Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
Data File : BF120216.D
Acq On : 27 Apr 2020 14:01
Operator : MA/SJ
Sample : PB128487BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128487BL

Quant Time: Apr 27 14:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	124421	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	471953	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	244023	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	480545	20.00	ng	0.00
76) Chrysene-d12	13.82	240	362242	20.00	ng	-0.02
87) Perylene-d12	15.23	264	291596	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1083436	150.49	ng	0.00
7) Phenol-d6	6.32	99	1395647	150.44	ng	-0.01
23) Nitrobenzene-d5	7.23	82	860640	94.34	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	386788	129.46	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1669455	97.13	ng	0.00
79) Terphenyl-d14	12.78	244	1952524	90.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1756	Below Cal	#	1
15) Benzyl Alcohol	6.82	79	14632	2.031	ng	# 49
19) n-Nitroso-di-n-propylamine	7.23	70	112021	18.778	ng	# 76
25) Isophorone	7.23	82	860633	48.939	ng	# 65
50) Dimethylphthalate	9.70	163	54737	2.900	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	32232	7.798	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	32232	5.919	ng	# 20
67) 4-Bromophenyl-phenylether	10.50	248	24144	4.040	ng	# 1

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

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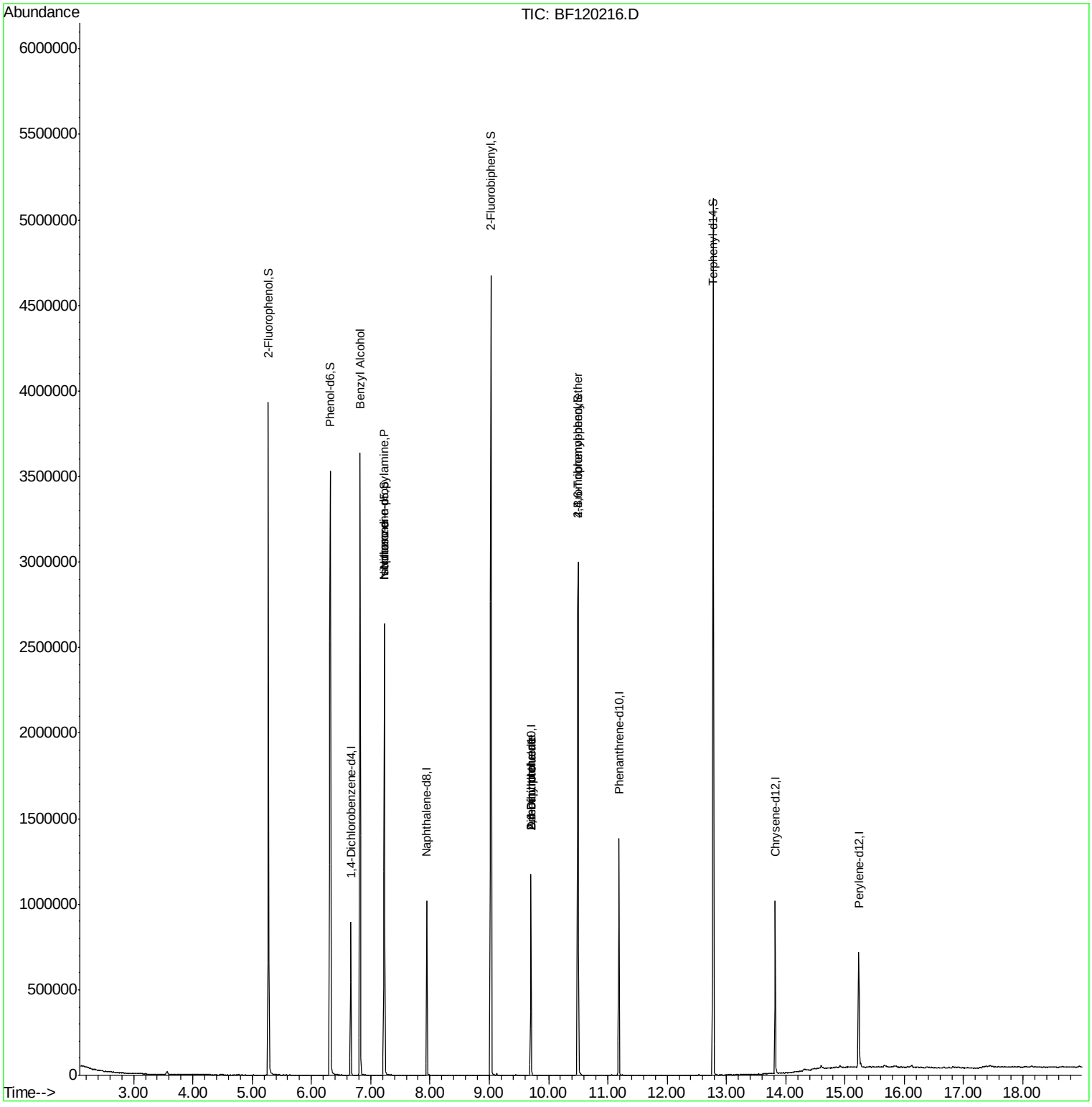
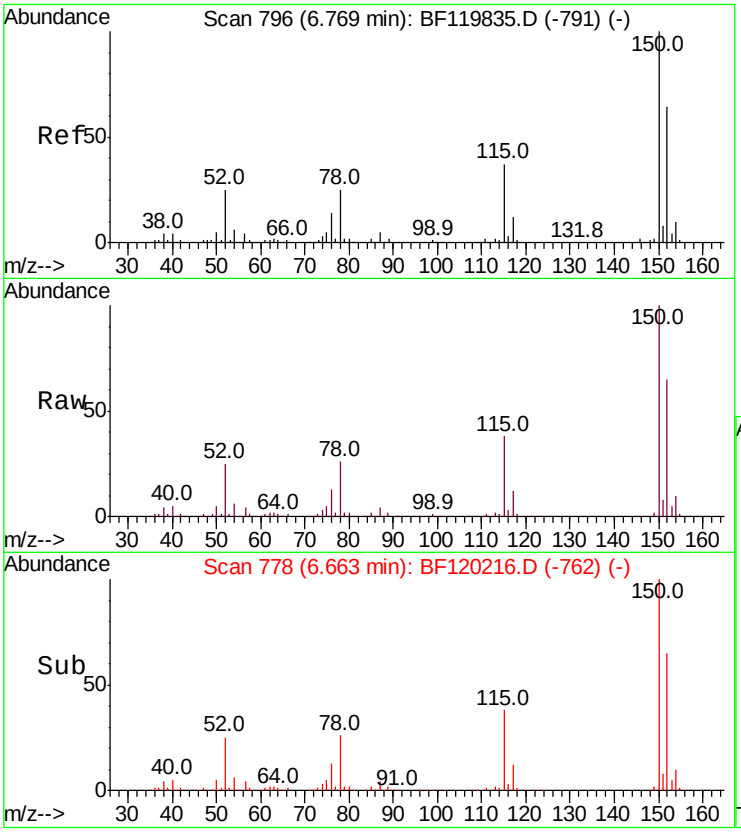


