Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
Data File : BF112485.D
Acq On : 11 Feb 2019 17:16
Operator : JU/SJ
Sample : K1453-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-8-S

Quant Time: Feb 12 00:00:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	139629	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	530747	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	230997	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	369193	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	279117	20.00	ng		0.00
87) Perylene-d12	15.47	264	280068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1058498	161.02	ng		0.00
7) Phenol-d6	6.49	99	1314163	143.87	ng		0.00
23) Nitrobenzene-d5	7.40	82	856438	92.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	330930	123.08	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1541085	94.36	ng		-0.01
79) Terphenyl-d14	12.94	244	1140992	76.99	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	26312	5.511	ng		85
19) n-Nitroso-di-n-propylamine	7.40	70	115718	18.372	ng	#	76
25) Isophorone	7.40	82	856434	59.267	ng	#	63
50) Dimethylphthalate	9.58	163	128649	7.168	ng		98
57) 2,4-Dinitrotoluene	9.87	165	30265	5.914	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	19107	4.400	ng	#	1
77) Benzidine	12.94	184	15502	2.018	ng		98

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

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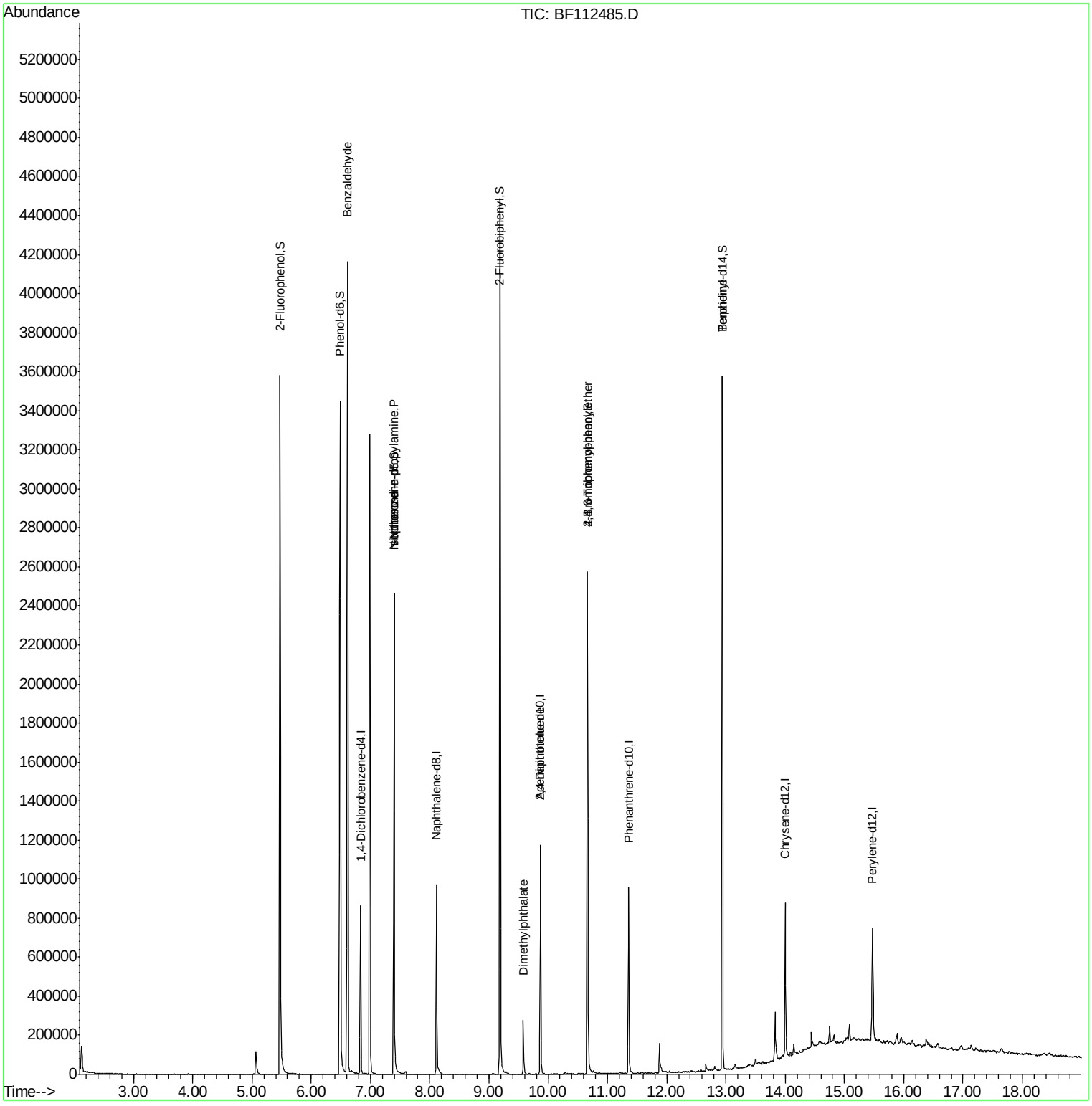
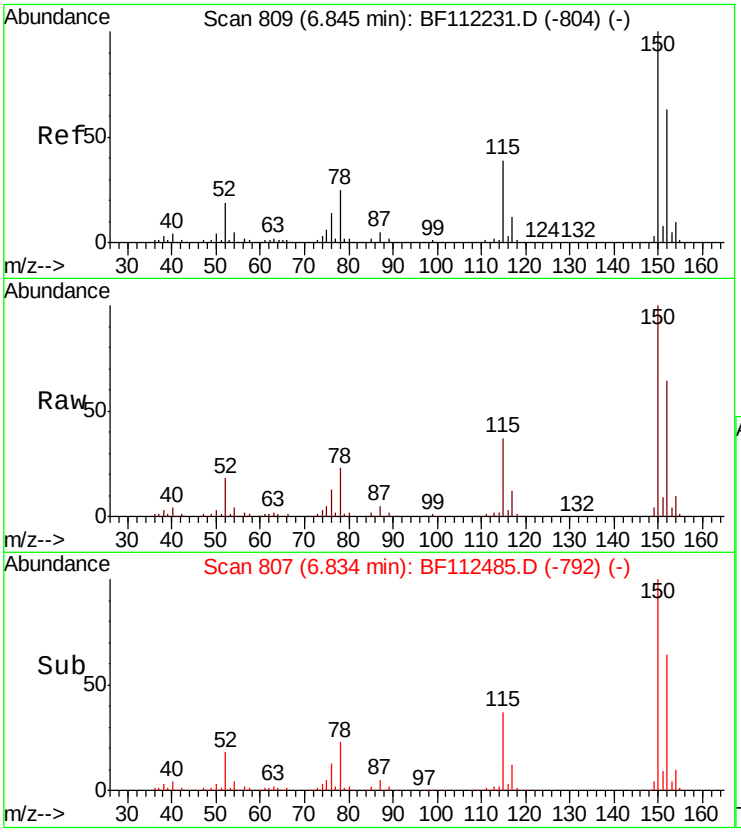


