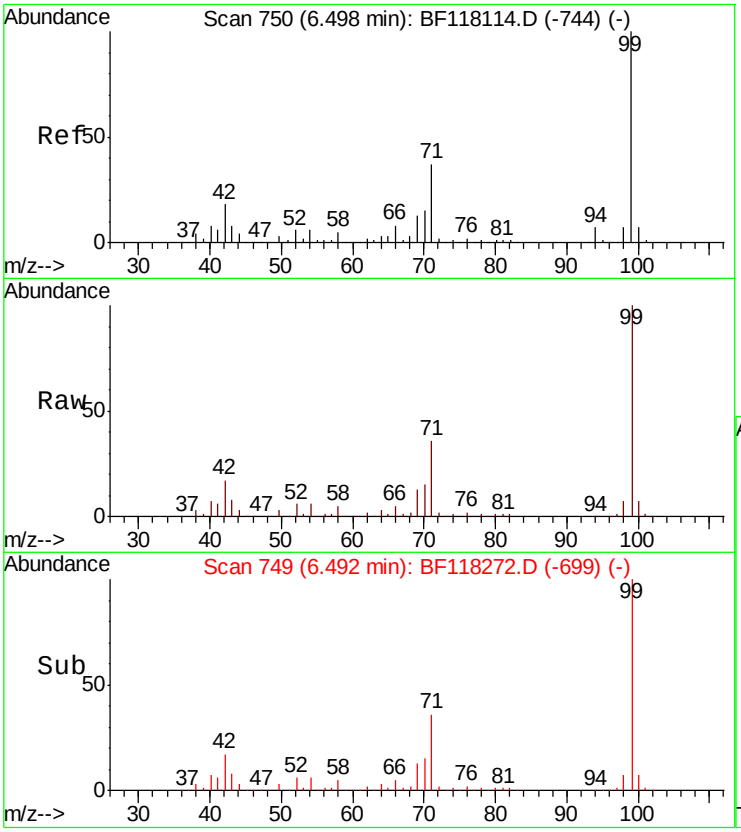


#5
2-Fluorophenol
Concen: 105.548 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:112 Resp: 596448

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.2	22.4	33.6



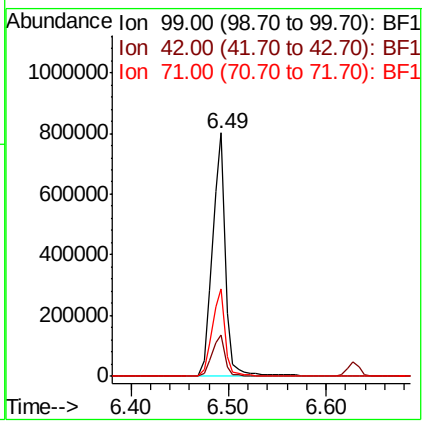


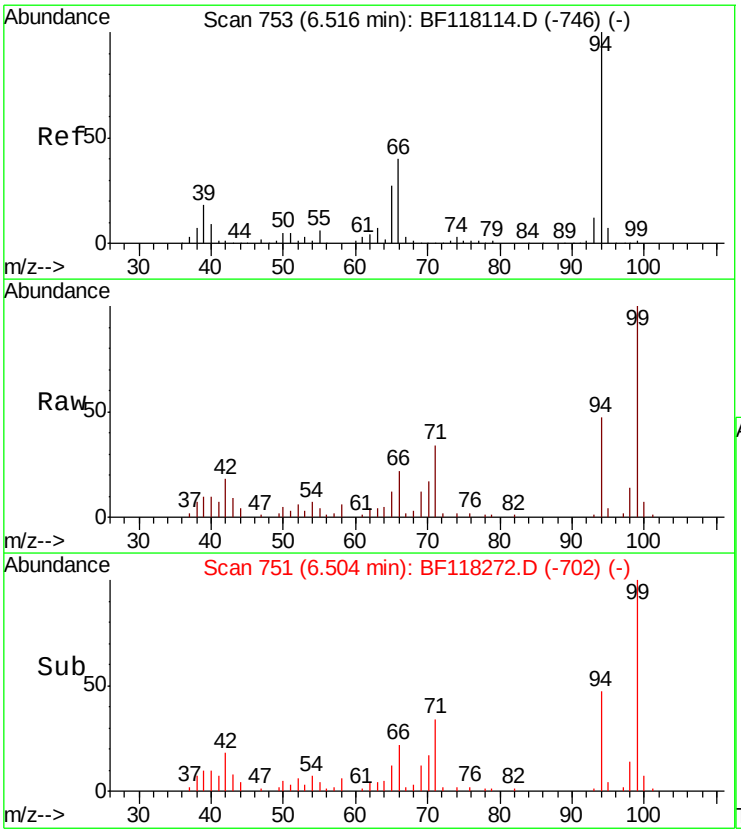
#7
Phenol-d6
Concen: 109.191 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 746327