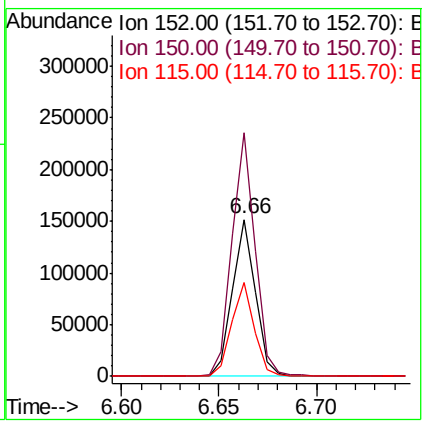


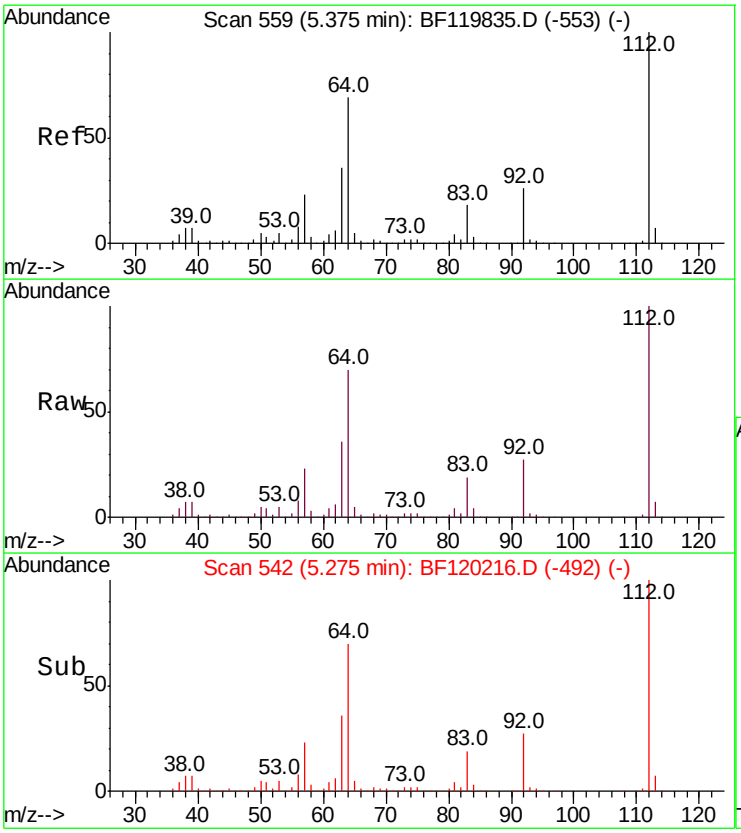
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:152 Resp: 124421

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.5	186.7
115	59.7	49.6	74.4

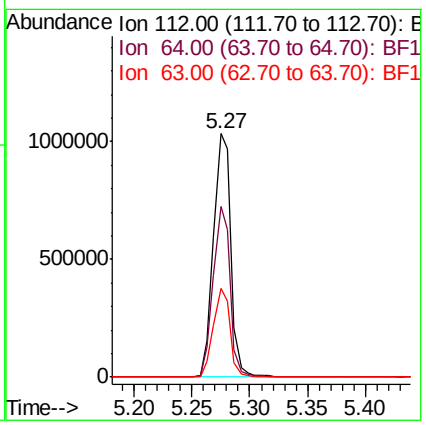


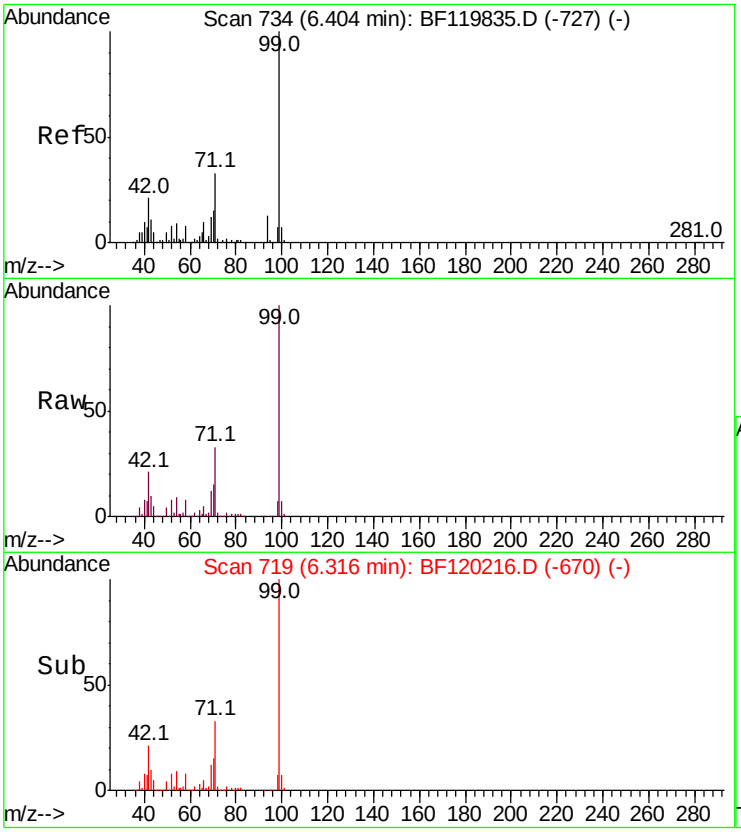


#5
2-Fluorophenol
Concen: 150.487 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:112 Resp: 1083436

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.7	85.1
63	36.5	29.5	44.3



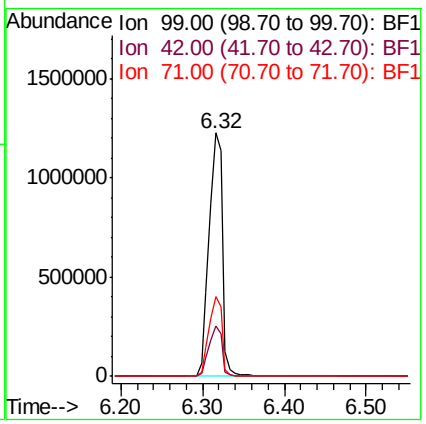


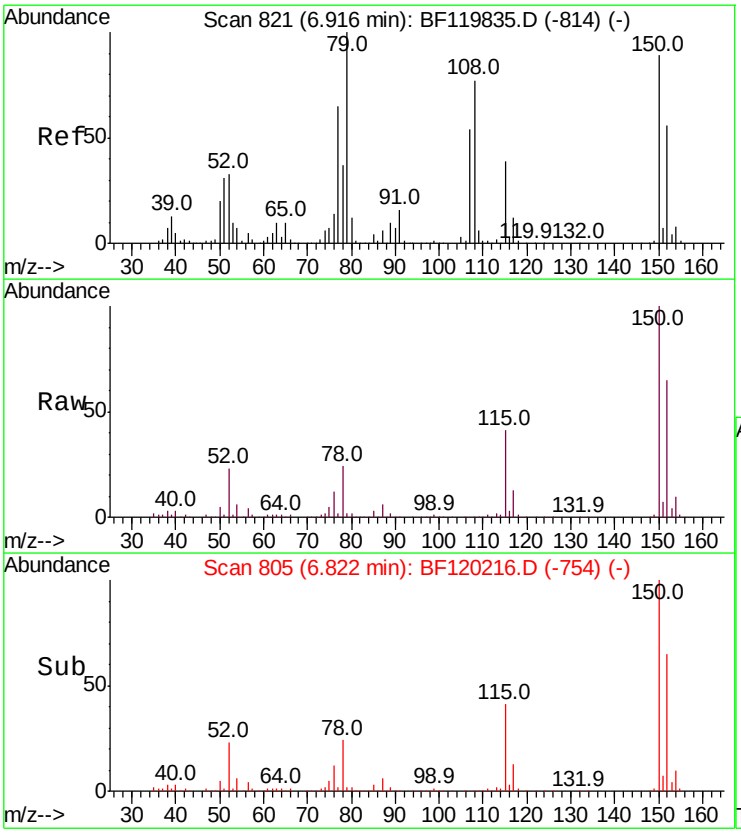
#7
Phenol-d6
Concen: 150.443 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion: 99 Resp: 1395647