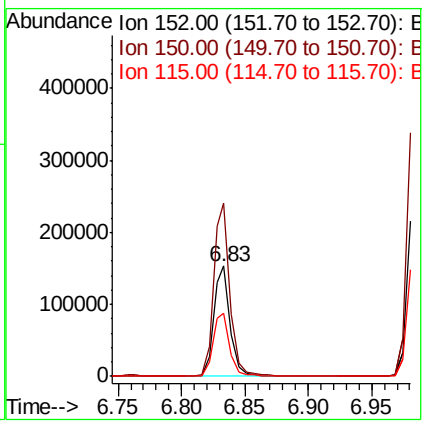


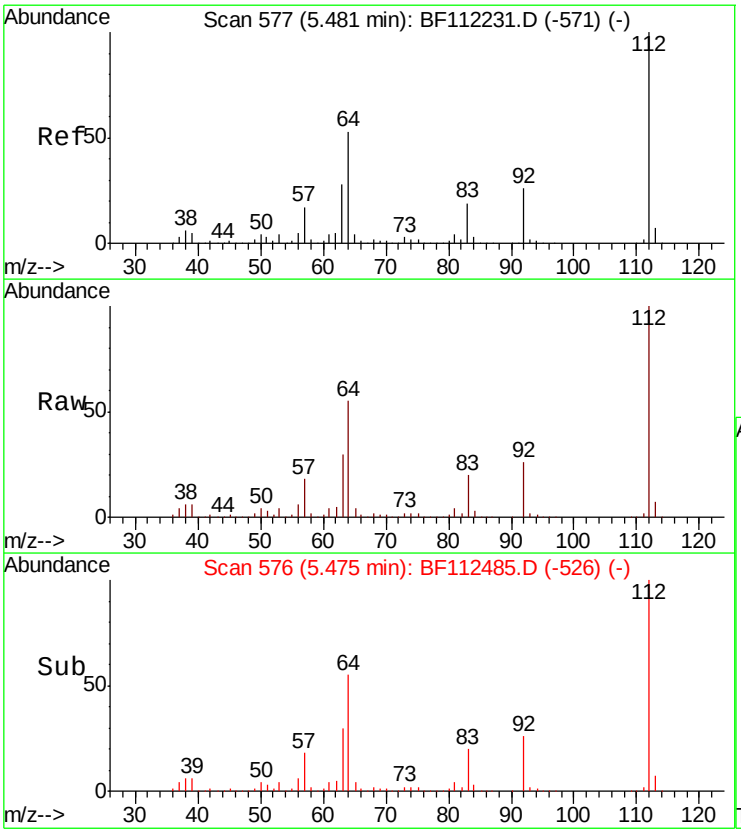
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:152 Resp: 139629

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	57.6	45.5	68.3

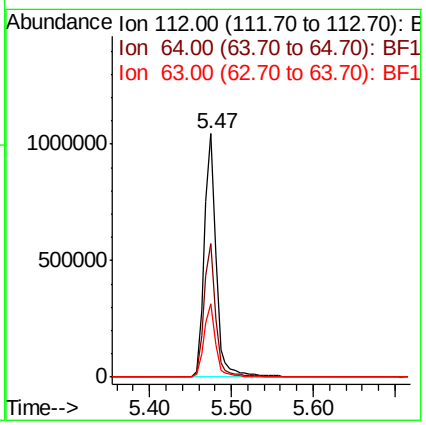


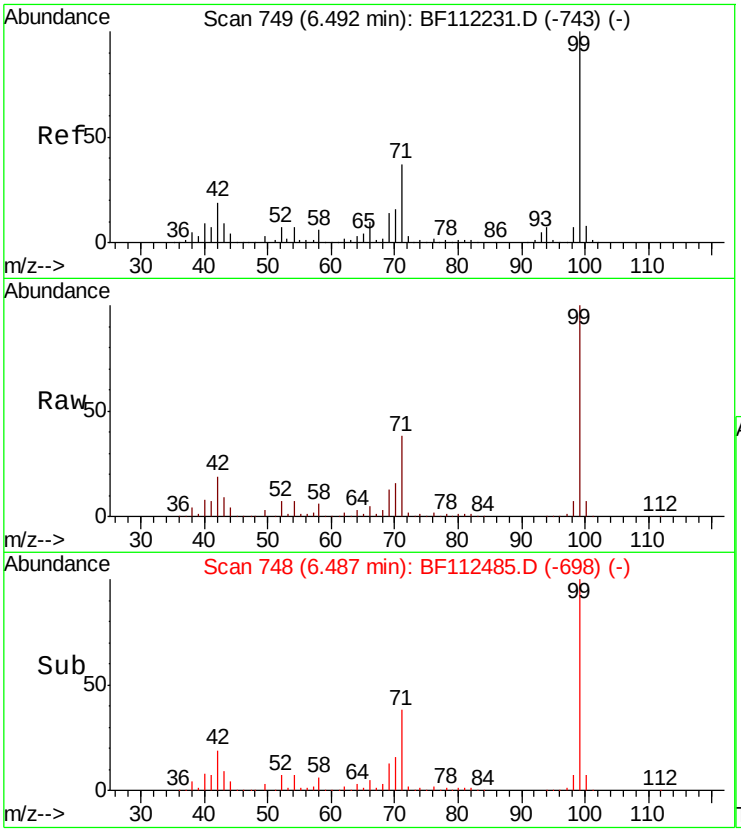


#5
2-Fluorophenol
Concen: 161.021 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:112 Resp: 1058498

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.7	68.5
63	29.9	23.6	35.4



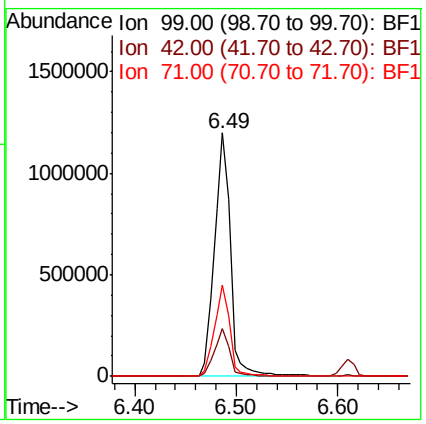


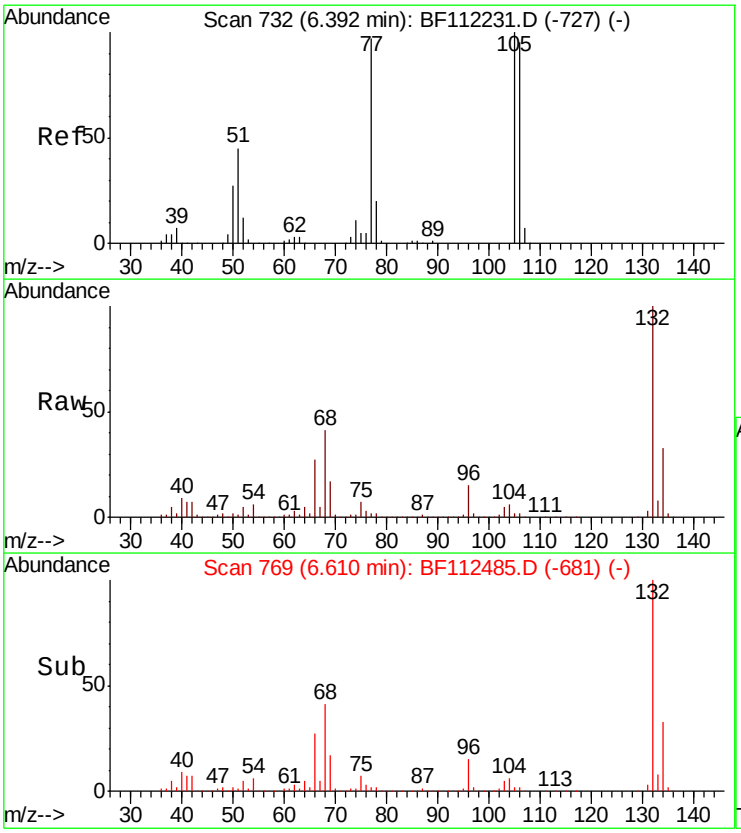
#7
Phenol-d6
Concen: 143.869 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion: 99 Resp: 1314163