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	35.9	29.7	44.5

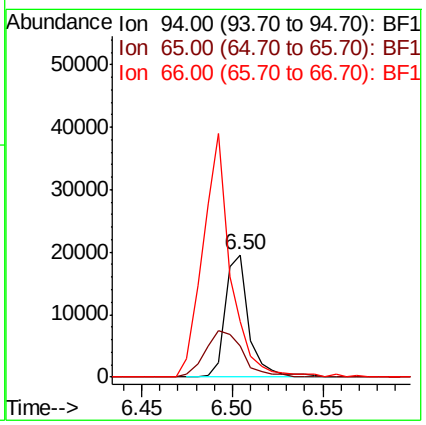


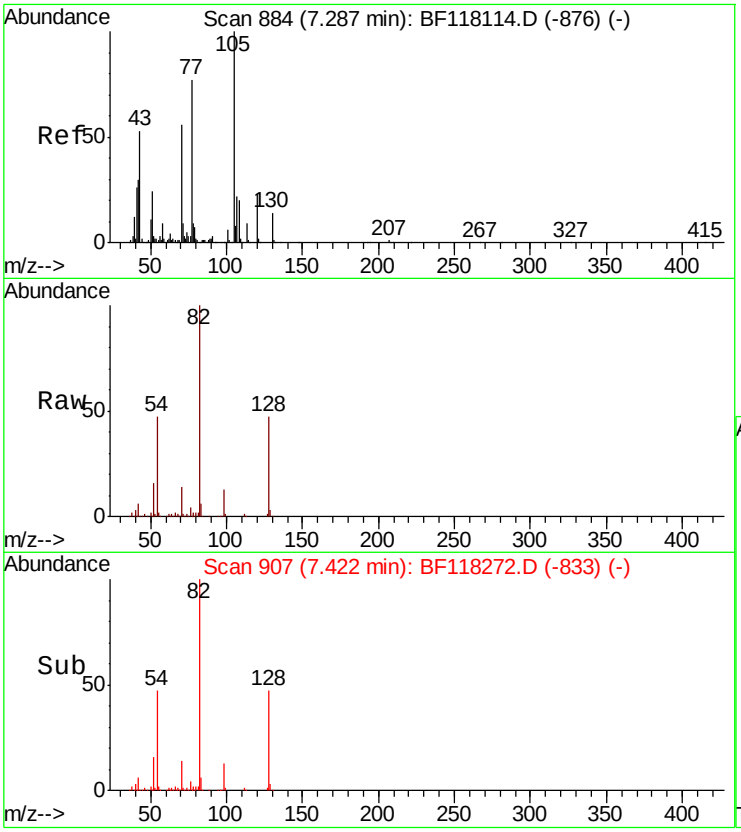


#10
Phenol
Concen: 2.286 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion: 94 Resp: 17821

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.3	47.3
66	45.4	20.2	60.2



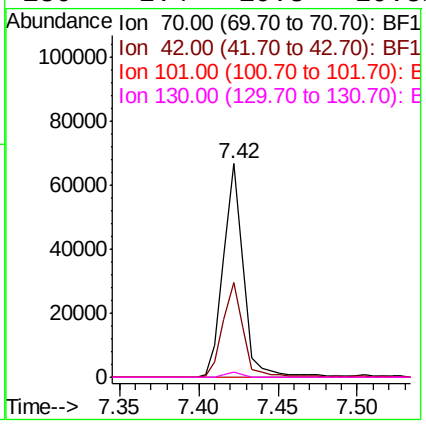


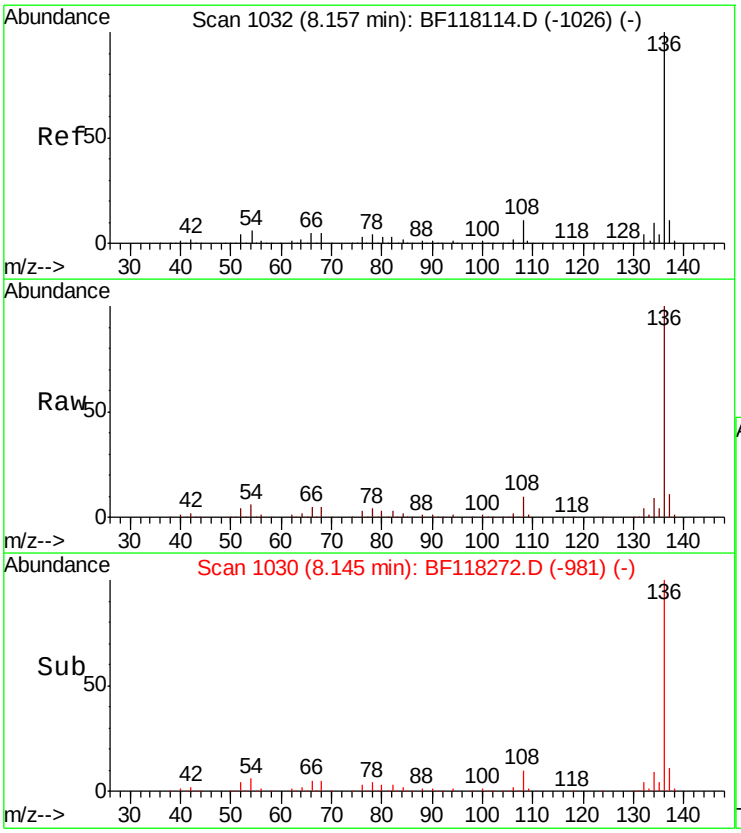
#19
n-Nitroso-di-n-propylamine
Concen: 14.262 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59235

Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.2	64.8
101	0.0	8.1	12.1#
130	2.4	19.8	29.8#

