Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092025.D
Acq On : 29 Dec 2016 15:45
Operator : UM/SJ
Sample : H6281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Time: Dec 29 16:14:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	279873	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	1108579	20.00	ng		-0.02
38) Acenaphthene-d10	9.73	164	629682	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	748376	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	579624	20.00	ng		-0.03
86) Perylene-d12	15.23	264	487853	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	988520	58.98	ng		-0.02
7) Phenol-d6	6.35	99	867460	42.39	ng		-0.03
23) Nitrobenzene-d5	7.26	82	2041376	102.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	587326	112.71	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	2752479	90.38	ng		-0.02
78) Terphenyl-d14	12.81	244	2365491	98.98	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	1561	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.26	70	272400	20.01	ng	#	74
37) 2-Methylnaphthalene	8.69	142	516	Below Cal		#	54
49) Dimethylphthalate	9.46	163	115866	2.88	ng		99
56) 2,4-Dinitrotoluene	9.73	165	82238	7.43	ng	#	20
66) 4-Bromophenyl-phenylether	10.52	248	38056	4.89	ng	#	1
71) Anthracene	11.29	178	1193	Below Cal		#	17
73) Di-n-butylphthalate	11.78	149	11218	Below Cal		#	73
74) Fluoranthene	12.42	202	7515	Below Cal			75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092025.D
Acq On : 29 Dec 2016 15:45
Operator : UM/SJ
Sample : H6281-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Time: Dec 29 16:14:42 2016
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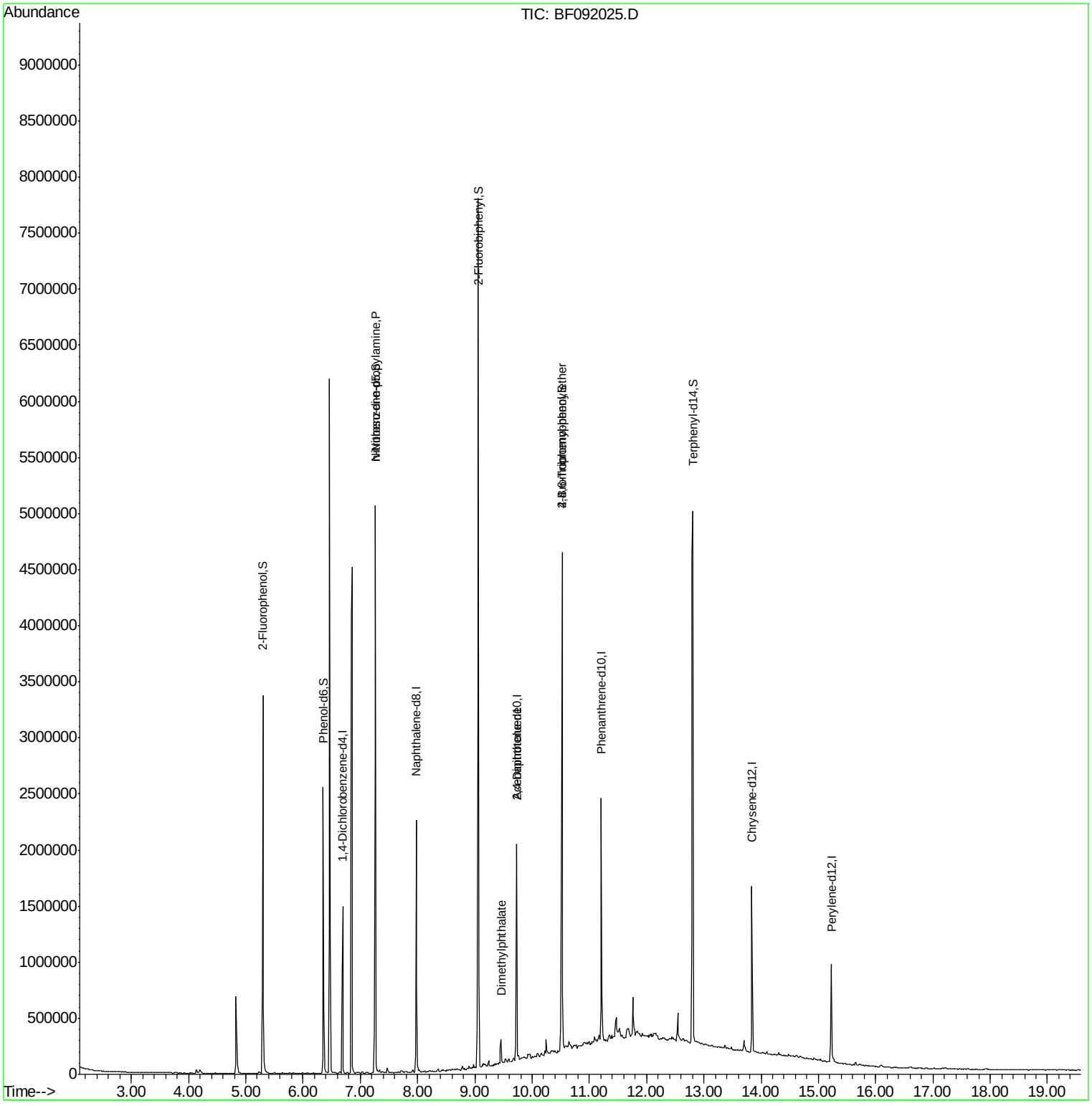
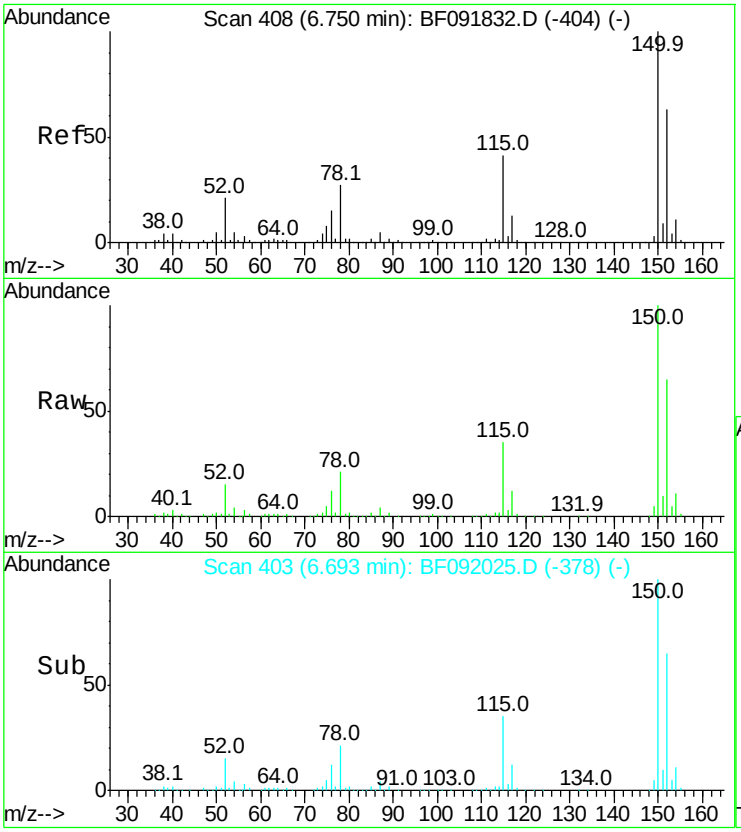