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	37.6	26.9	40.3

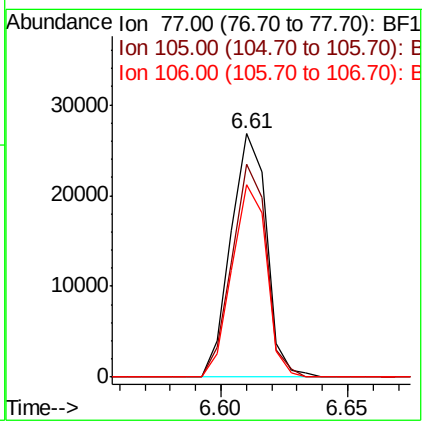


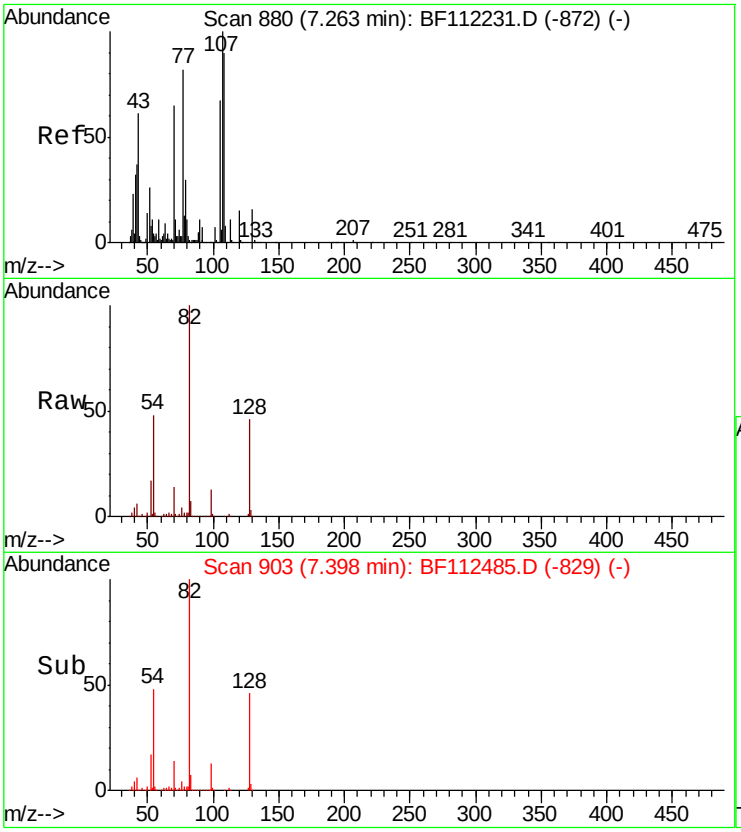


#9
Benzaldehyde
Concen: 5.511 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.22 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion: 77 Resp: 26312

Ion	Ratio	Lower	Upper
77	100		
105	87.3	80.8	120.8
106	78.8	75.7	115.7



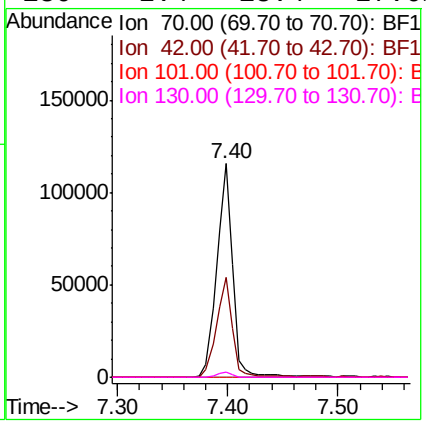


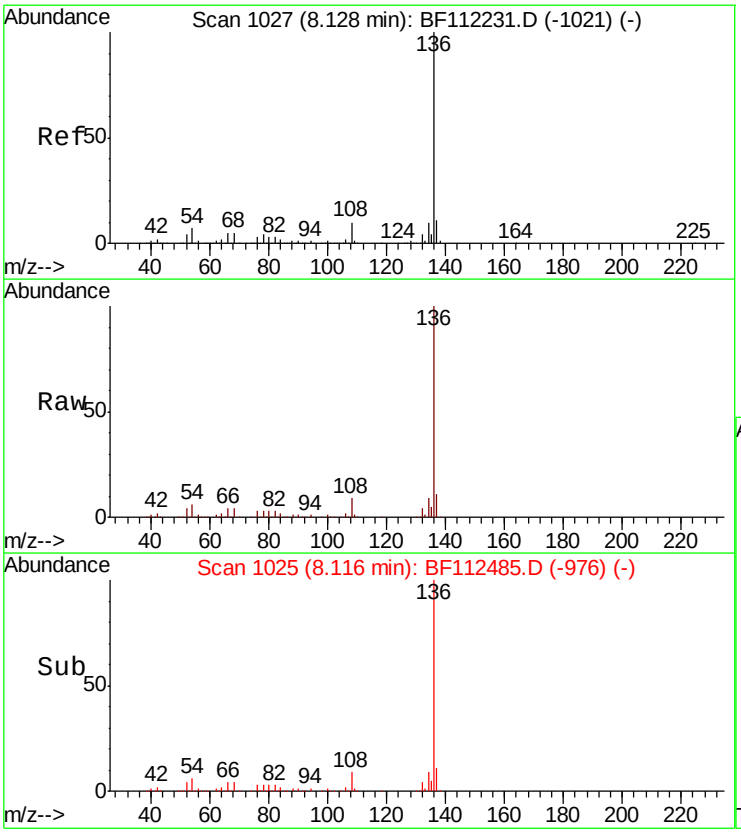
#19
n-Nitroso-di-n-propylamine
Concen: 18.372 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion: 70 Resp: 115718