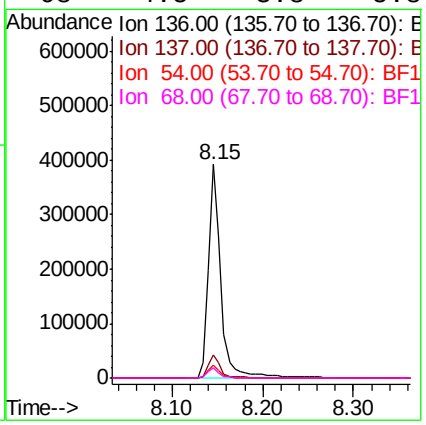


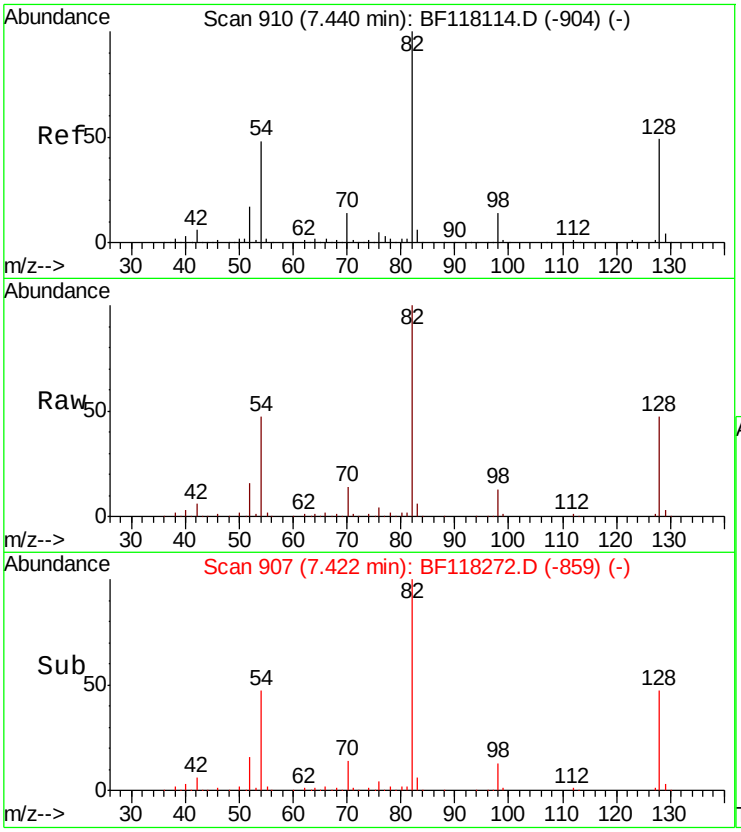


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:136 Resp: 382487

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	5.9	5.0	7.6
68	4.5	3.8	5.8



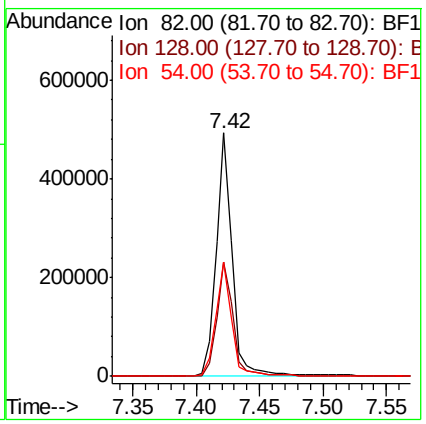


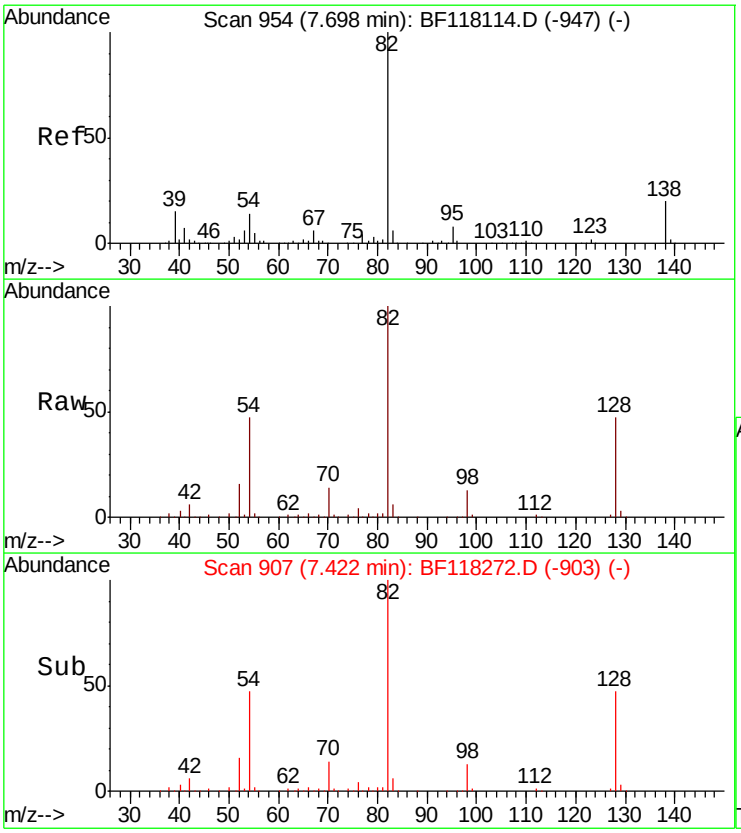
#23
Nitrobenzene-d5
Concen: 65.284 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 443856

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.1	58.7
54	47.2	38.2	57.2

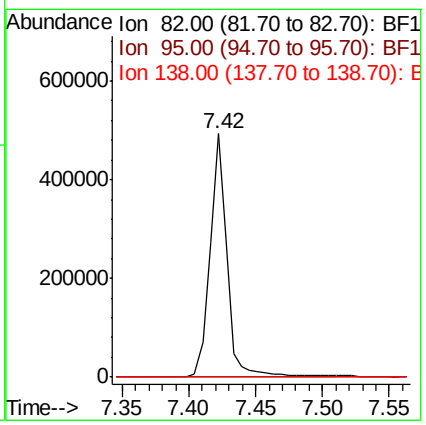


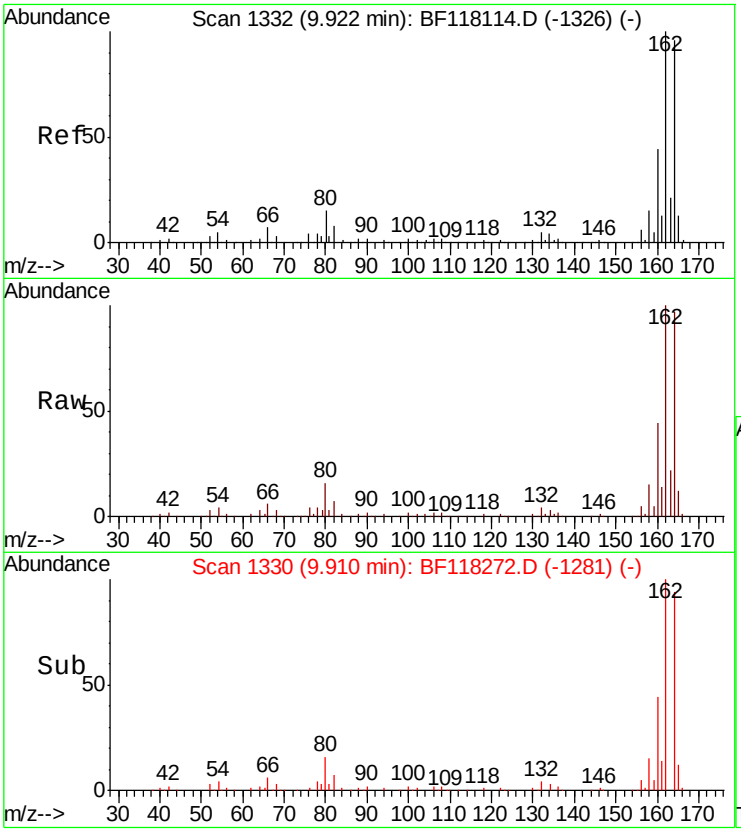


#25
Isophorone
Concen: 38.510 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion: 82 Resp: 443849