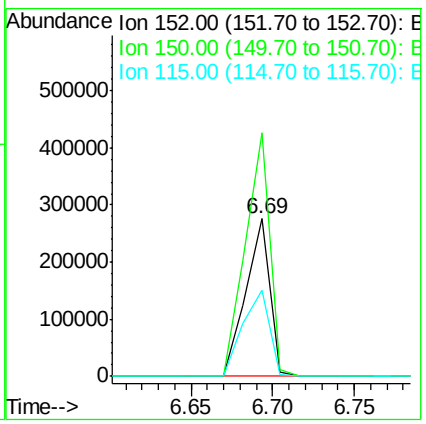


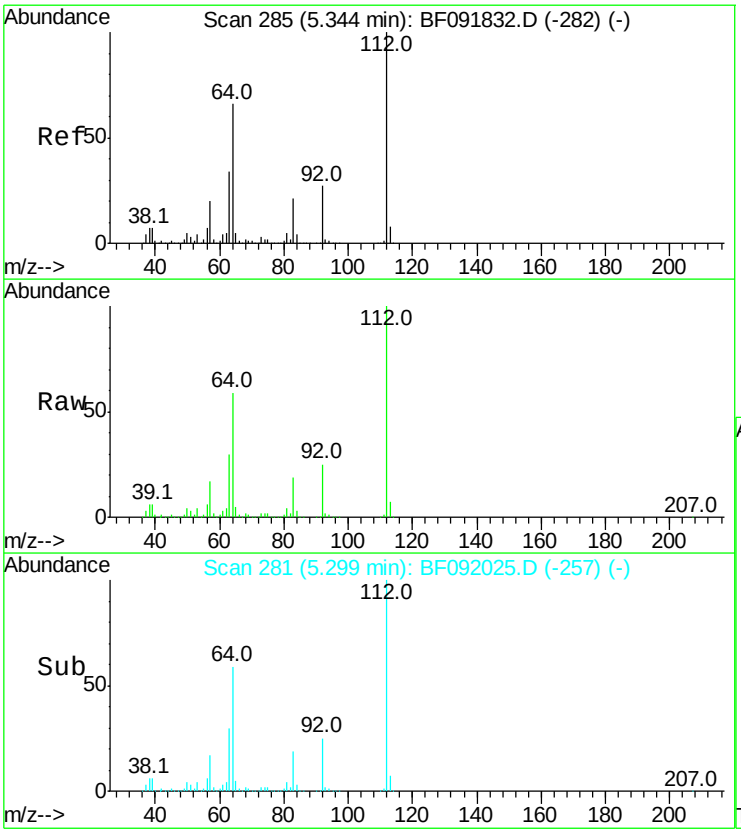
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 279873

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	54.7	46.0	69.0

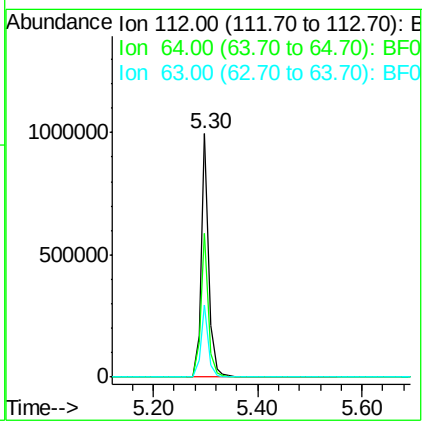


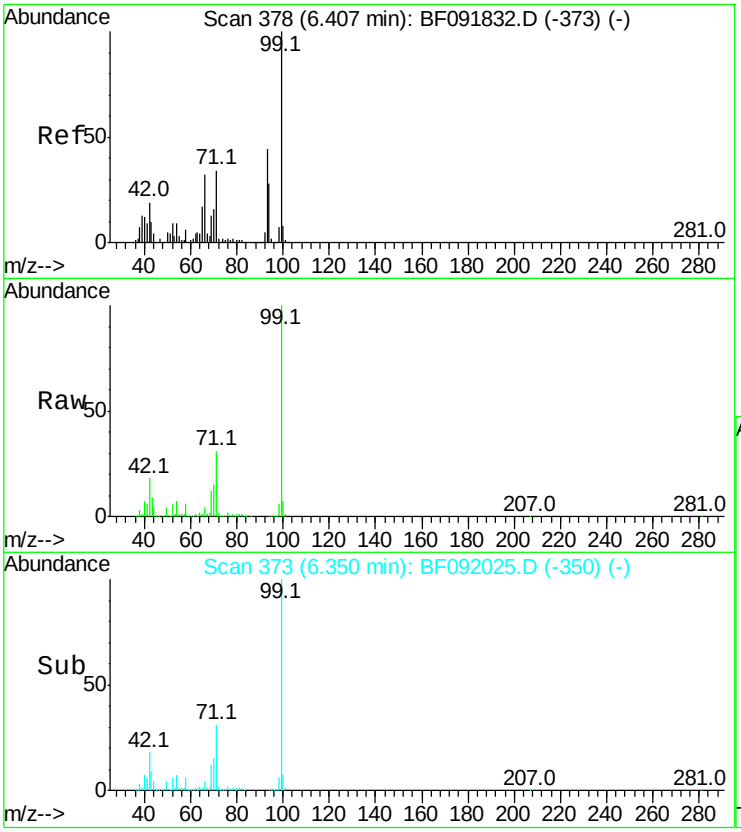


#5
2-Fluorophenol
Concen: 58.98 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:112 Resp: 988520

