Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114724.D
Acq On : 31 May 2019 23:14
Operator : HP/JU
Sample : K3037-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW2-R1-3

Quant Time: Jun 01 00:28:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	434466	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1636448	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	813872	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1453953	20.00	ng	0.00
76) Chrysene-d12	13.81	240	938607	20.00	ng	0.00
87) Perylene-d12	15.20	264	844557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1280213	51.73	ng	0.00
7) Phenol-d6	6.32	99	1016455	34.09	ng	0.00
23) Nitrobenzene-d5	7.26	82	2194737	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	840967	108.44	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3707313	85.70	ng	0.00
79) Terphenyl-d14	12.78	244	3554310	71.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1545	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	301985	14.672	ng	# 75
25) Isophorone	7.26	82	2117209	40.221	ng	# 63
50) Dimethylphthalate	9.72	163	230956	4.072	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	106383	8.073	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	106387	6.291	ng	# 23
58) Fluorene	10.50	166	37288	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.50	248	53283	3.417	ng	# 1
69) Atrazine	10.90	200	369	Below Cal	#	23
74) Di-n-butylphthalate	11.76	149	46007	Below Cal	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114724.D
Acq On : 31 May 2019 23:14
Operator : HP/JU
Sample : K3037-12
Misc :
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Instrument : BNA_F
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Quant Time: Jun 01 00:28:11 2019
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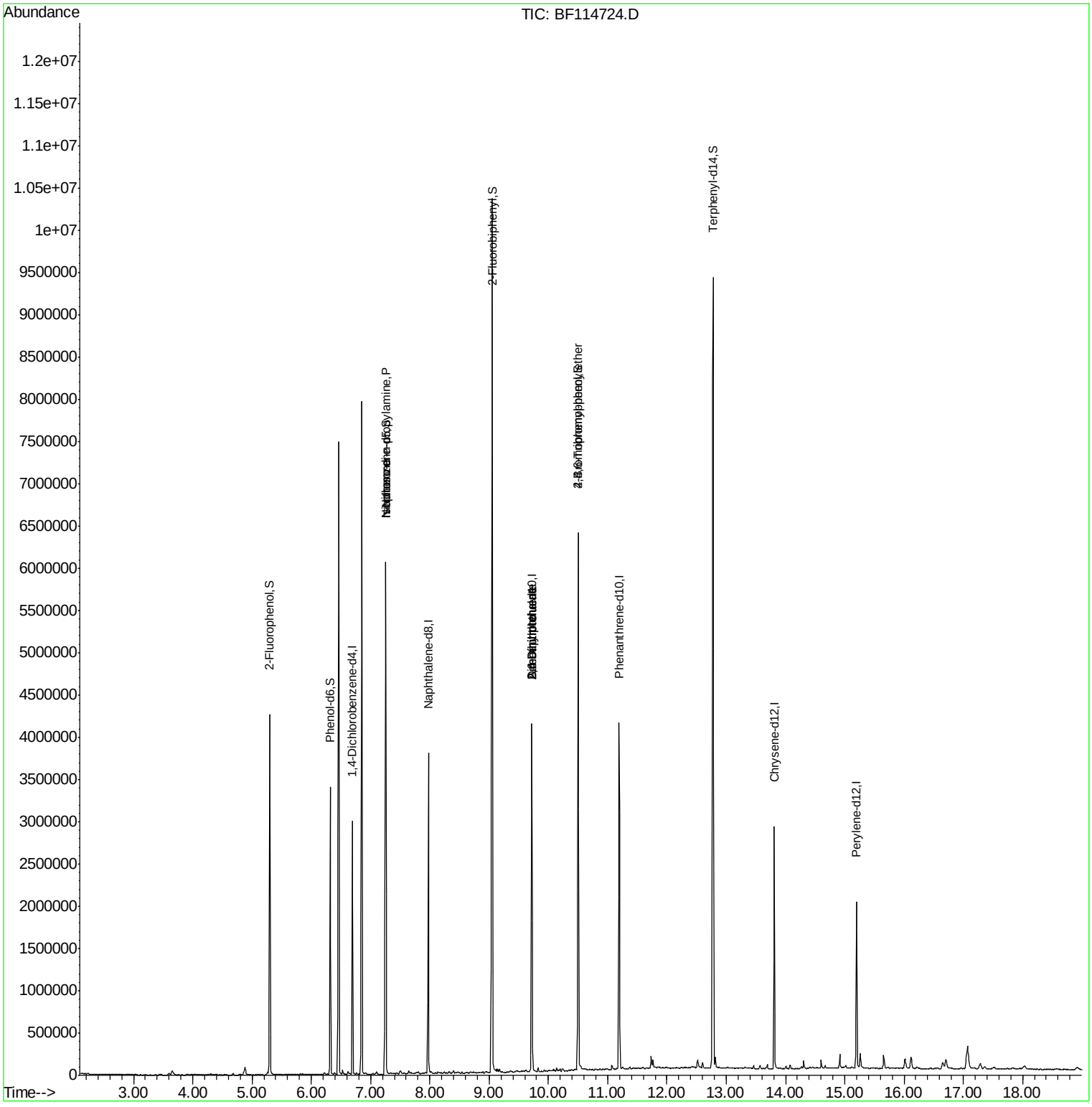
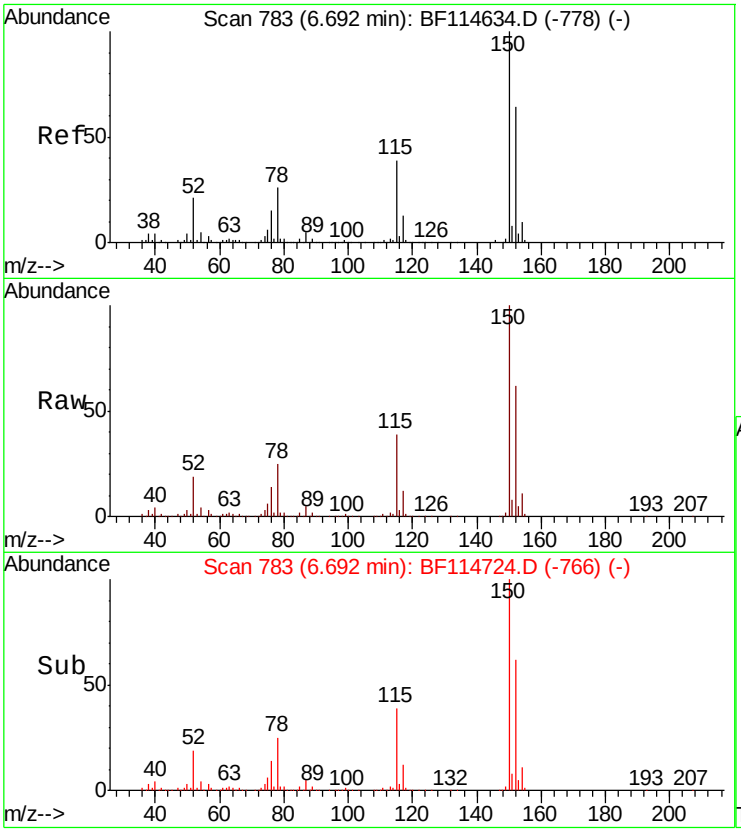
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