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



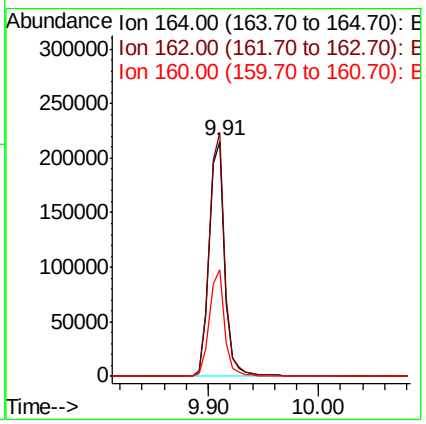


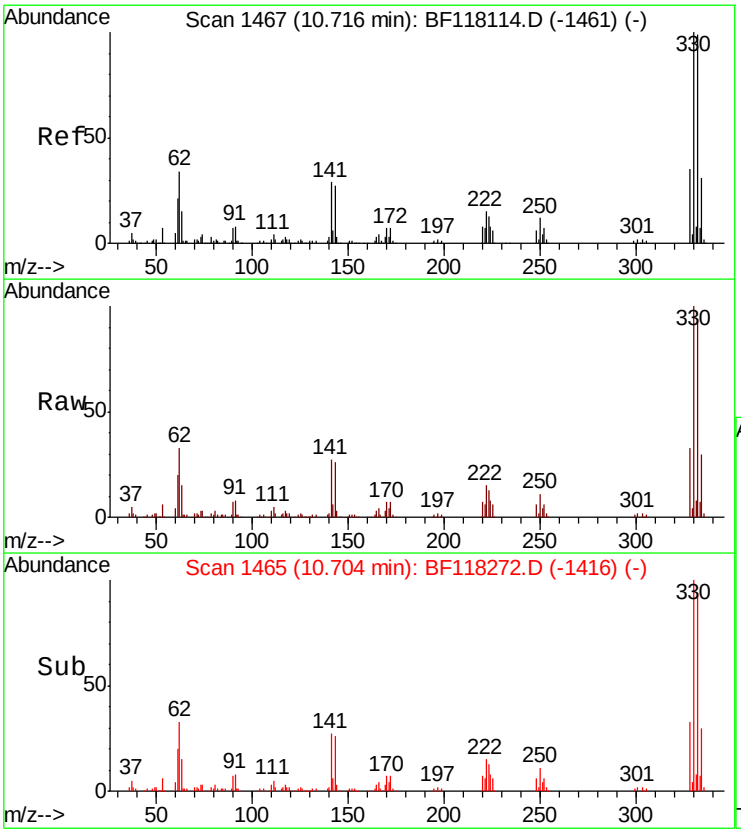
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 204467

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.4	125.0
160	45.2	36.6	54.8

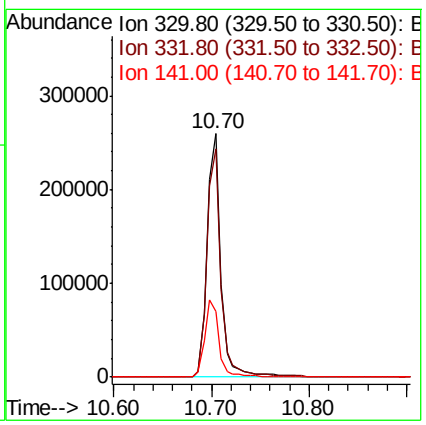


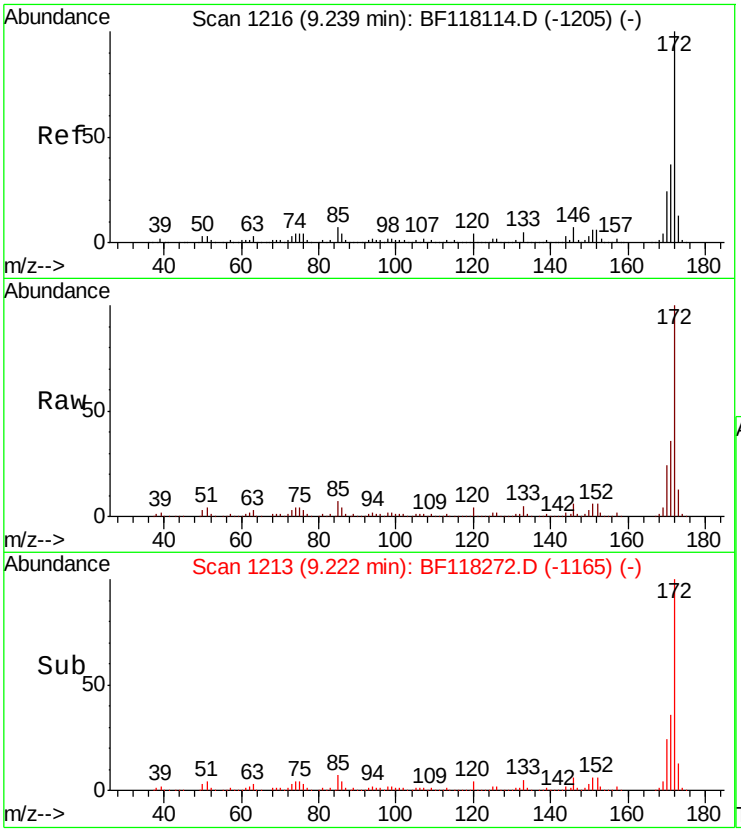


#42
2,4,6-Tribromophenol
Concen: 102.517 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:330 Resp: 254641