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.1	69.1
63	29.7	23.8	35.6



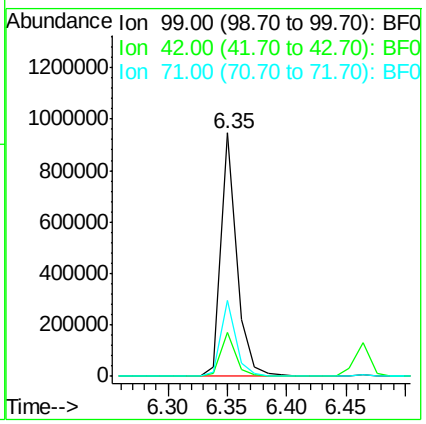


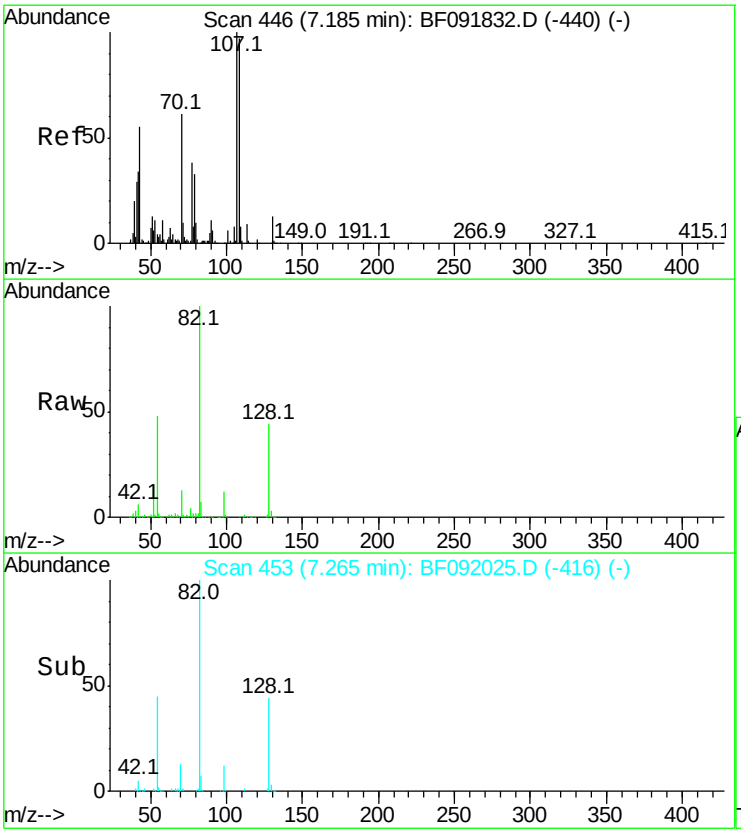
#7
Phenol-d6
Concen: 42.39 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.03 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 867460