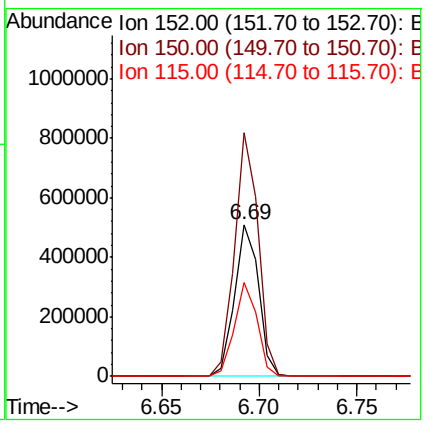


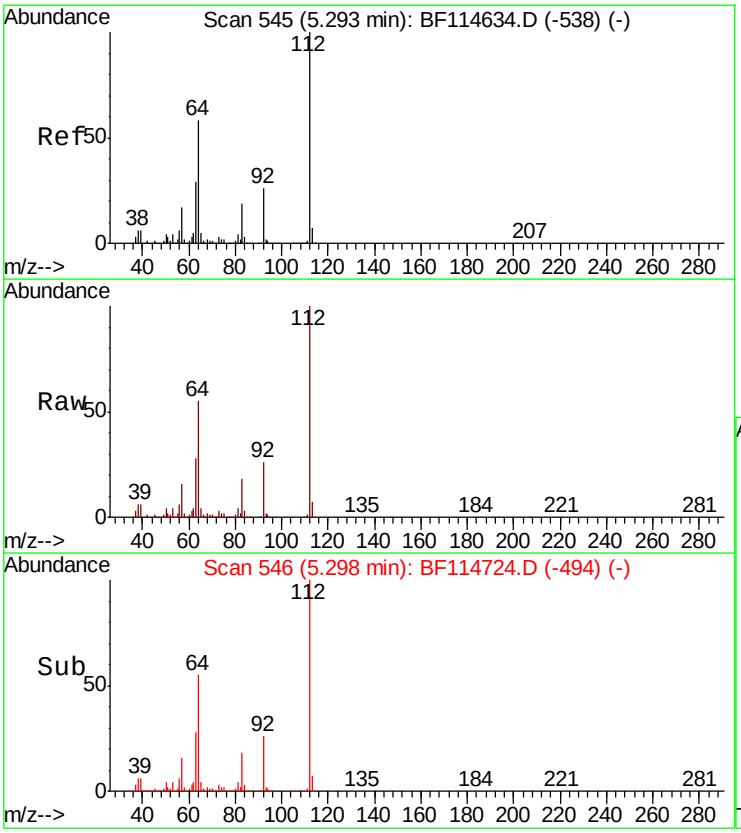
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:152 Resp: 434466

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.4	186.6
115	61.9	48.7	73.1

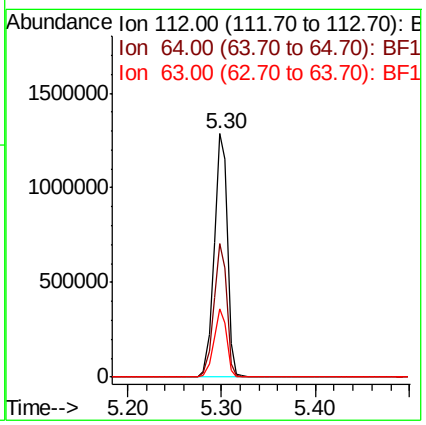


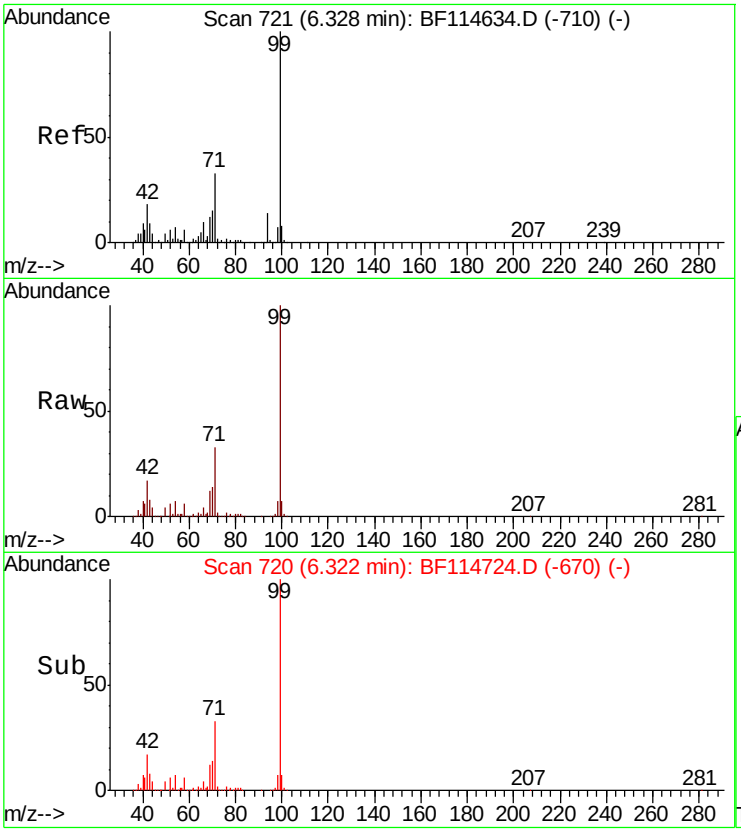


#5
2-Fluorophenol
Concen: 51.734 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:112 Resp: 1280213