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	33.0	26.4	39.6

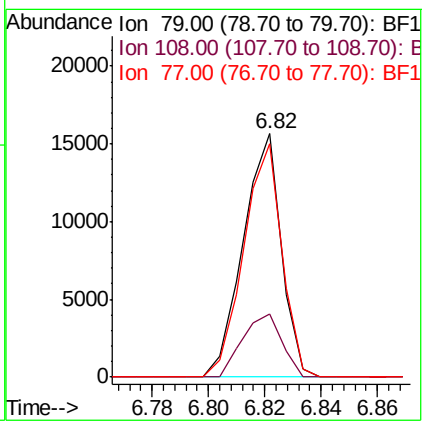


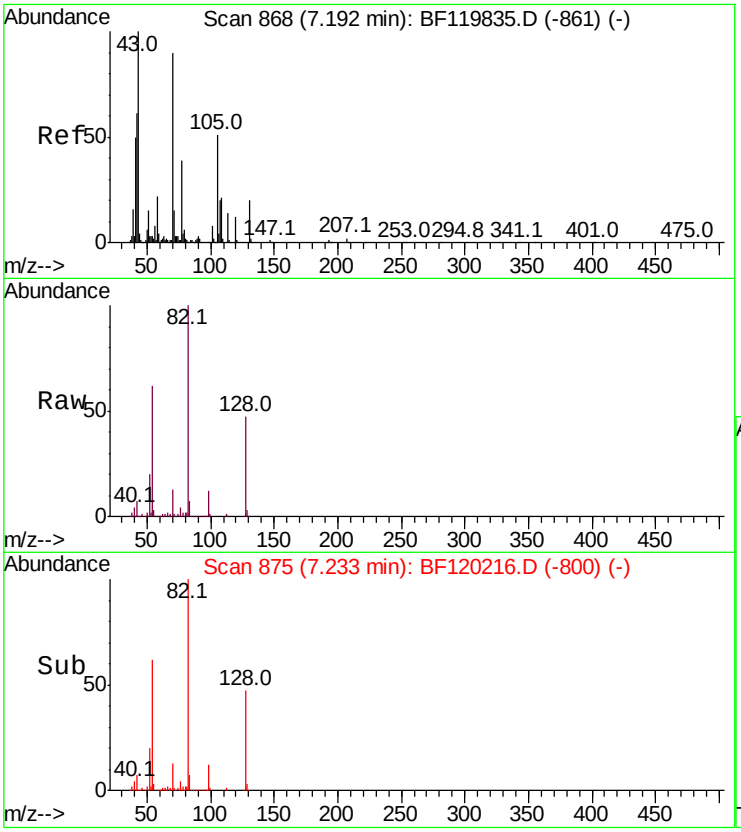


#15
Benzyl Alcohol
Concen: 2.031 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion: 79 Resp: 14632

Ion	Ratio	Lower	Upper
79	100		
108	26.1	60.6	90.8#
77	95.9	50.2	75.2#



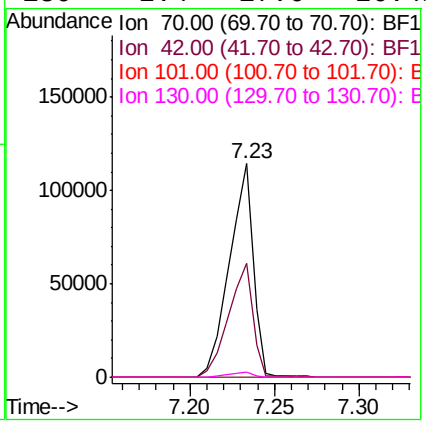


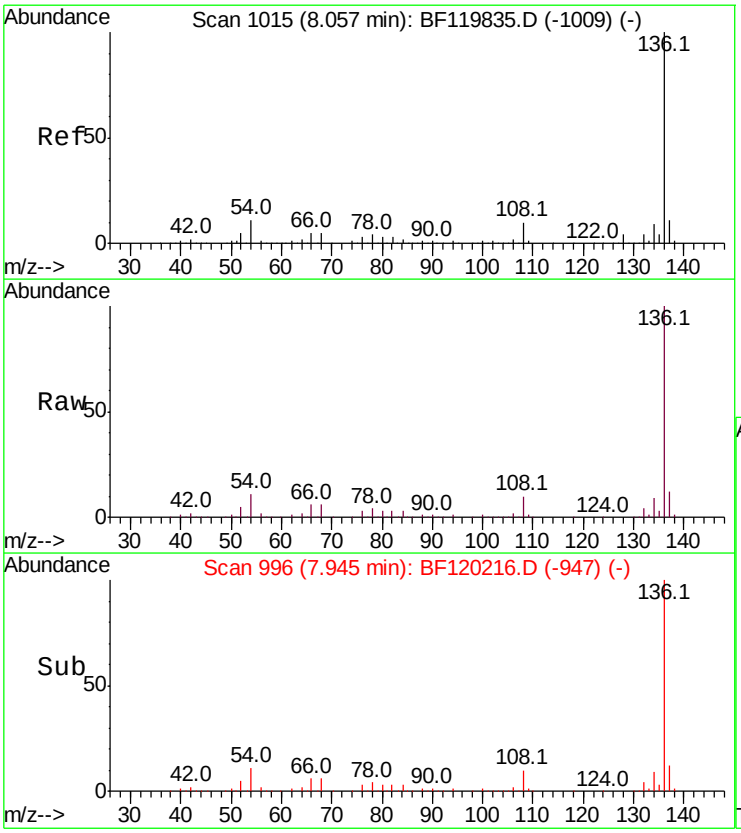
#19
n-Nitroso-di-n-propylamine
Concen: 18.778 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion: 70 Resp: 112021

Ion	Ratio	Lower	Upper
70	100		
42	53.5	54.5	81.7#
101	0.0	7.6	11.4#
130	2.4	17.6	26.4#