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.6	23.4
71	31.0	27.5	41.3

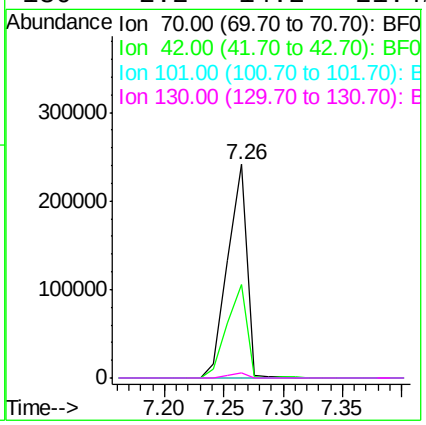


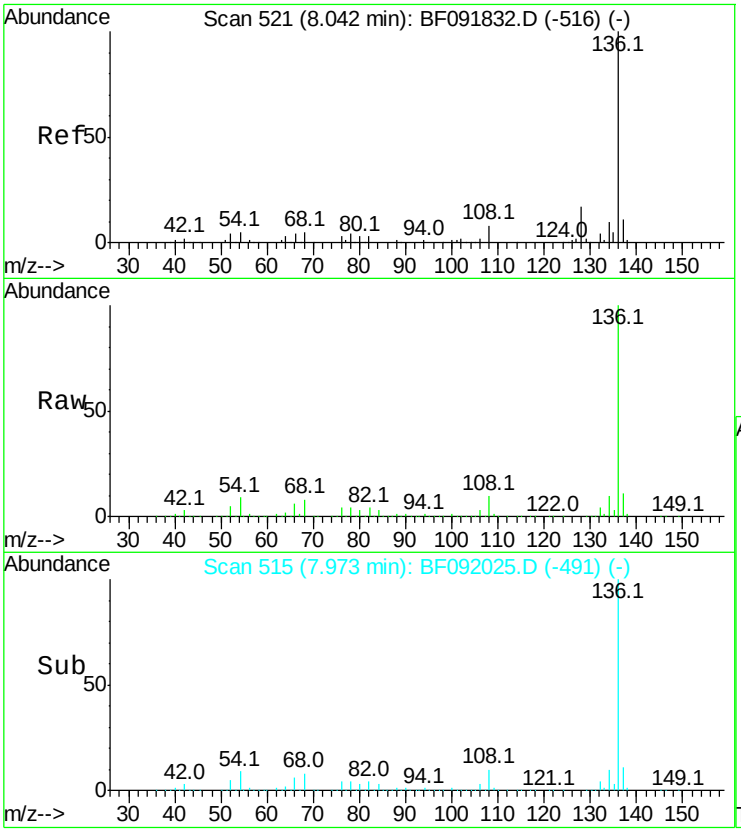


#19
n-Nitroso-di-n-propylamine
Concen: 20.01 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion: 70 Resp: 272400

Ion	Ratio	Lower	Upper
70	100		
42	43.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



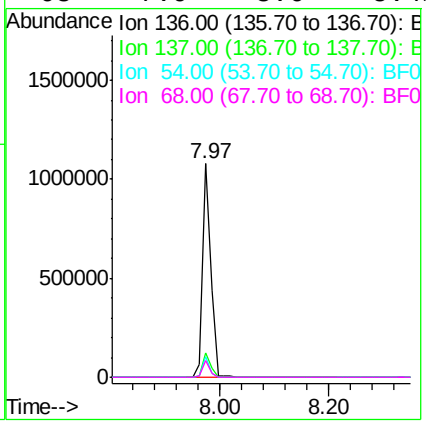


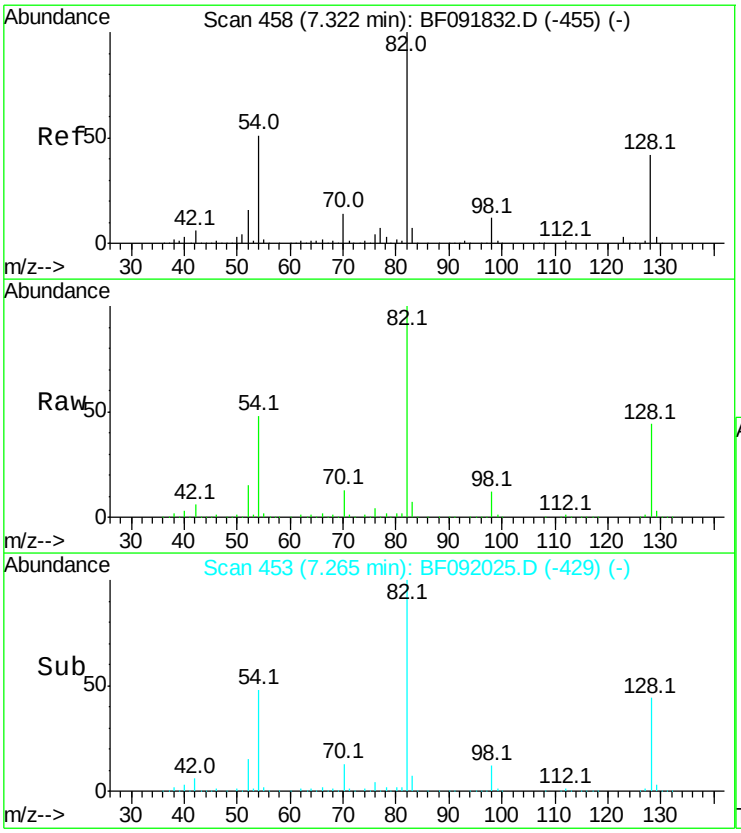
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 1108579