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	32.9	26.9	40.3



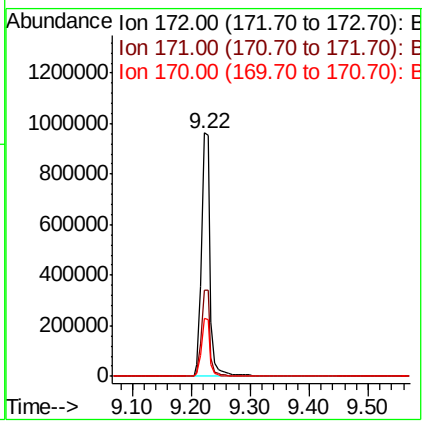


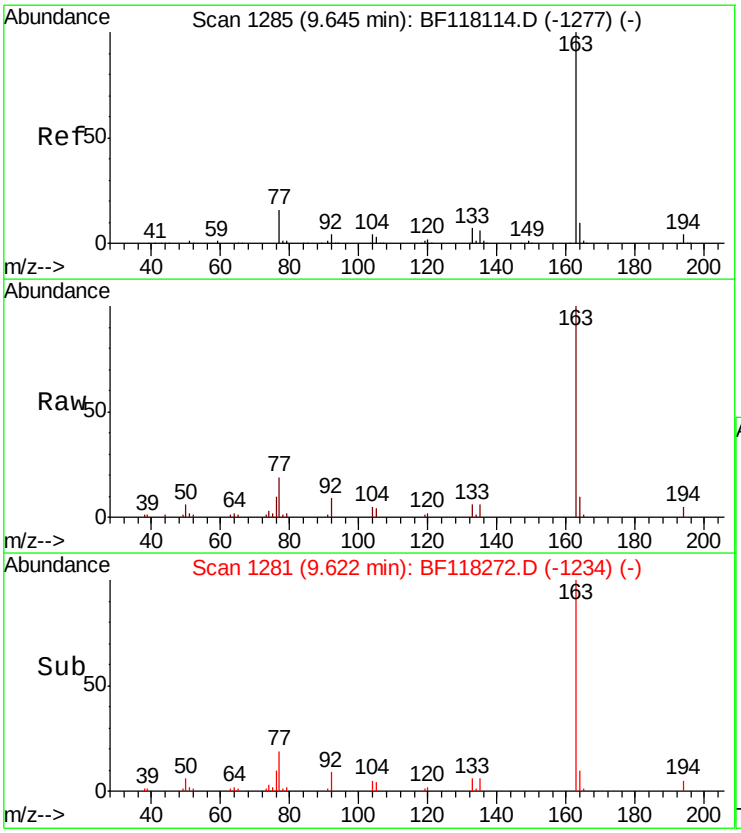
#45
2-Fluorobiphenyl
Concen: 71.909 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 966259

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	23.6	19.4	29.2

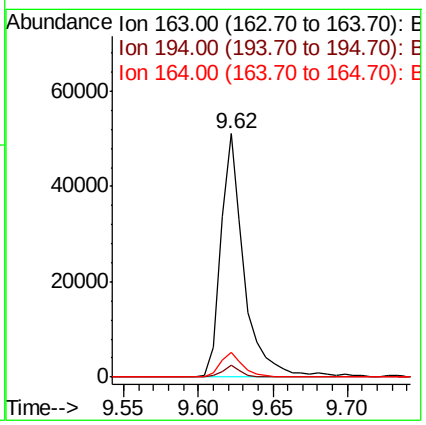


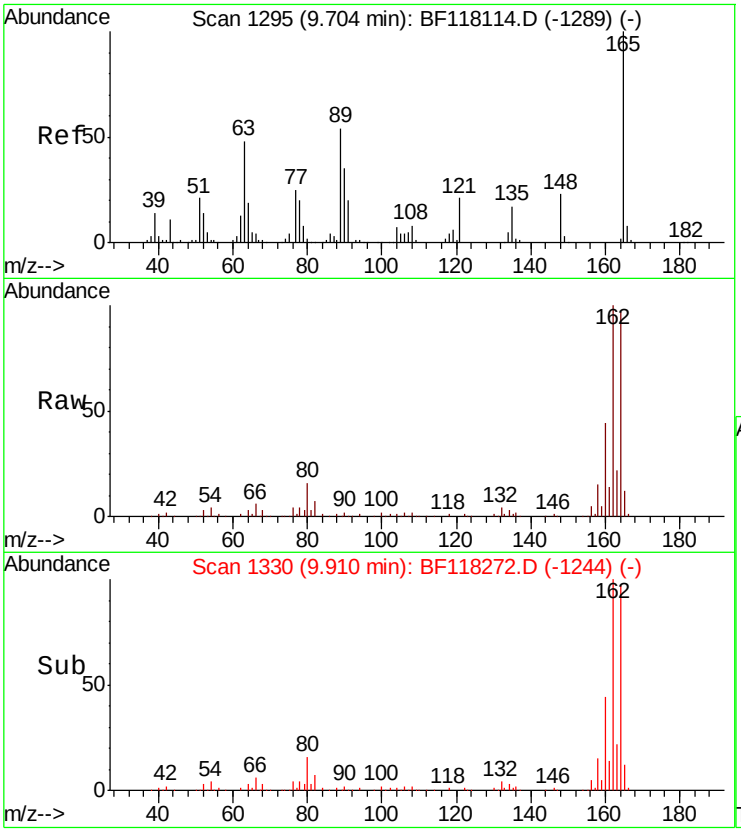


#50
Dimethylphthalate
Concen: 3.697 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:163 Resp: 55838