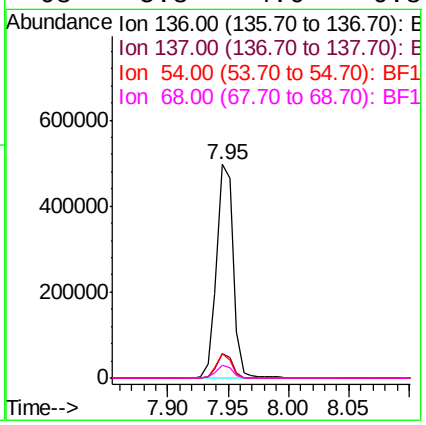


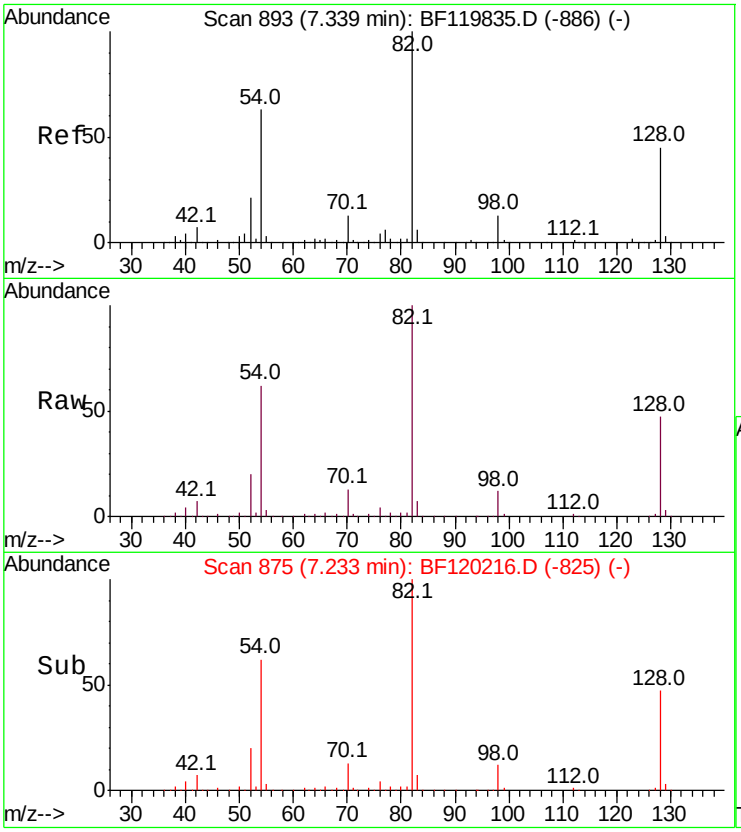


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:136 Resp: 471953

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.3	9.1	13.7
68	5.8	4.6	6.8



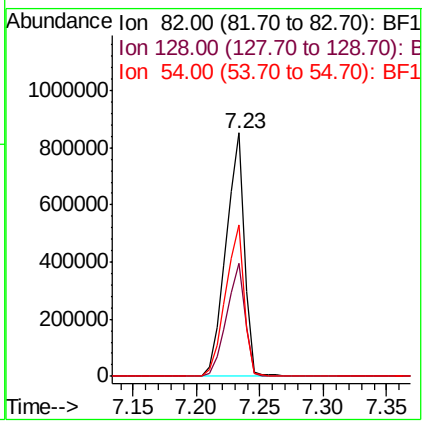


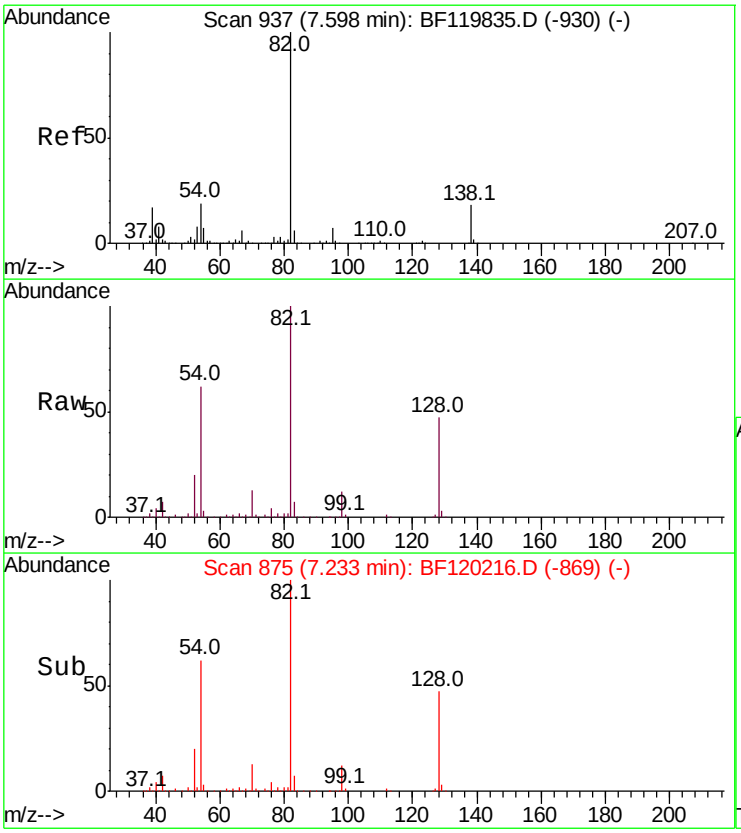
#23
Nitrobenzene-d5
Concen: 94.340 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion: 82 Resp: 860640

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.3	54.5
54	62.4	50.6	75.8

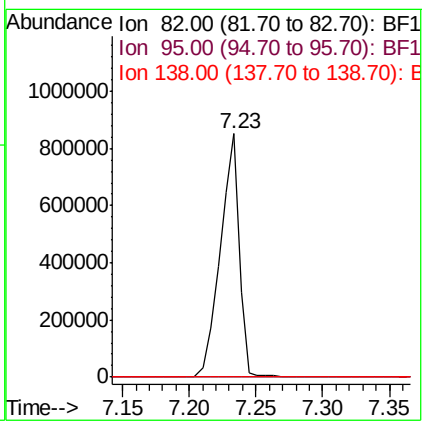


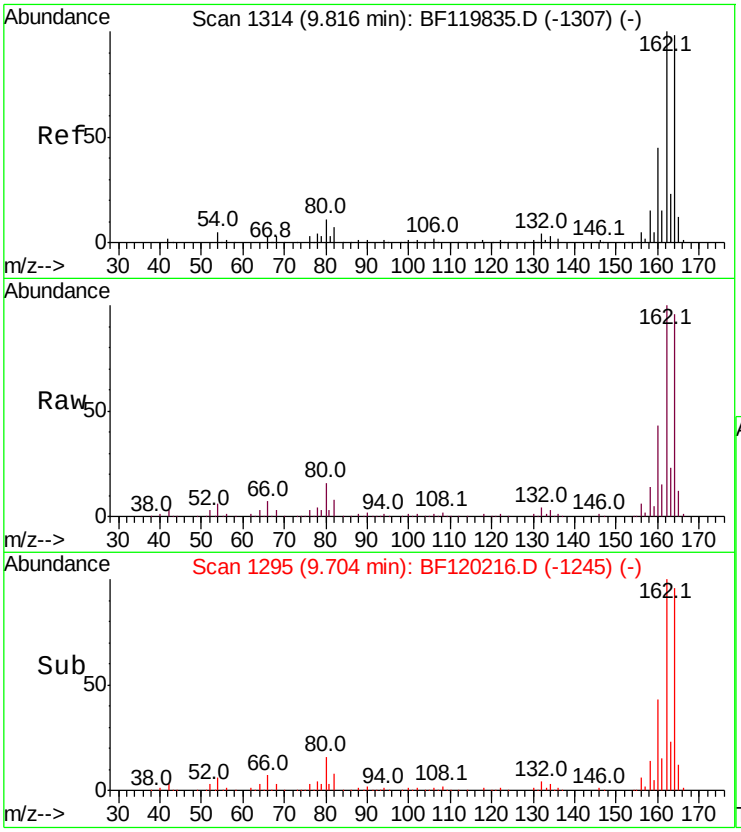


#25
Isophorone
Concen: 48.939 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion: 82 Resp: 860633