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#

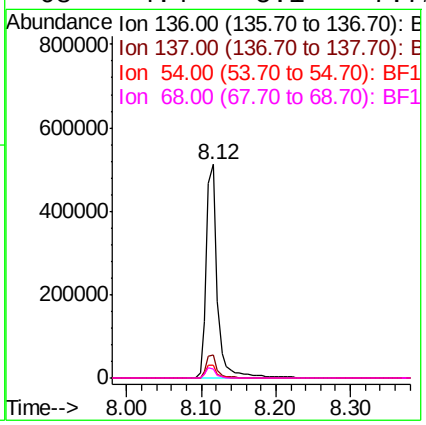


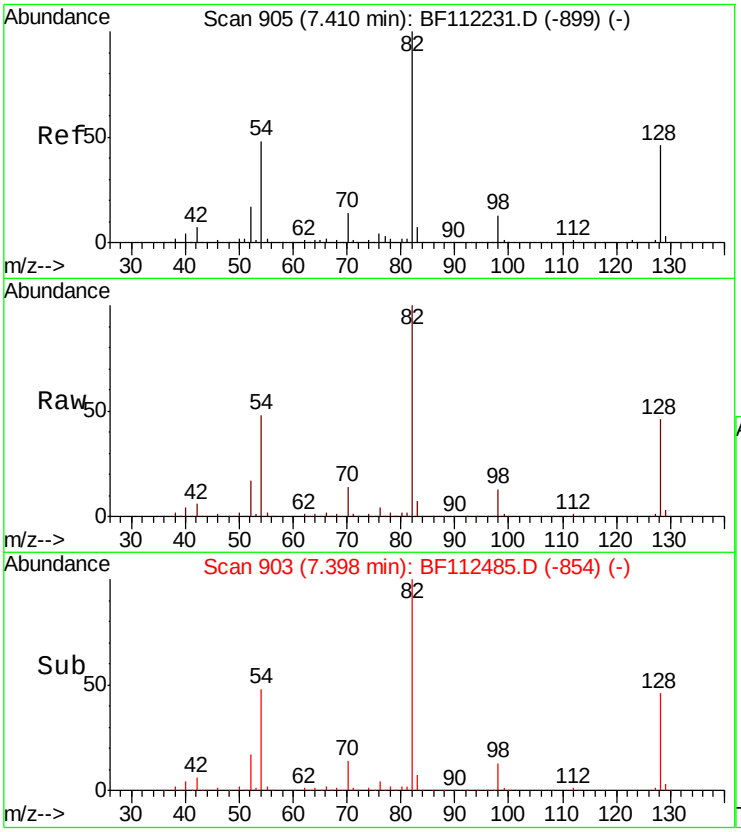


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:136 Resp: 530747

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.8	5.9	8.9#
68	4.4	5.1	7.7#



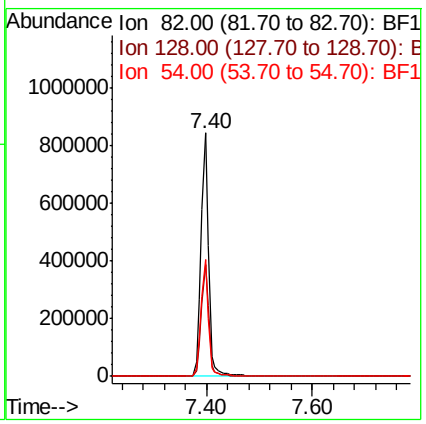


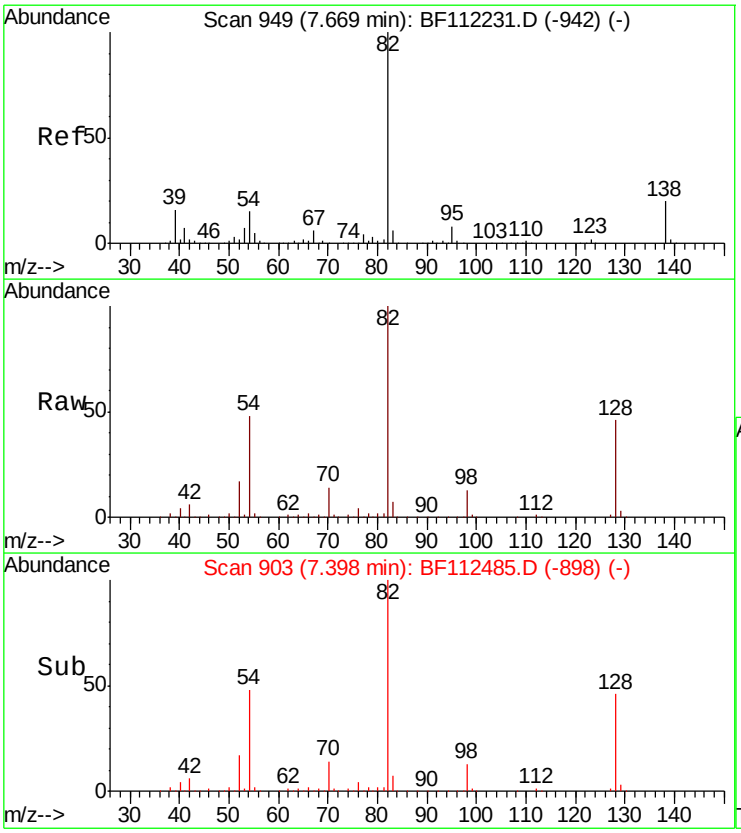
#23
Nitrobenzene-d5
Concen: 92.978 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion: 82 Resp: 856438

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	47.9	39.7	59.5

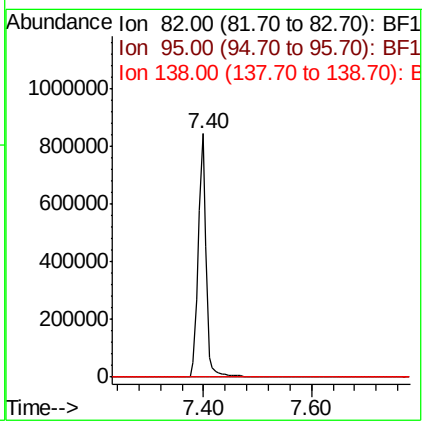


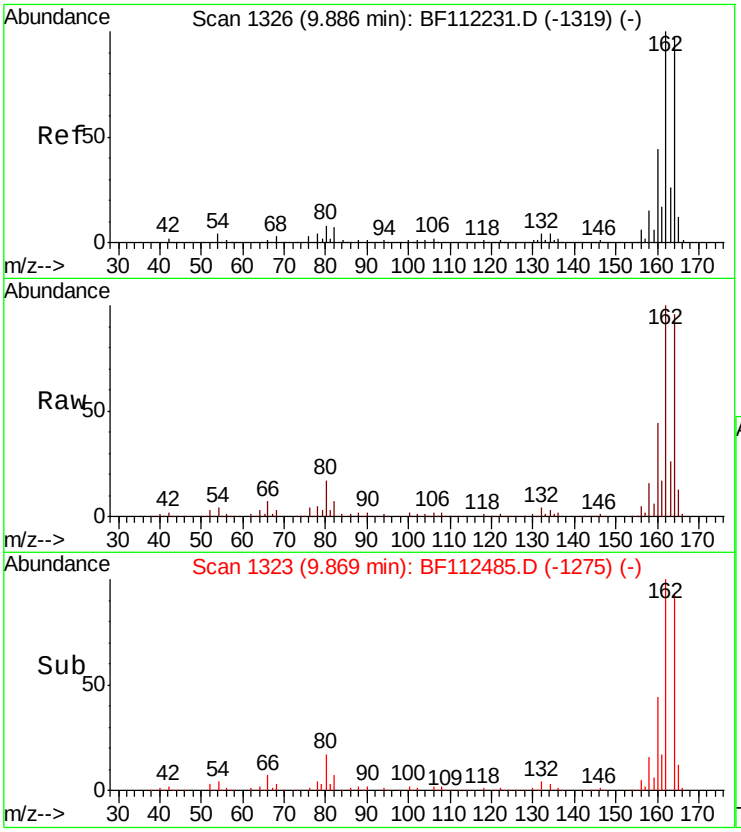


#25
Isophorone
Concen: 59.267 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion: 82 Resp: 856434