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.1	4.7
164	10.0	7.7	11.5



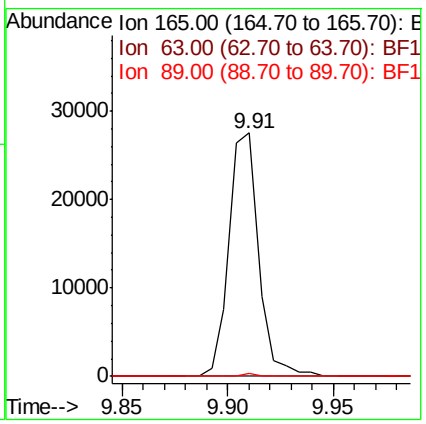


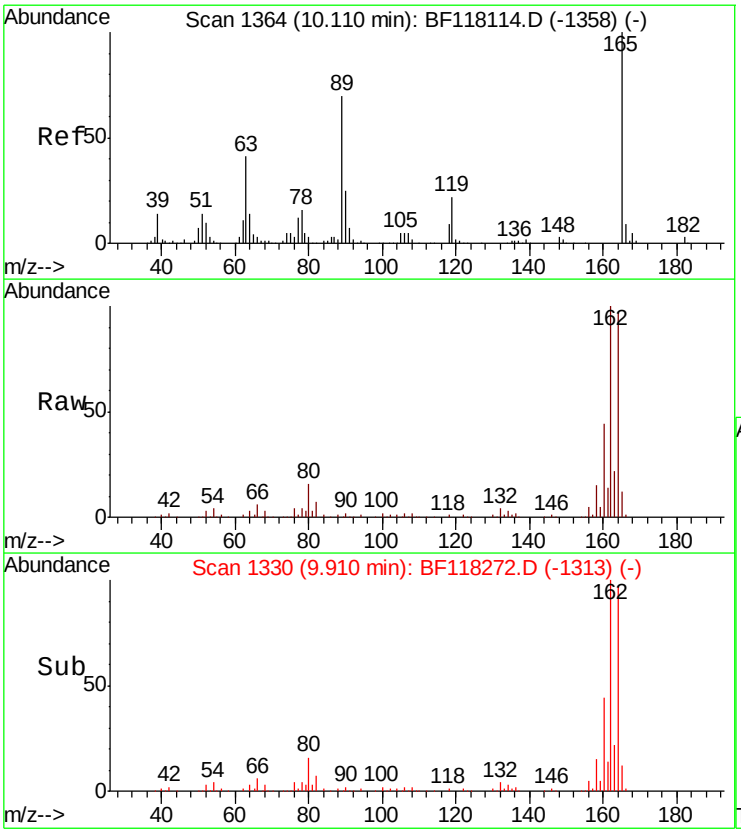
#51
2,6-Dinitrotoluene
Concen: 8.119 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26663

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	1.3	42.9	64.3#

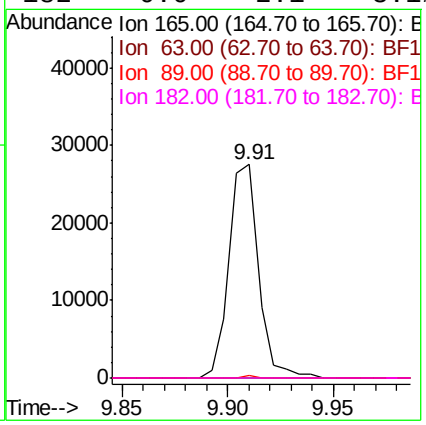


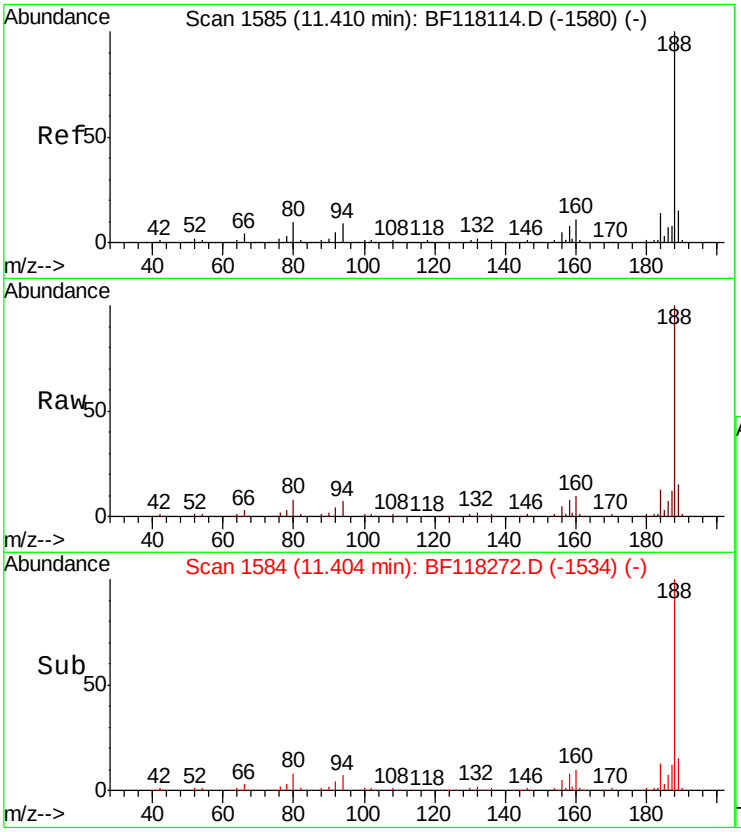


#57
2,4-Dinitrotoluene
Concen: 6.083 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:165 Resp: 26663

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	1.3	56.1	84.1#
182	0.0	2.1	3.1#