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



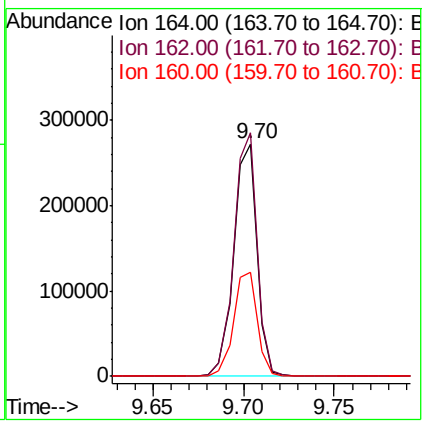


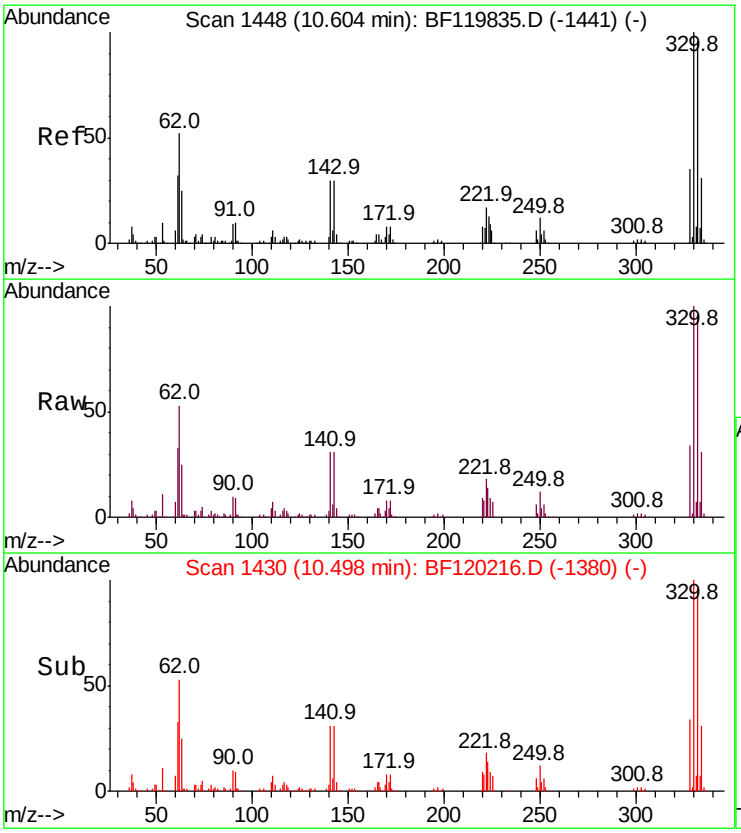
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:164 Resp: 244023

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	121.0
160	44.8	35.7	53.5

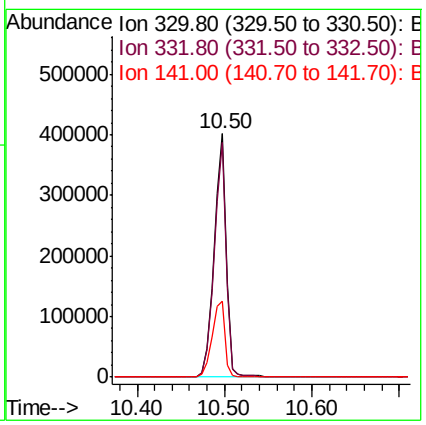


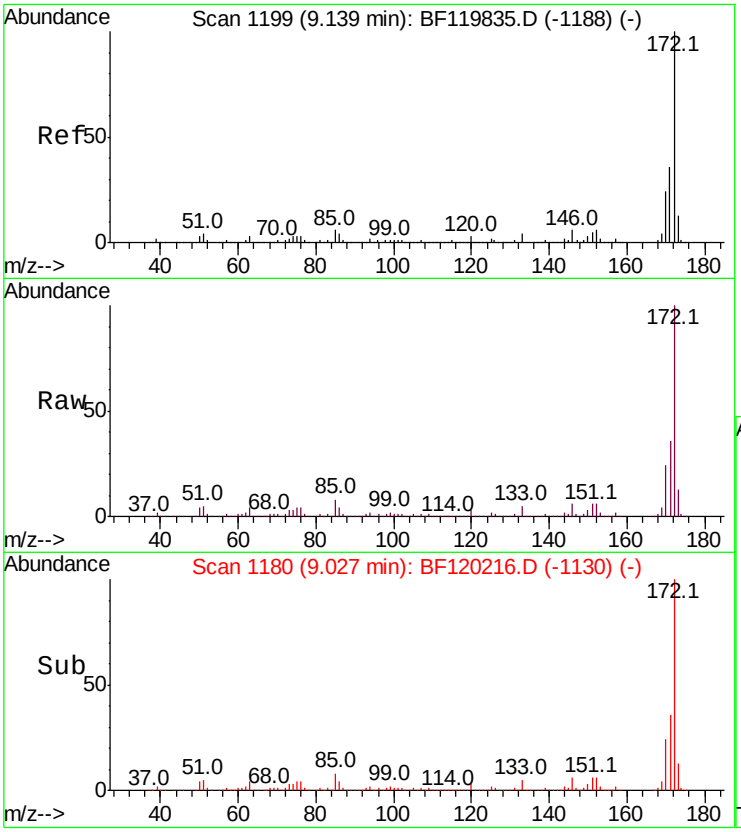


#42
2,4,6-Tribromophenol
Concen: 129.461 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:330 Resp: 386788