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.1	69.1
63	28.2	23.4	35.2



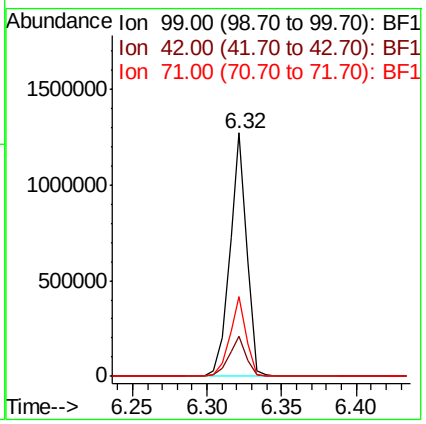


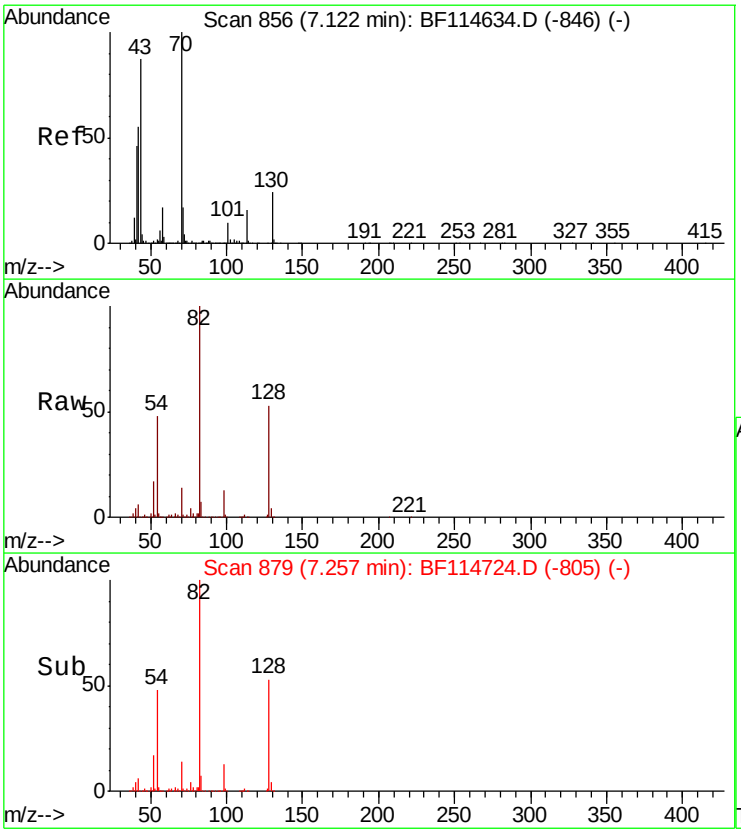
#7
Phenol-d6
Concen: 34.087 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion: 99 Resp: 1016455

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.7	22.1
71	32.7	26.6	40.0

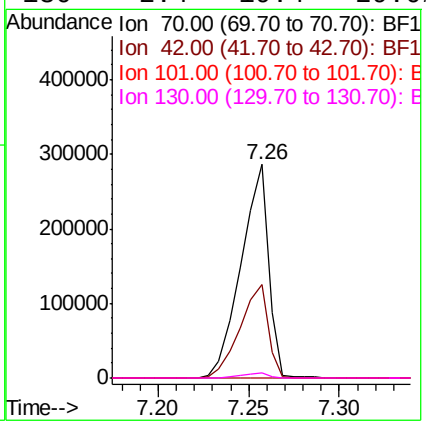


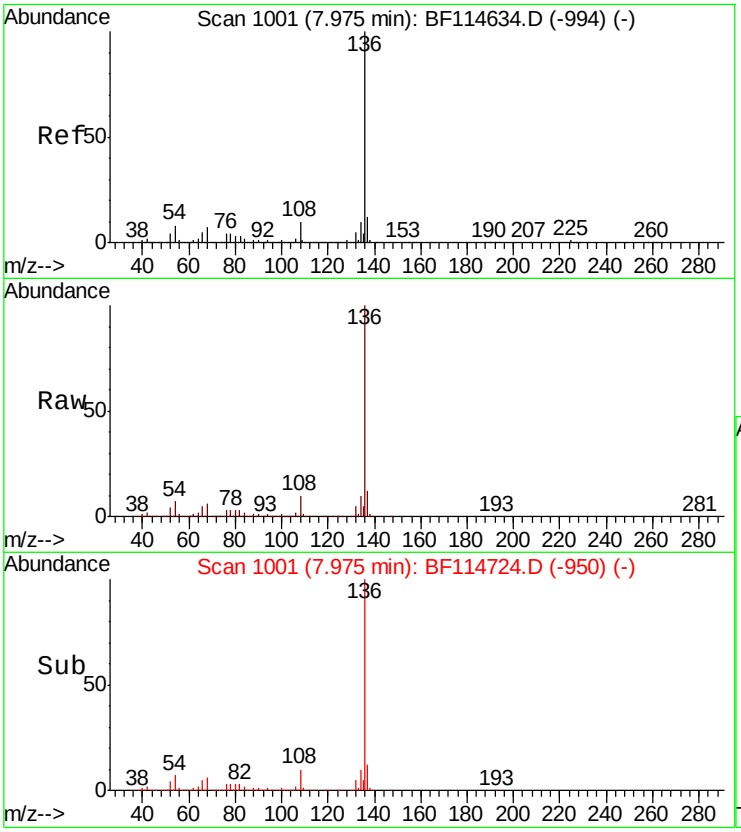


#19
n-Nitroso-di-n-propylamine
Concen: 14.672 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion: 70 Resp: 301985

Ion	Ratio	Lower	Upper
70	100		
42	44.0	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



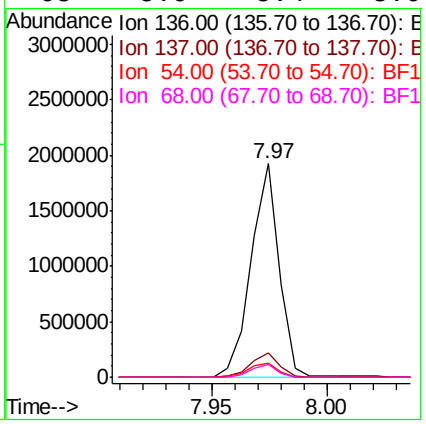


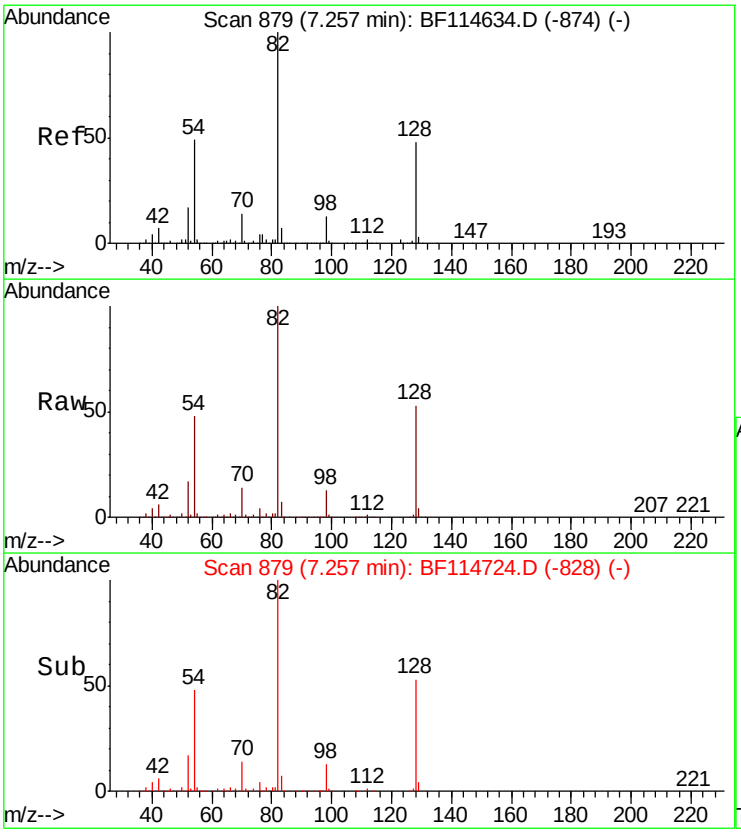
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:136 Resp: 1636448