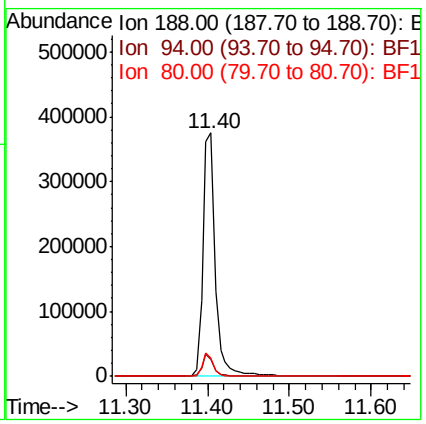


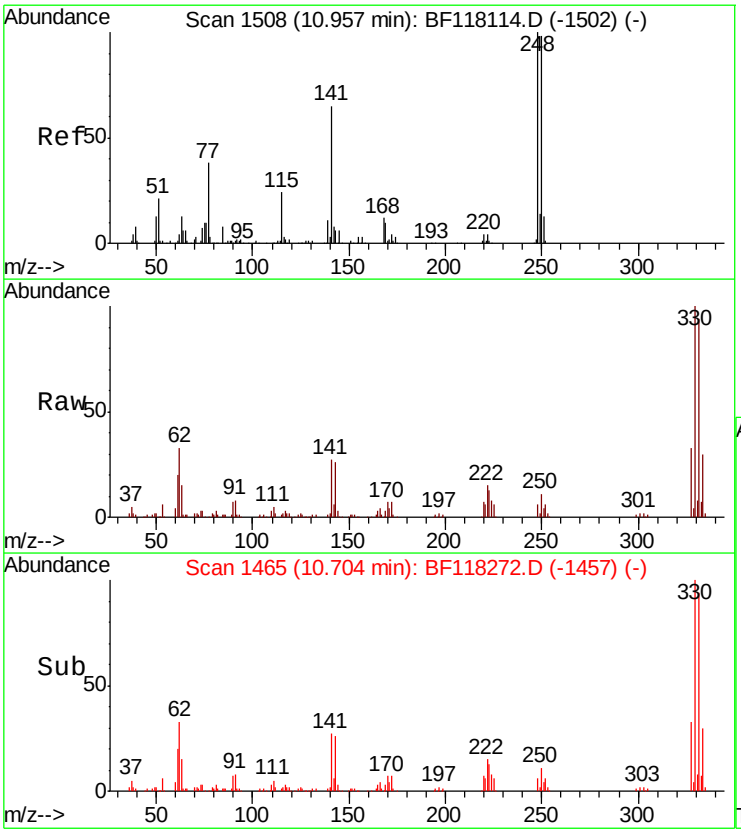
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 393464

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	7.8	7.9	11.9#

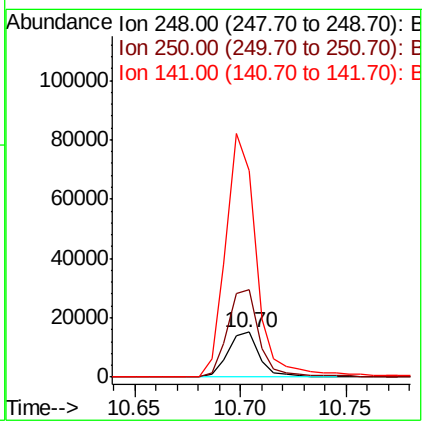


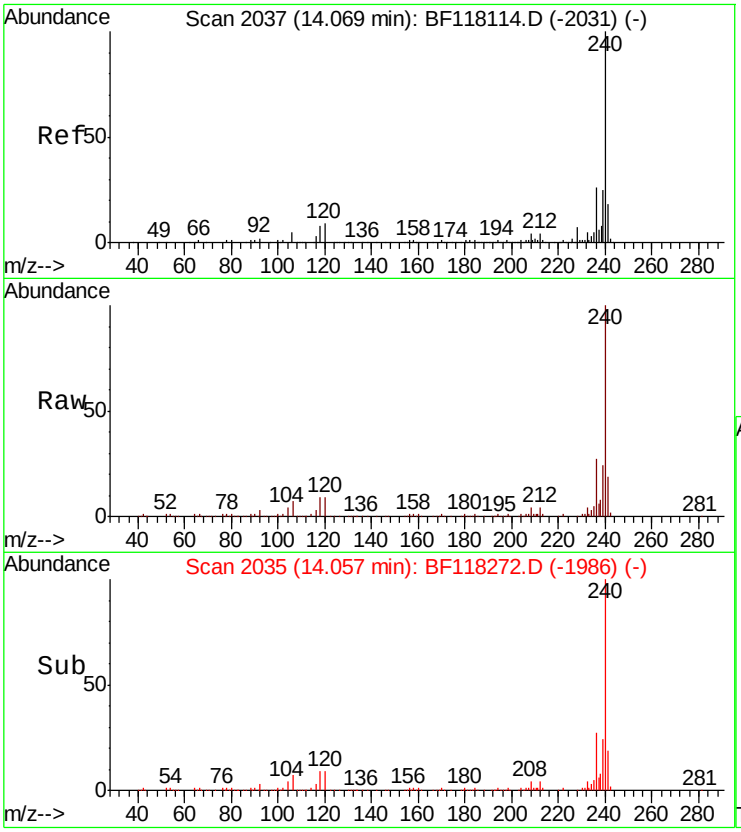


#67
4-Bromophenyl-phenylether
Concen: 3.493 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:248 Resp: 15690

Ion	Ratio	Lower	Upper
248	100		
250	194.9	78.3	117.5#
141	461.7	52.2	78.4#



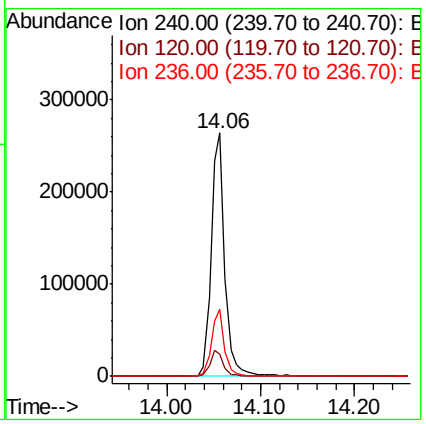


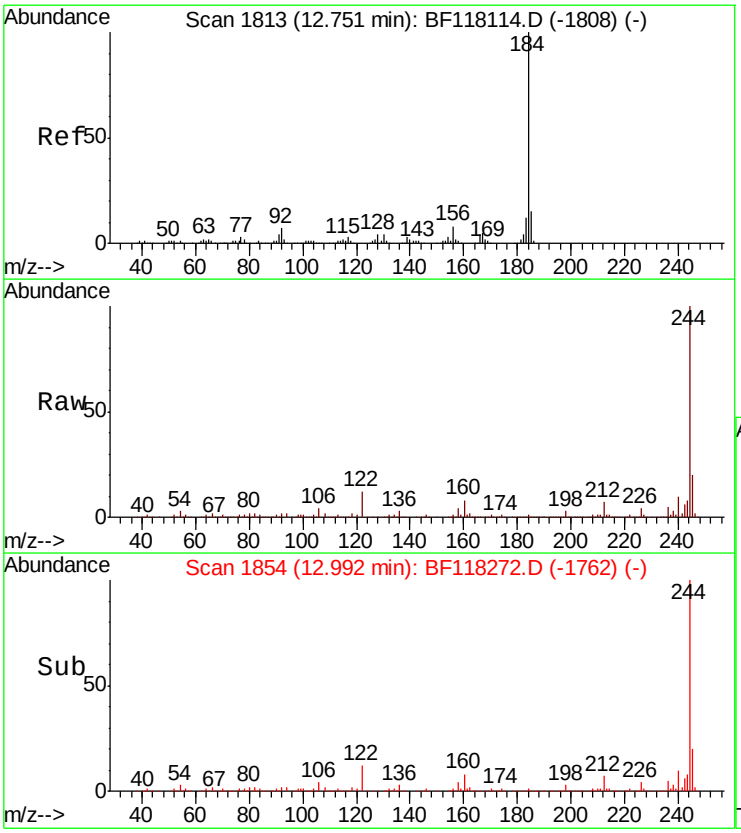
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 271810