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



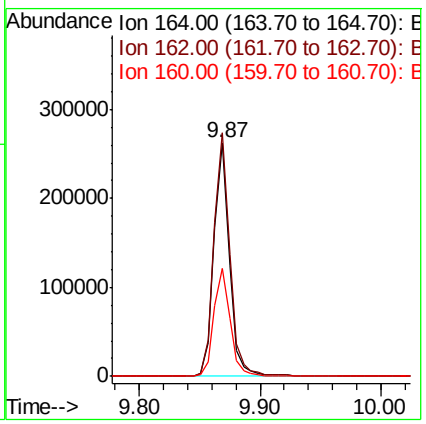


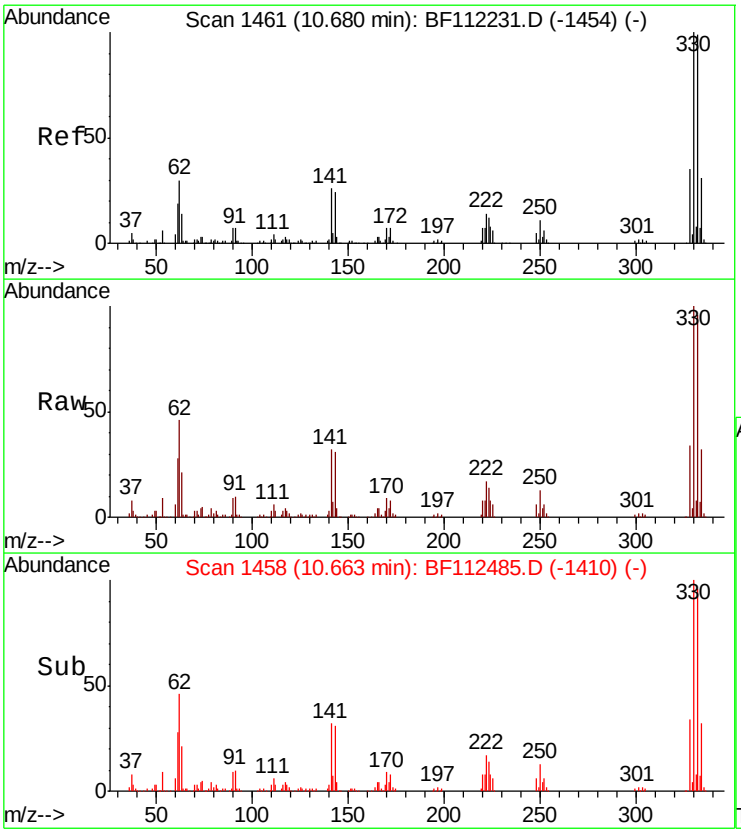
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:164 Resp: 230997

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	46.4	36.2	54.4

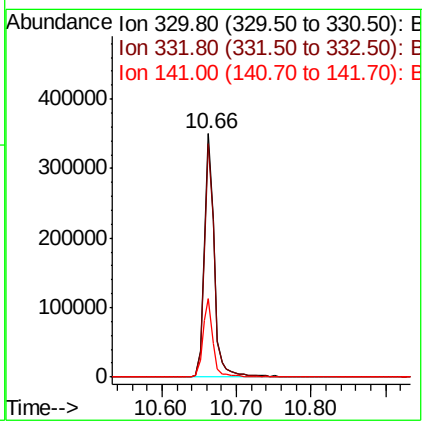


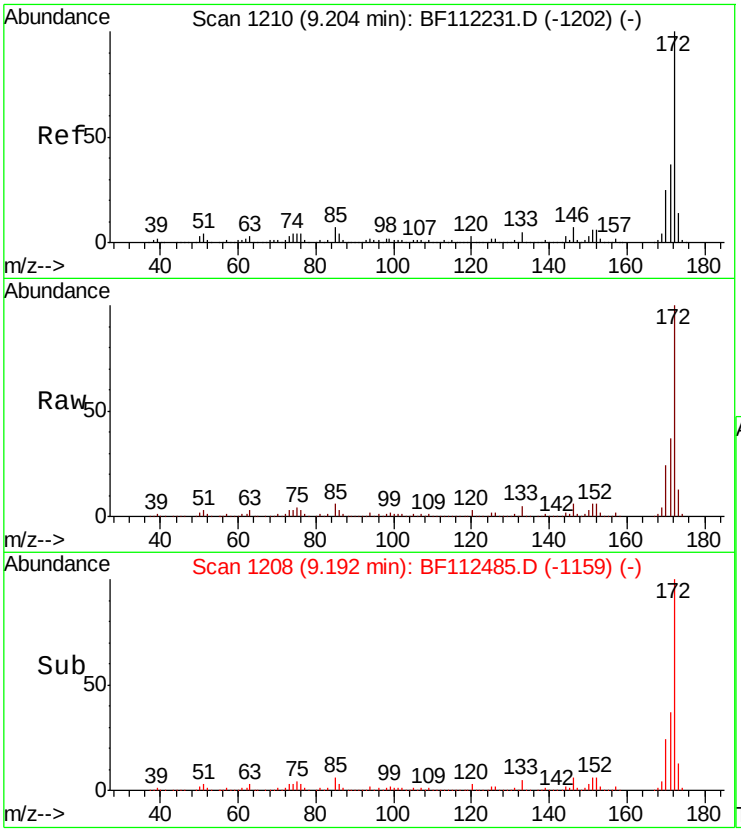


#42
2,4,6-Tribromophenol
Concen: 123.080 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:330 Resp: 330930