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.6	6.3	9.5
68	5.9	5.4	8.0

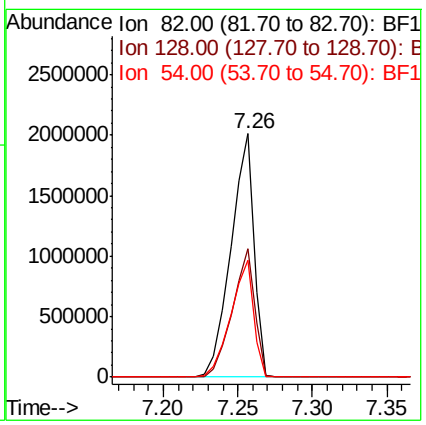


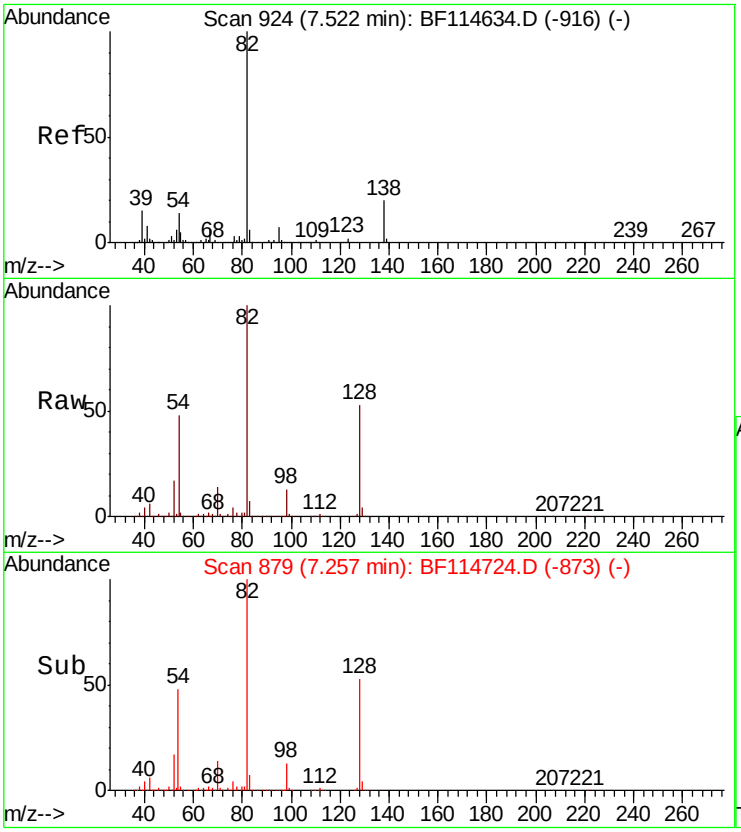


#23
Nitrobenzene-d5
Concen: 83.674 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion: 82 Resp: 2194737

Ion	Ratio	Lower	Upper
82	100		
128	52.8	38.5	57.7
54	48.3	39.1	58.7



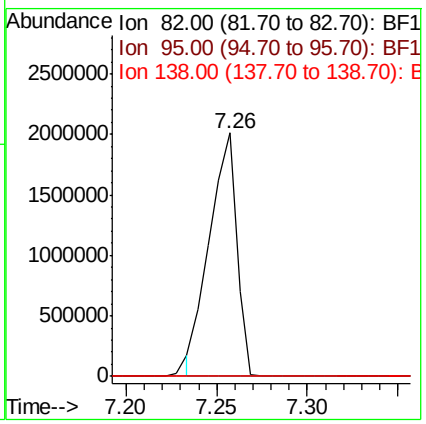


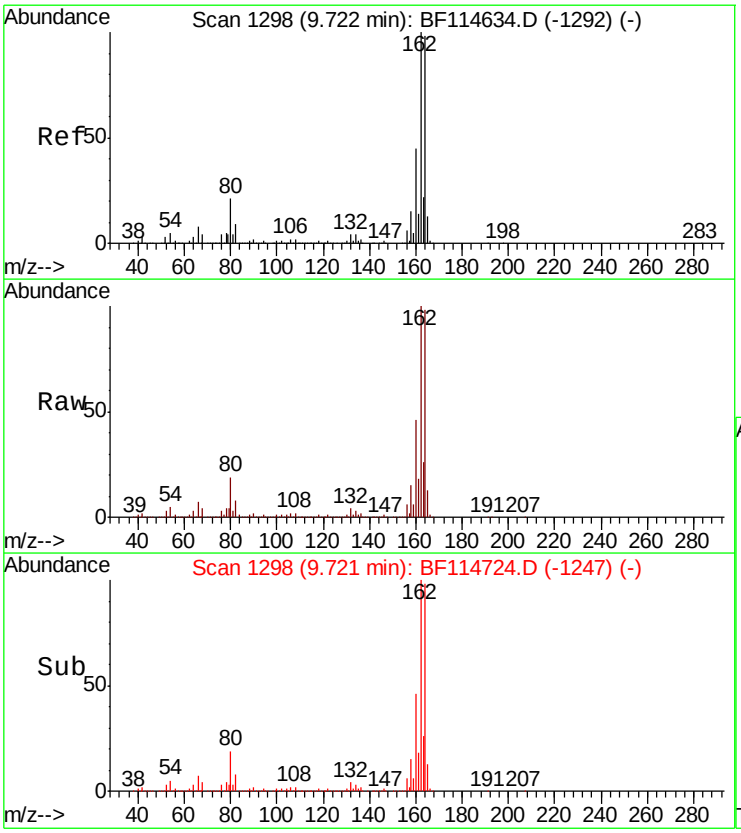
#25
Isophorone
Concen: 40.221 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion: 82 Resp: 2117209