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	27.4	21.0	31.6

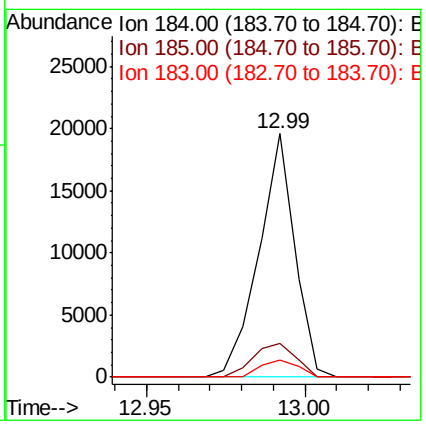


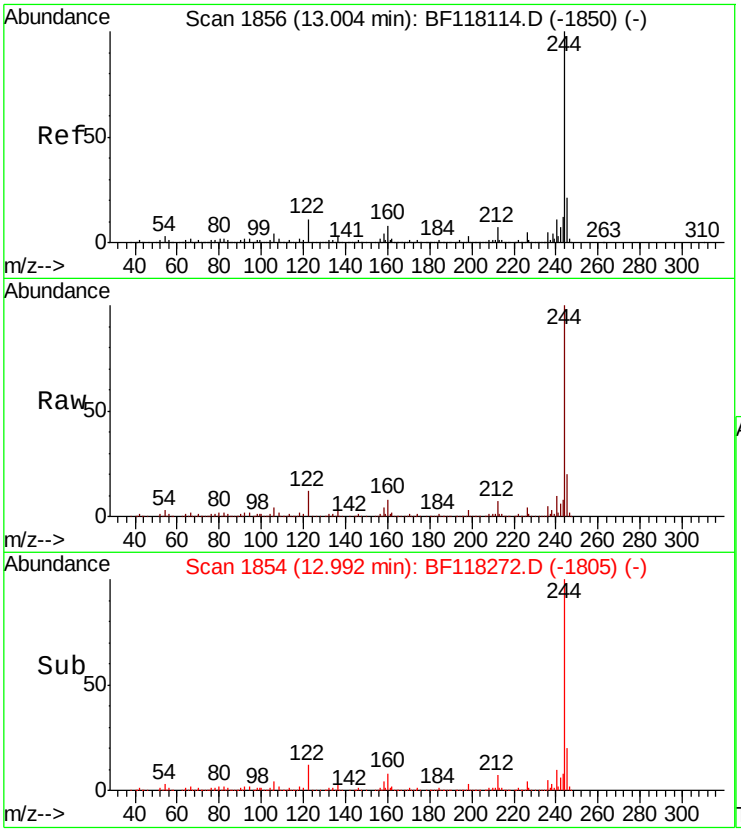


#77
Benzidine
Concen: 2.167 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:184 Resp: 15509

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.3	18.5
183	7.2	9.9	14.9#



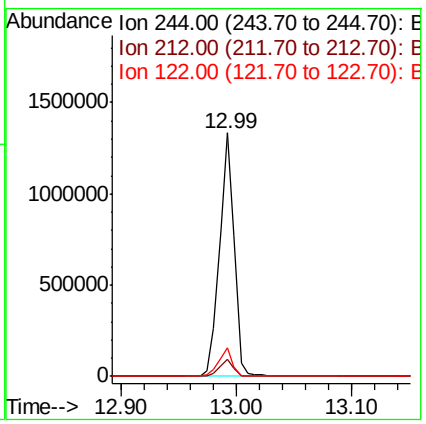


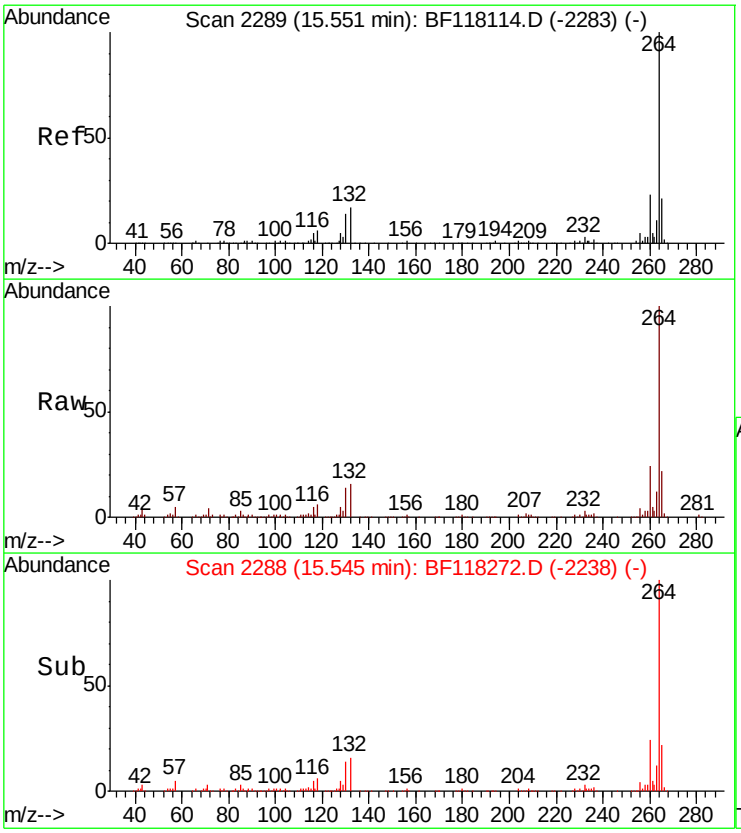
#79
Terphenyl-d14
Concen: 74.420 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1176314

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.7	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:264 Resp: 260711

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.5	16.8	25.2