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	32.3	24.3	36.5



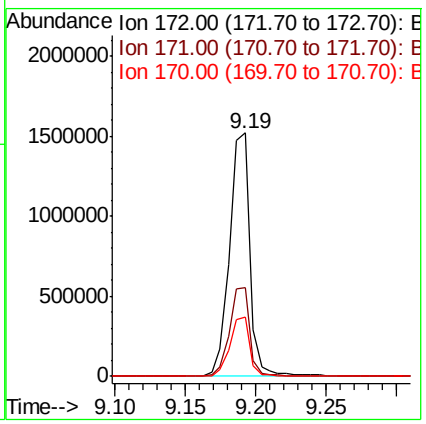


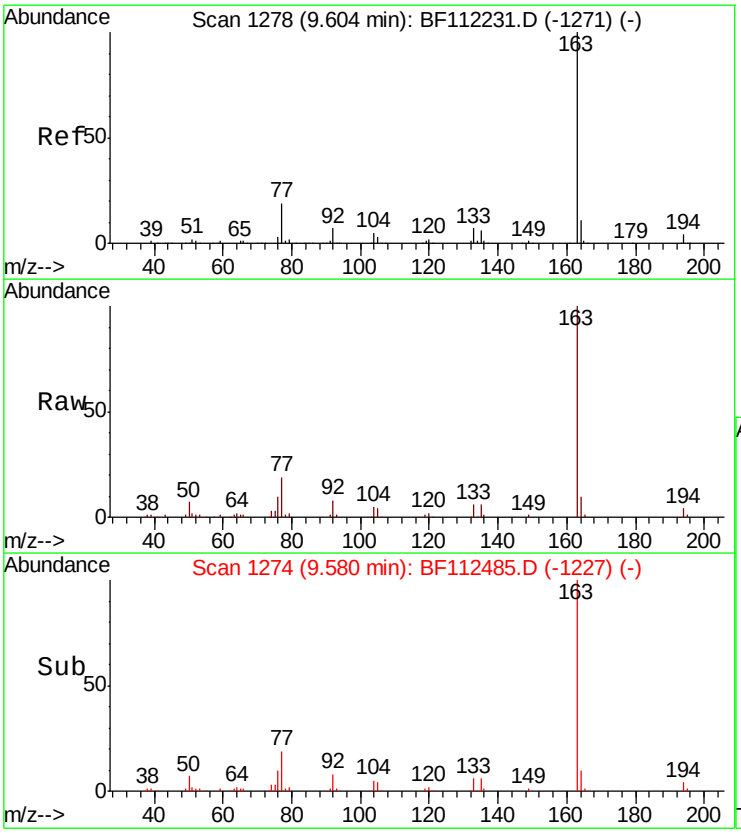
#45
2-Fluorobiphenyl
Concen: 94.357 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:172 Resp: 1541085

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.3	20.2	30.4

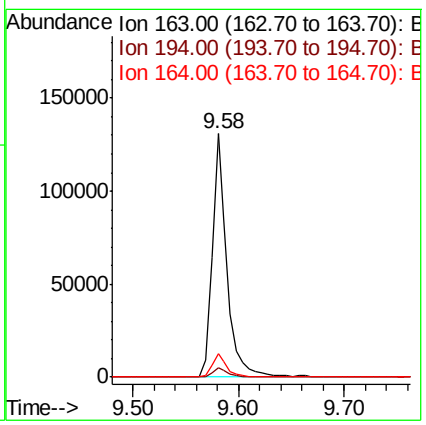


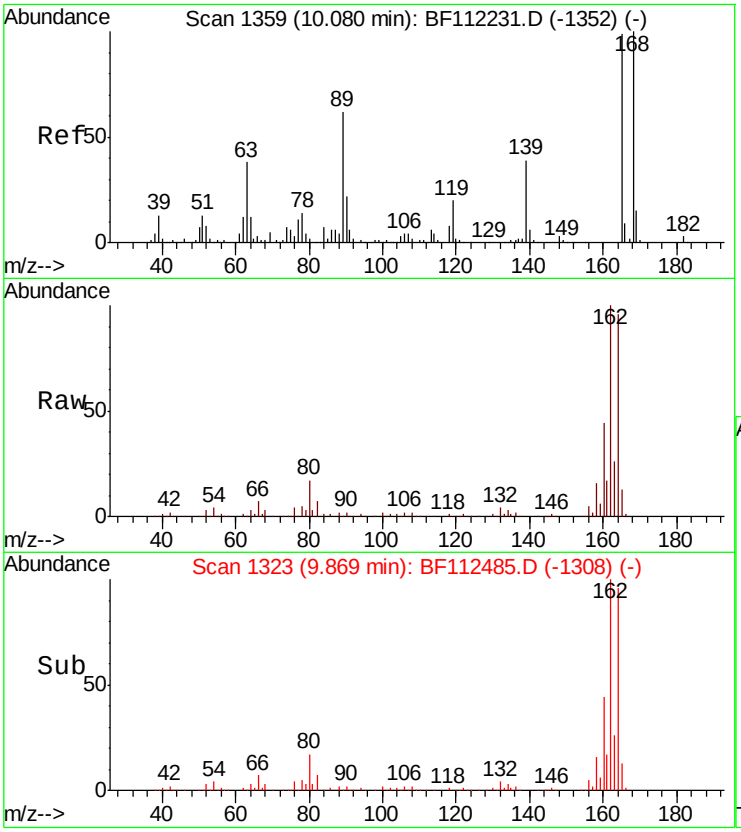


#50
Dimethylphthalate
Concen: 7.168 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:163 Resp: 128649

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.7	8.5	12.7



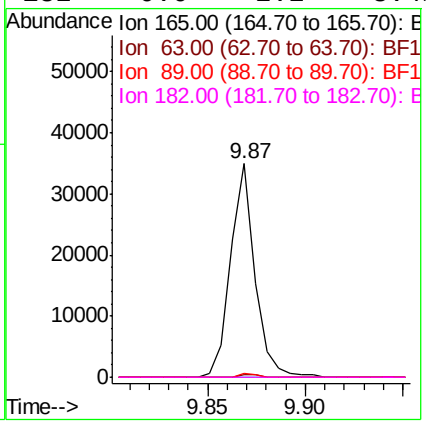


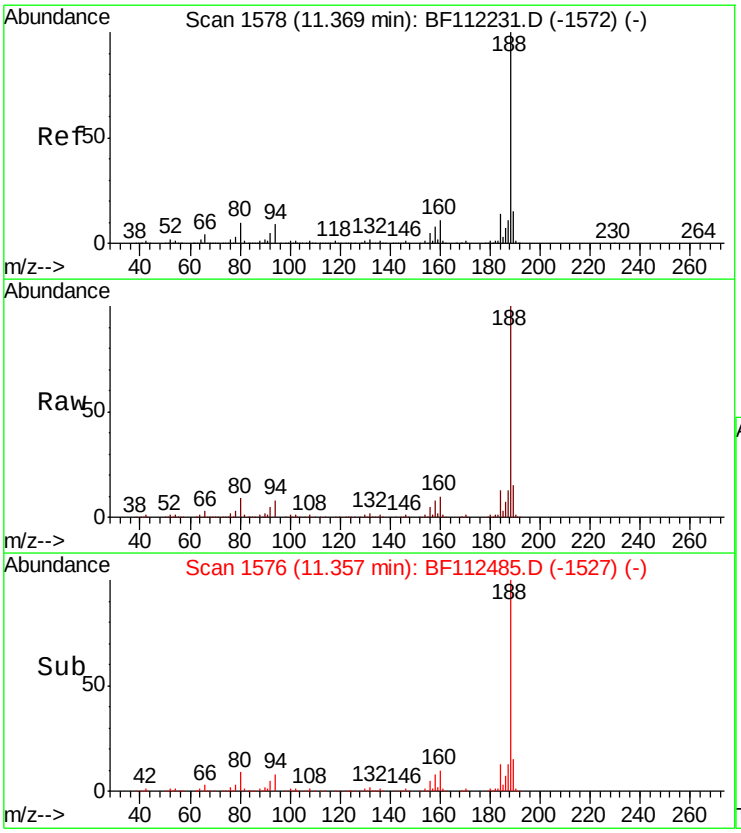
#57
2,4-Dinitrotoluene
Concen: 5.914 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:165 Resp: 30265