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

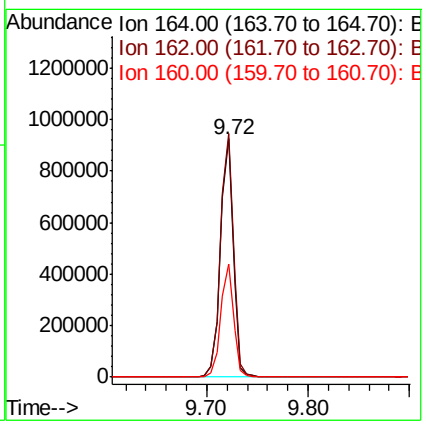


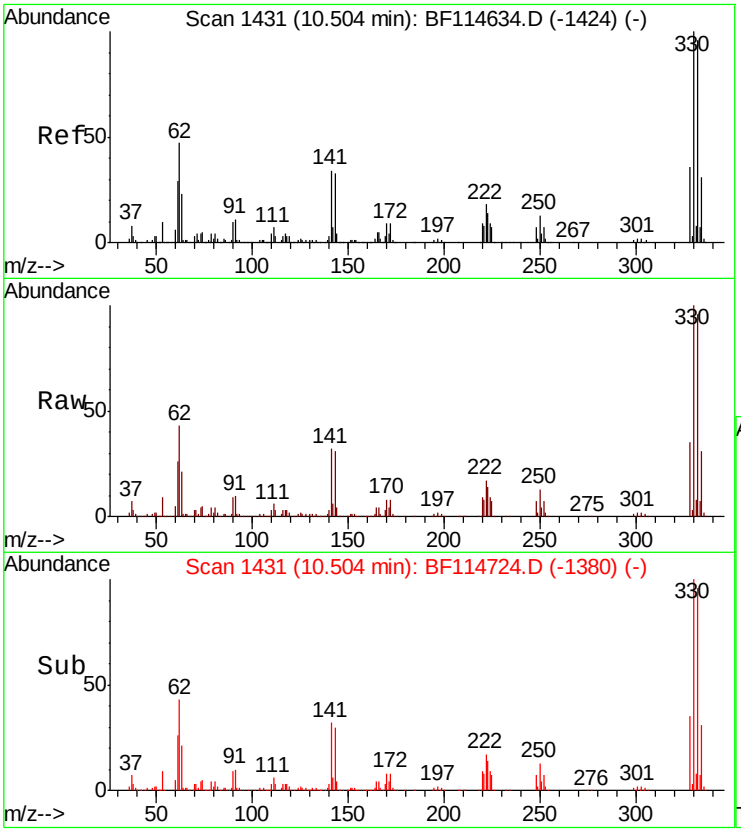


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:164 Resp: 813872

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	47.5	36.6	54.8



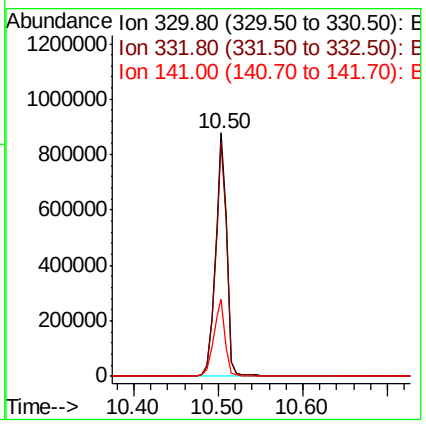


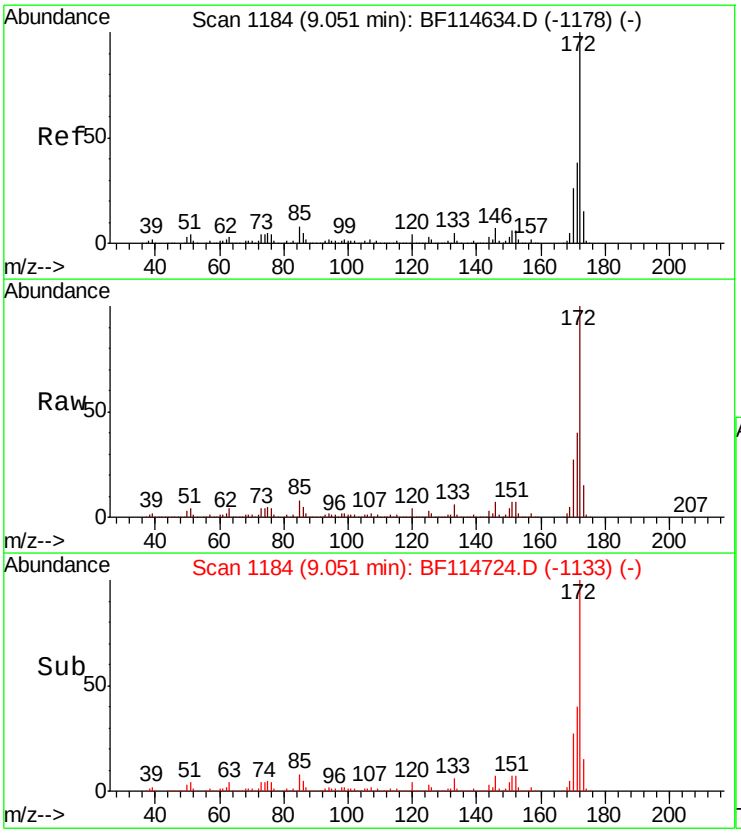
#42
2,4,6-Tribromophenol
Concen: 108.443 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:330 Resp: 840967