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	33.5	25.4	38.0



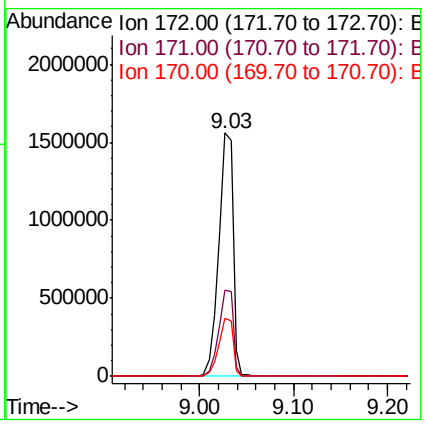


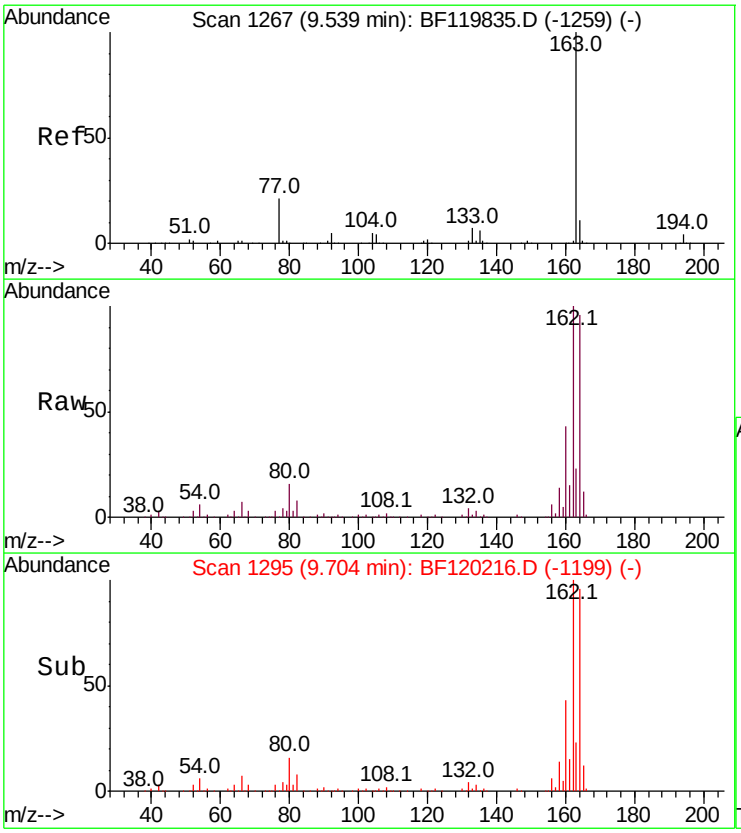
#45
2-Fluorobiphenyl
Concen: 97.133 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:172 Resp: 1669455

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	20.2	30.2

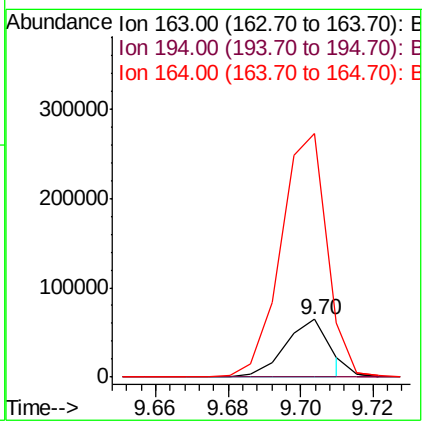


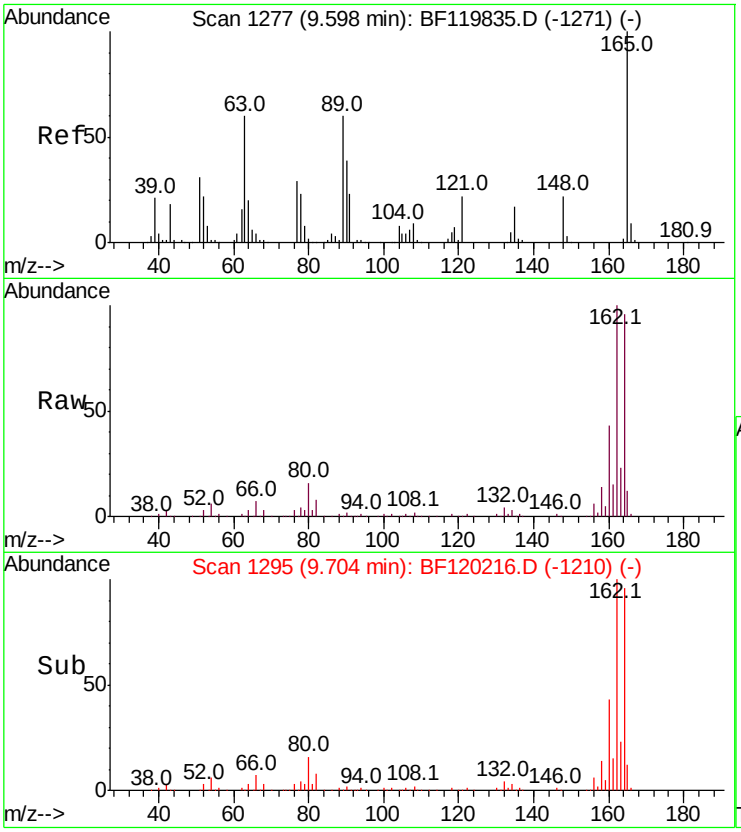


#50
Dimethylphthalate
Concen: 2.900 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.26 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:163 Resp: 54737

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	423.9	8.2	12.2#



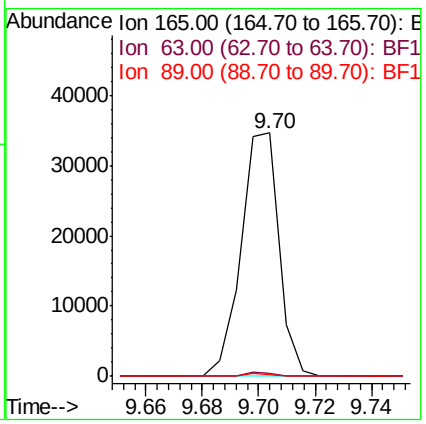


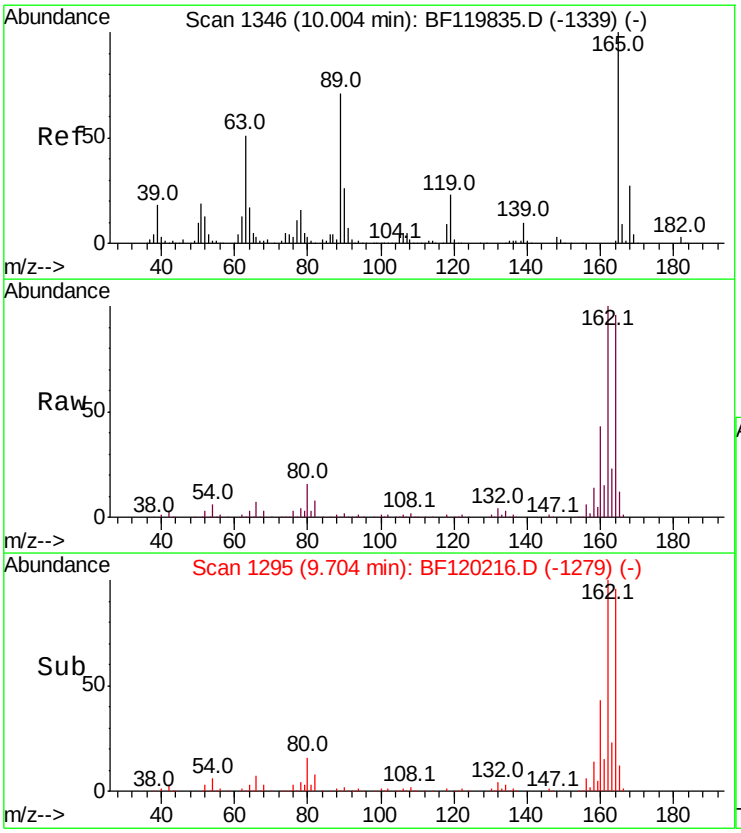
#51
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.20 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:165 Resp: 32232

Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	0.9	41.5	62.3#

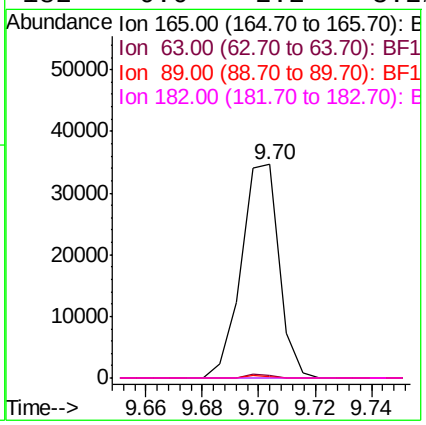


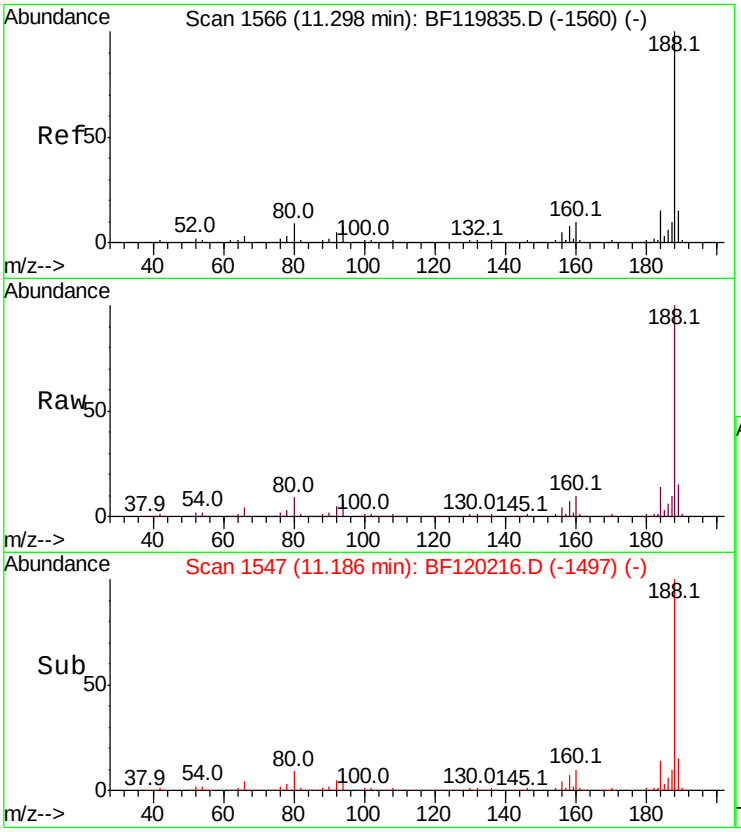


#57
2,4-Dinitrotoluene
Concen: 5.919 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.21 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:165 Resp: 32232

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#



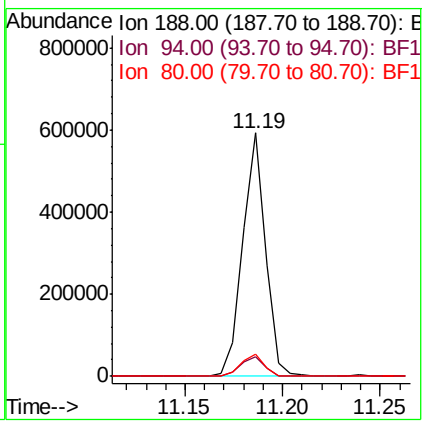


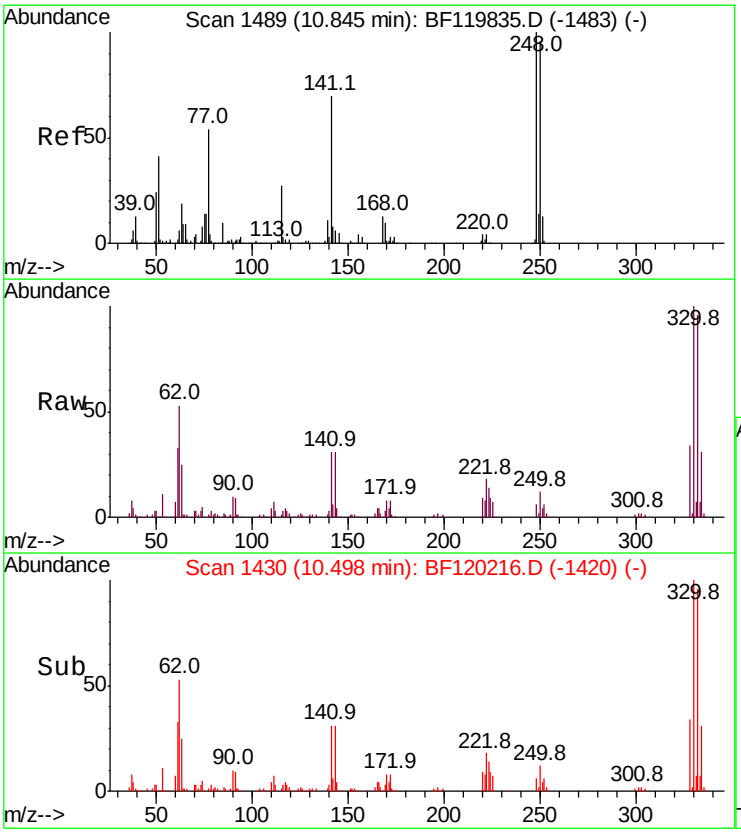
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:188 Resp: 480545

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.5	11.3
80	9.1	9.0	13.4

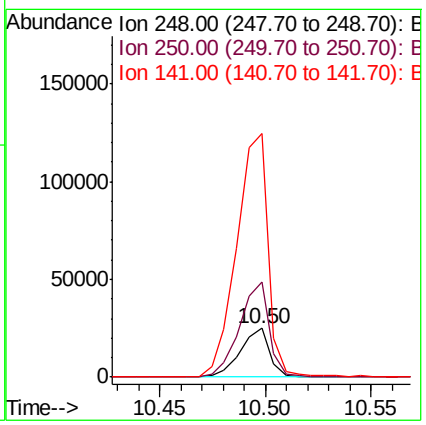


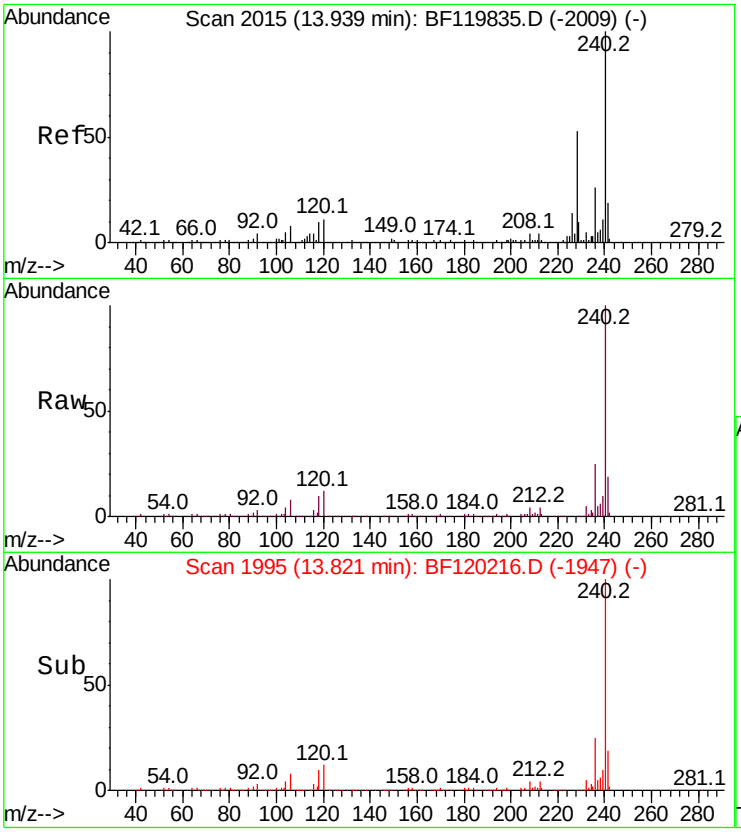


#67
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.24 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:248 Resp: 24144