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.9	47.9	71.9#
182	0.0	2.2	3.4#

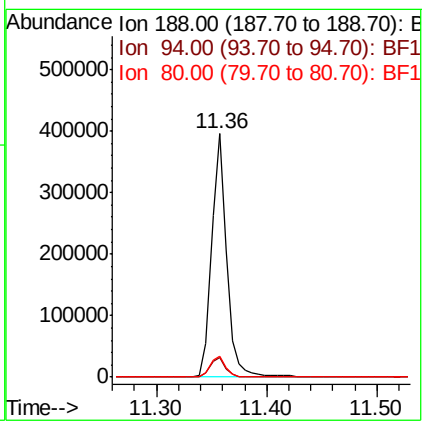


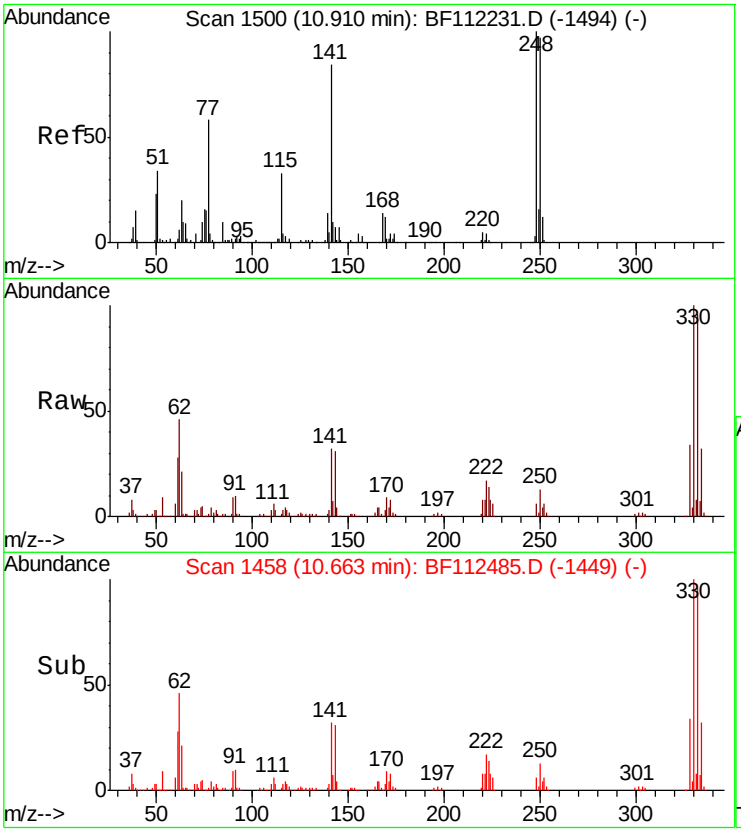


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:188 Resp: 369193

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.6	8.9	13.3#



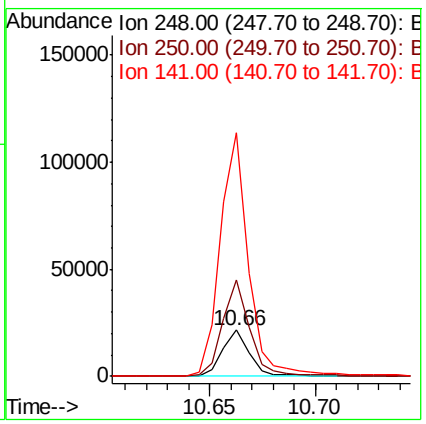


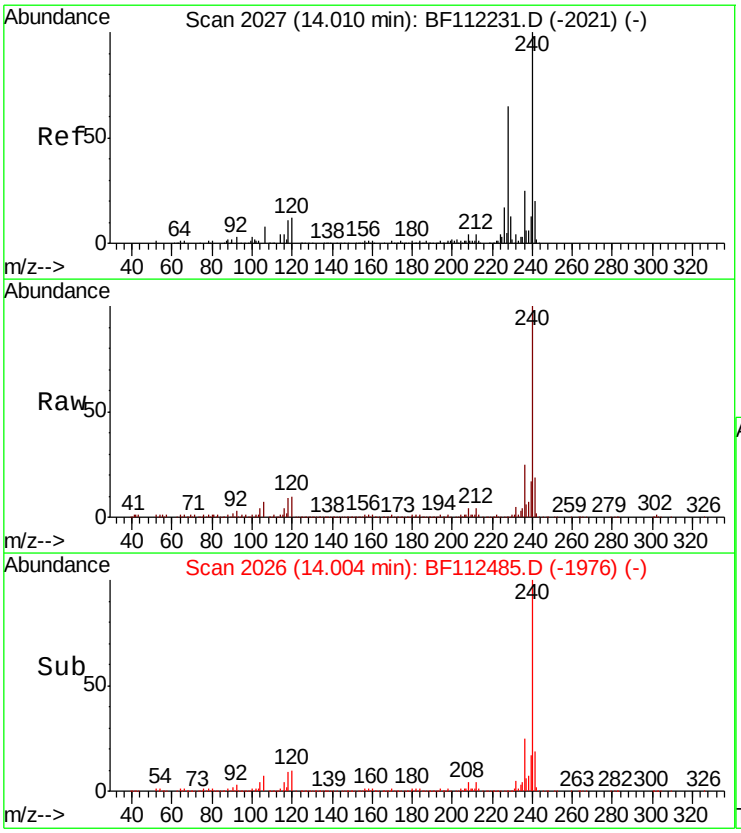
#67
4-Bromophenyl-phenylether
Concen: 4.400 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:248 Resp: 19107