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	32.3	27.8	41.8

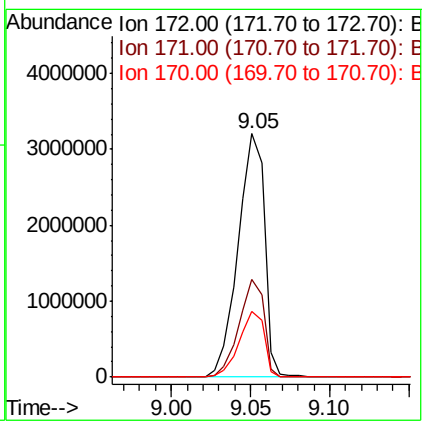


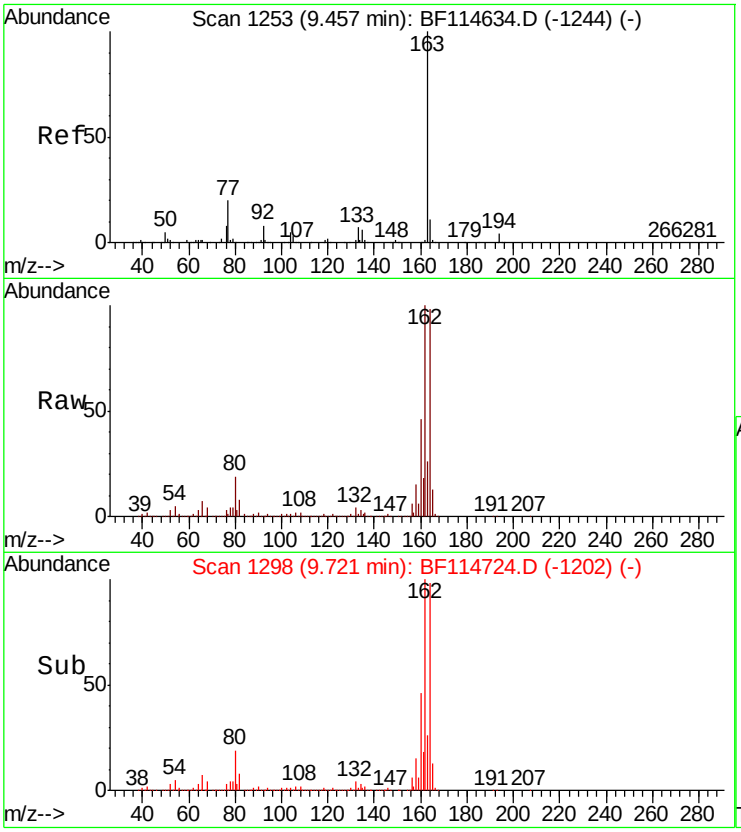


#45
2-Fluorobiphenyl
Concen: 85.700 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:172 Resp: 3707313

Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.6	45.8
170	26.8	20.7	31.1



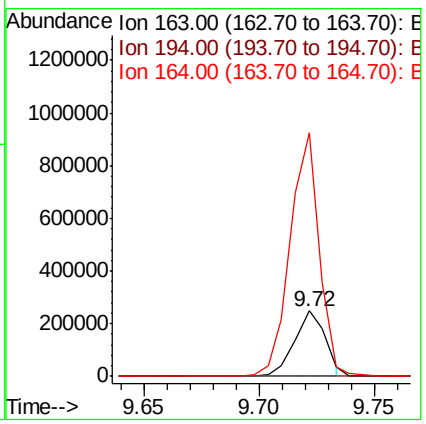


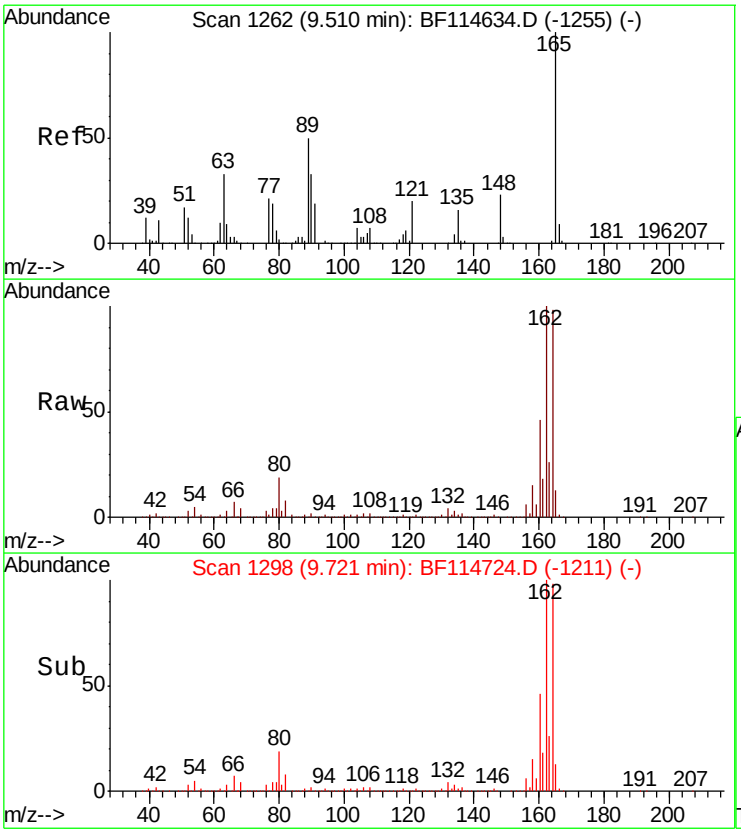
#50
Dimethylphthalate
Concen: 4.072 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:163 Resp: 230956