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.3	115.9#
141	497.6	58.6	87.8#



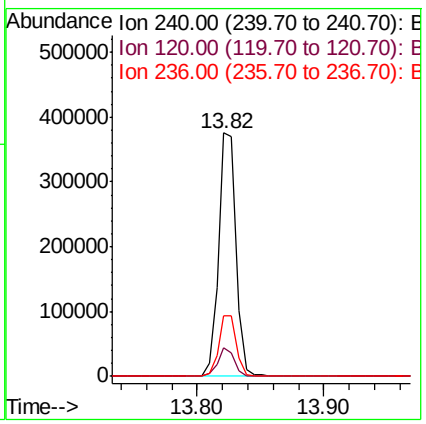


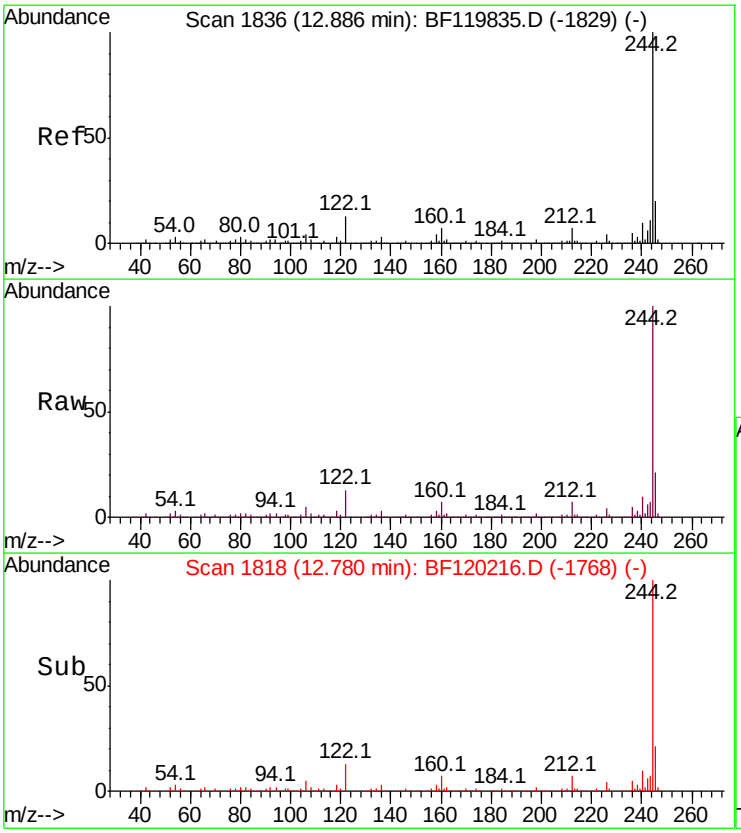
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tgt Ion:240 Resp: 362242

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.6	15.8
236	24.8	20.2	30.2

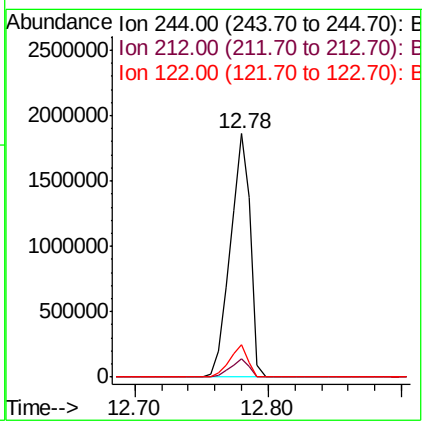


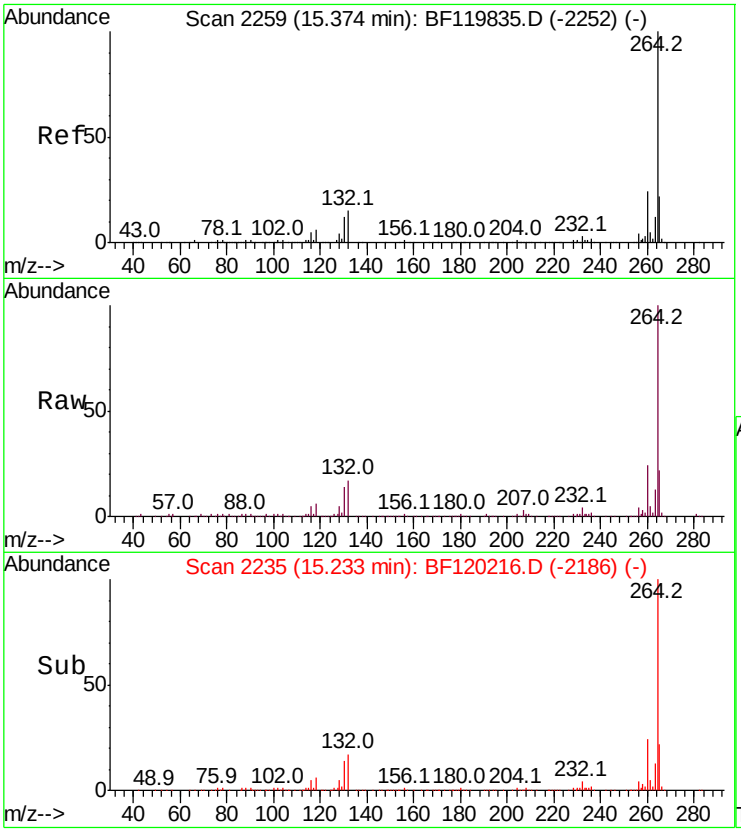


#79
Terphenyl-d14
Concen: 90.697 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:244 Resp: 1952524

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.4	10.3	15.5

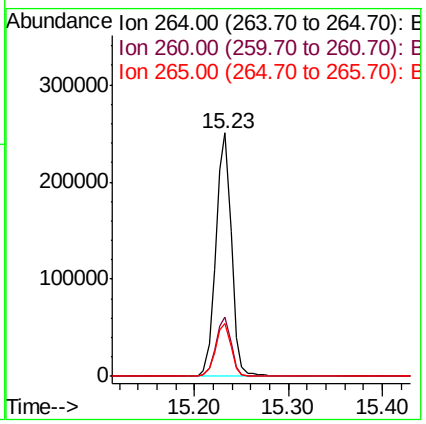




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:264 Resp: 291596

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.8	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
PB128487BL