Ion	Ratio	Lower	Upper
248	100		
250	210.2	79.7	119.5#
141	529.7	60.3	90.5#

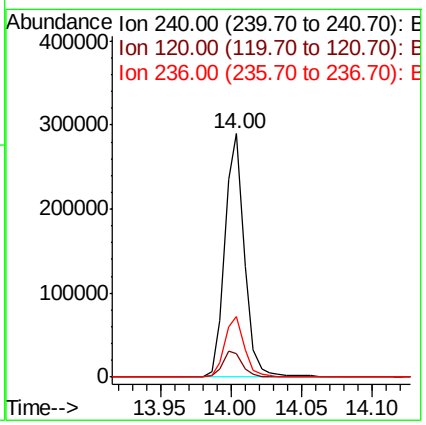


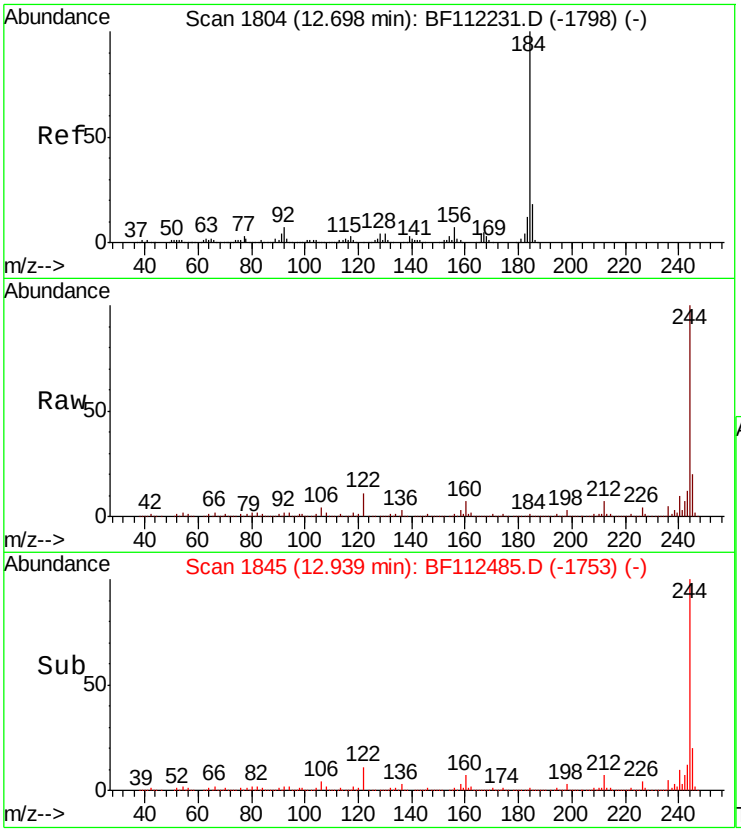


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:240 Resp: 279117

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	24.8	20.7	31.1



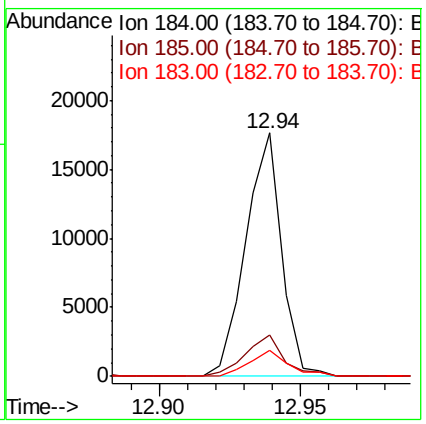


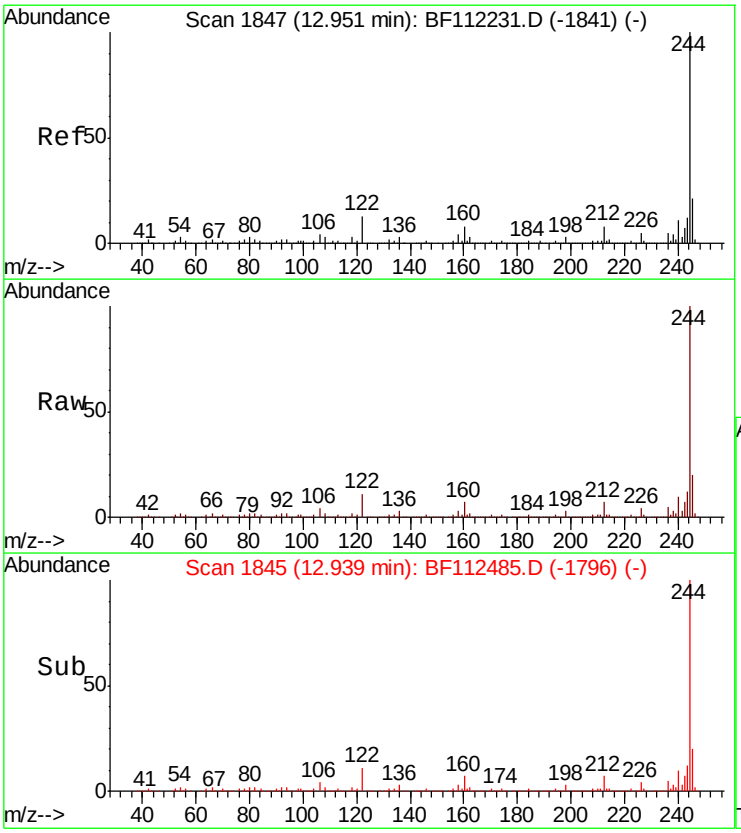
#77
Benzidine
Concen: 2.018 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:184 Resp: 15502

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.9	20.9
183	10.8	10.0	15.0

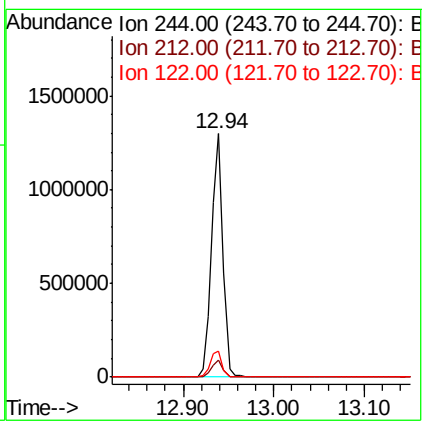


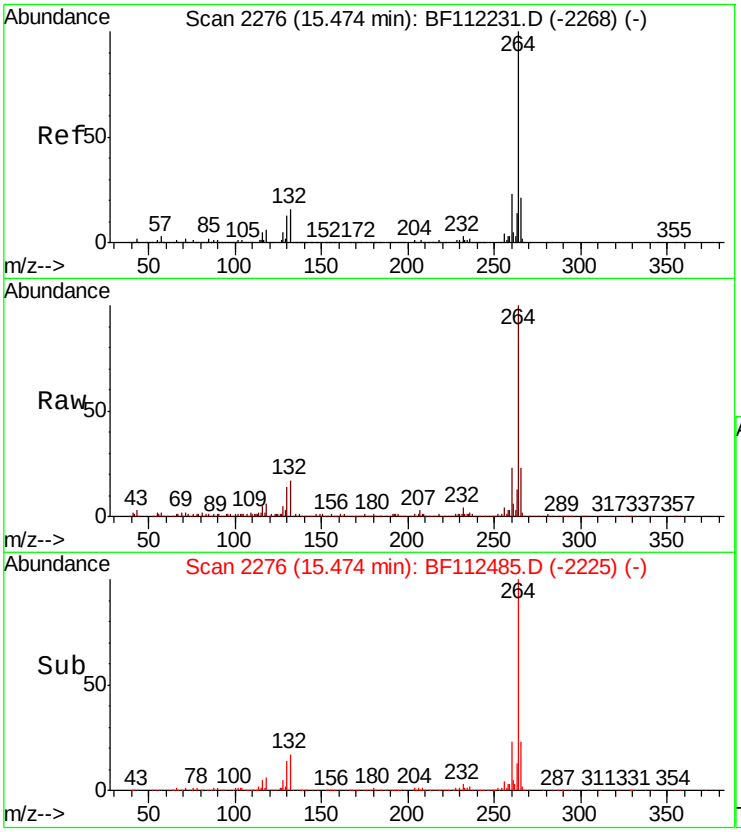


#79
Terphenyl-d14
Concen: 76.993 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:244 Resp: 1140992

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion:264 Resp: 280068

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.8	17.0	25.4