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	371.0	8.6	13.0#

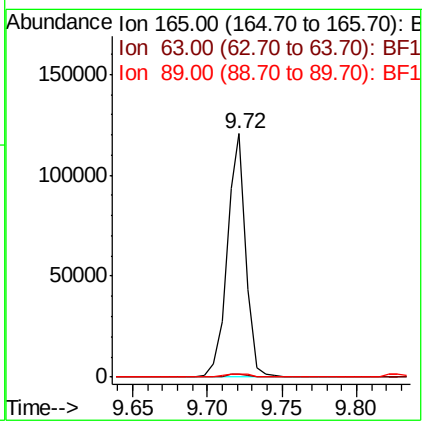


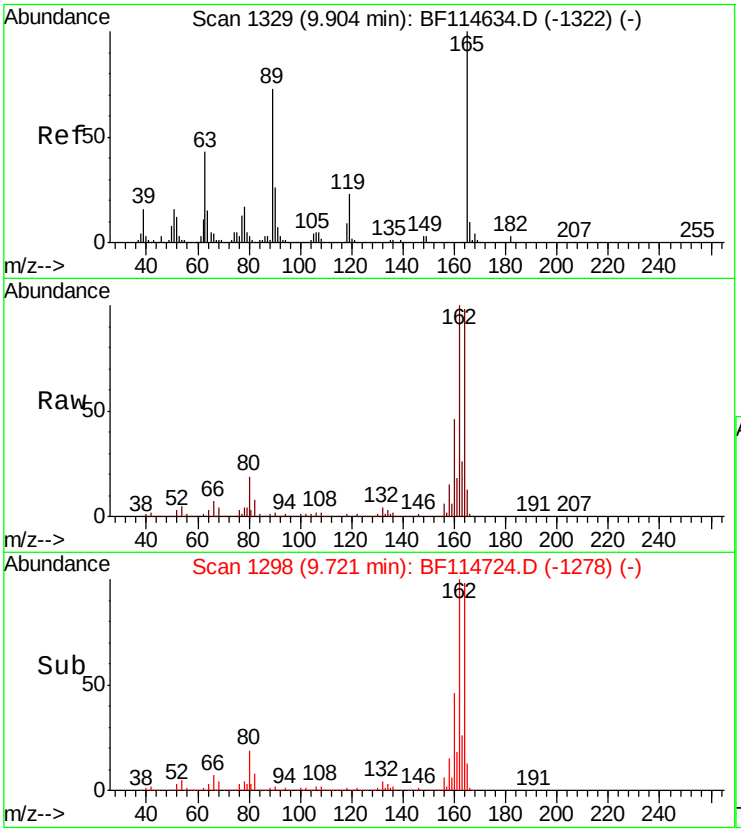


#51
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:165 Resp: 106383

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.6	54.8#
89	1.3	40.2	60.4#



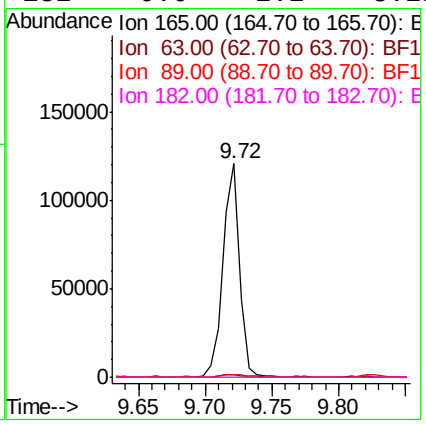


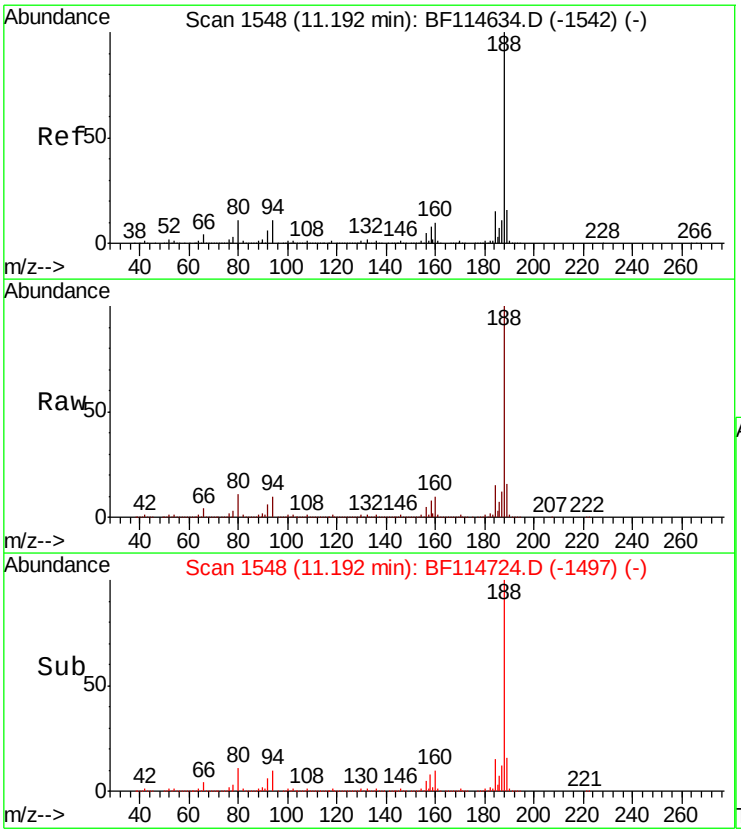
#57
2,4-Dinitrotoluene
Concen: 6.291 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:165 Resp: 106387

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

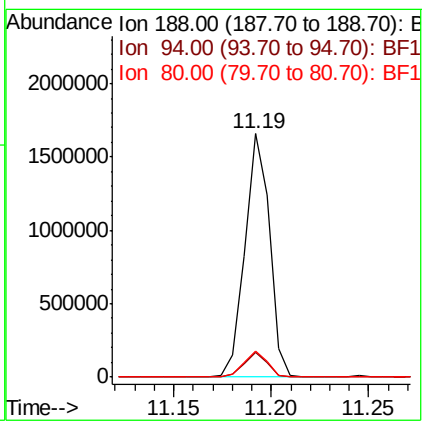


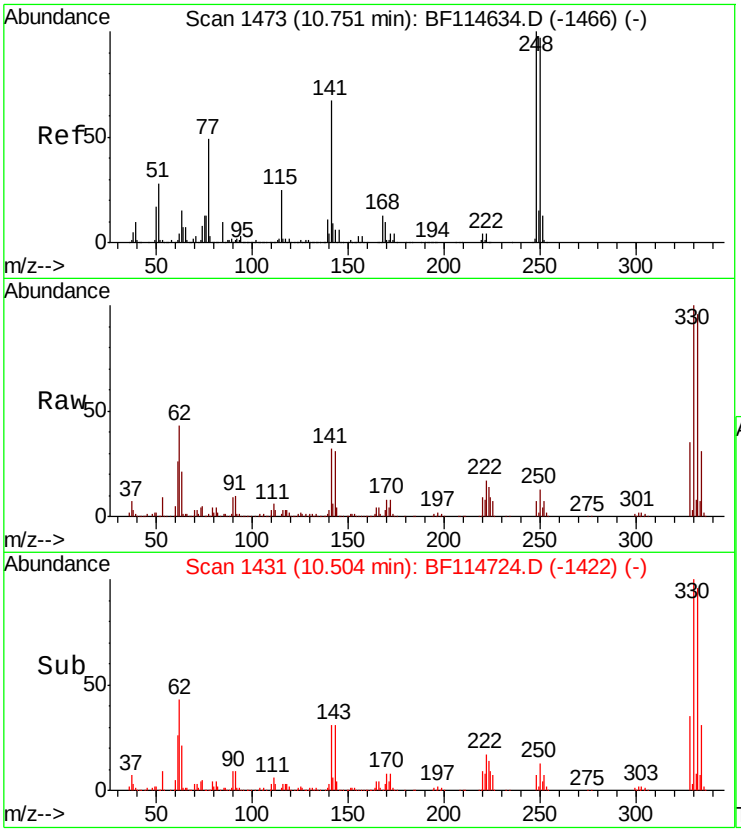


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:188 Resp: 1453953

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	13.0
80	10.6	9.0	13.6



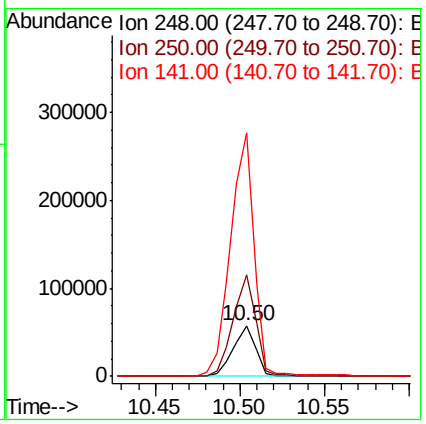


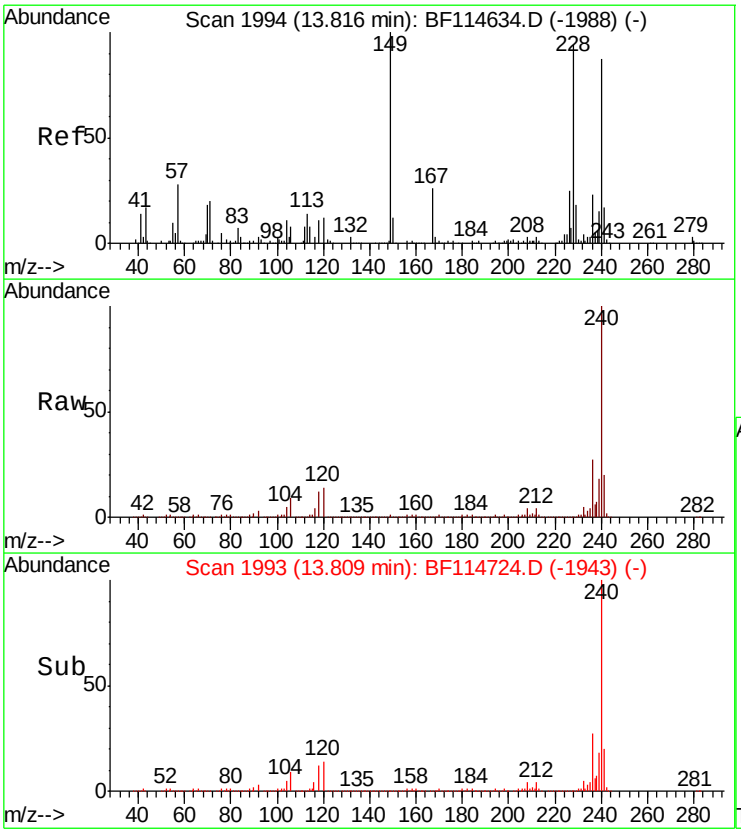
#67
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:248 Resp: 53283

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.0	117.0#
141	481.1	53.8	80.8#

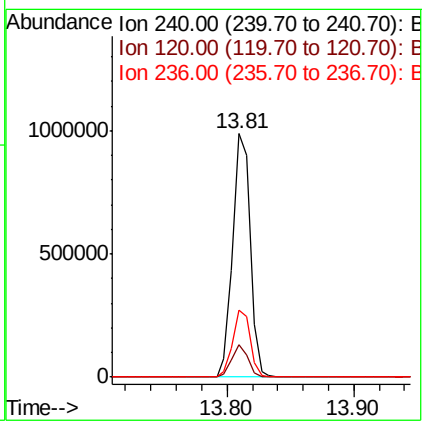


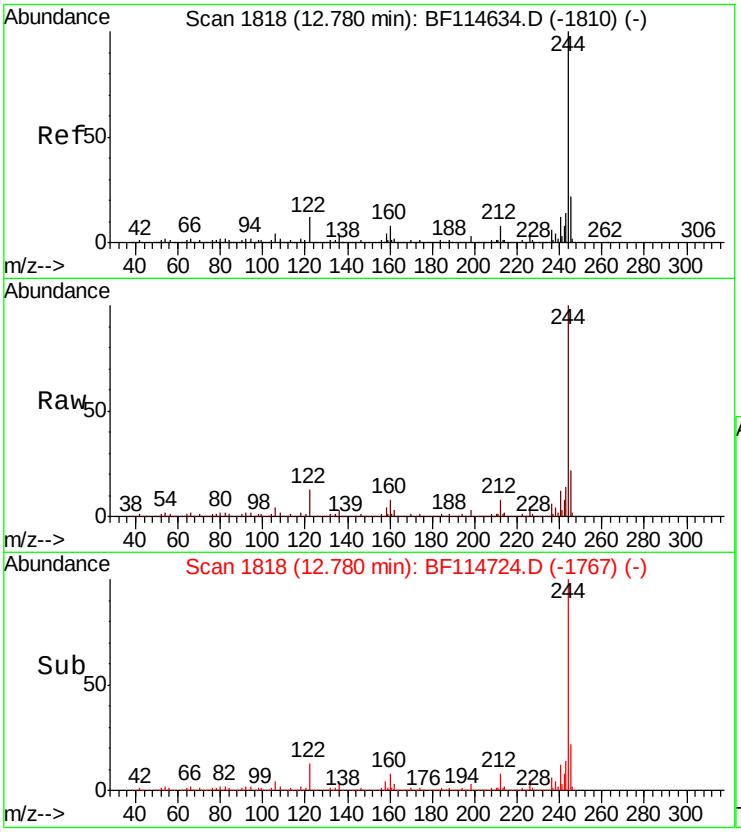


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:240 Resp: 938607

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	27.3	21.2	31.8



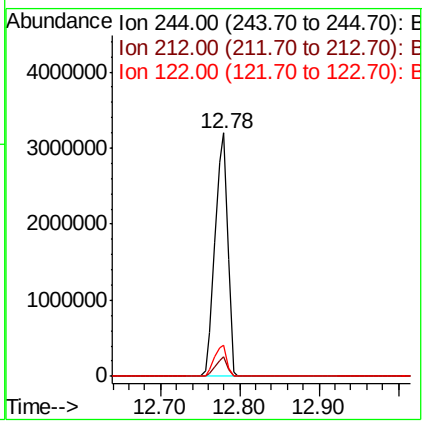


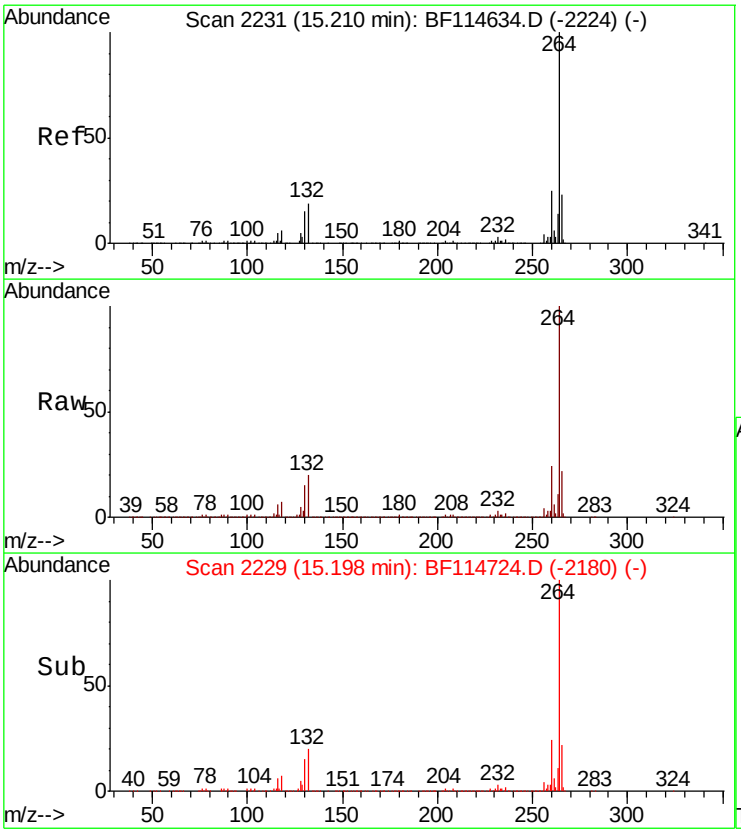
#79
Terphenyl-d14
Concen: 71.197 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:244 Resp: 3554310

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.7	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:264 Resp: 844557

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.0	18.1	27.1