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.4	4.5	6.7#
68	7.9	3.6	5.4#

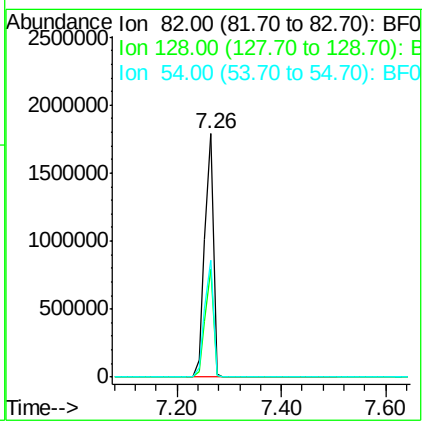


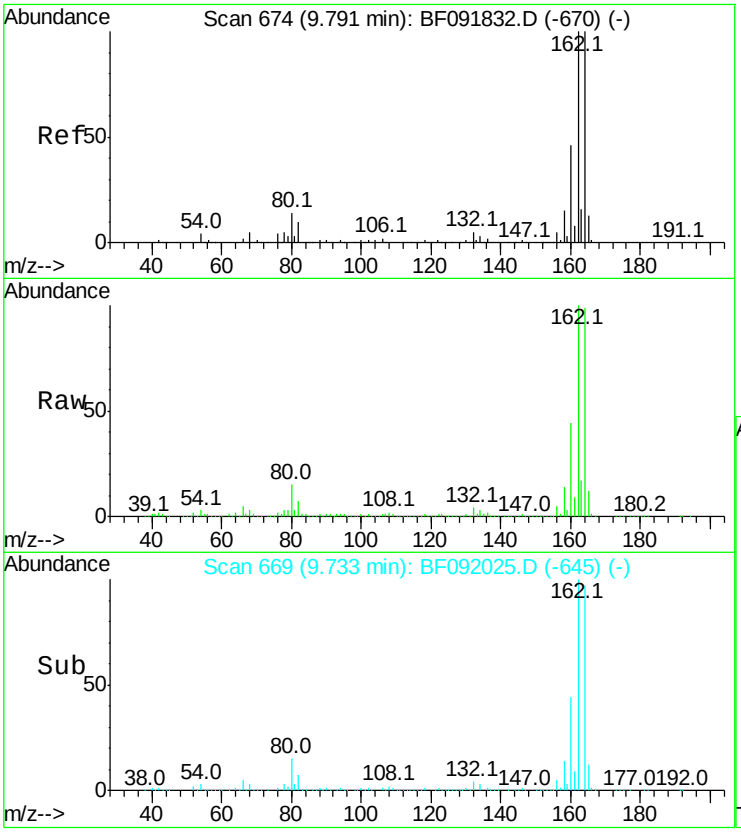


#23
Nitrobenzene-d5
Concen: 102.39 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion: 82 Resp: 2041376

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	48.2	39.5	59.3



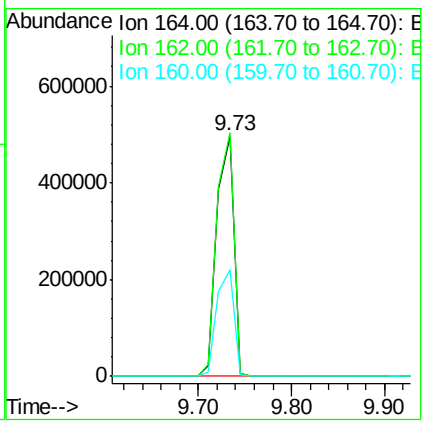


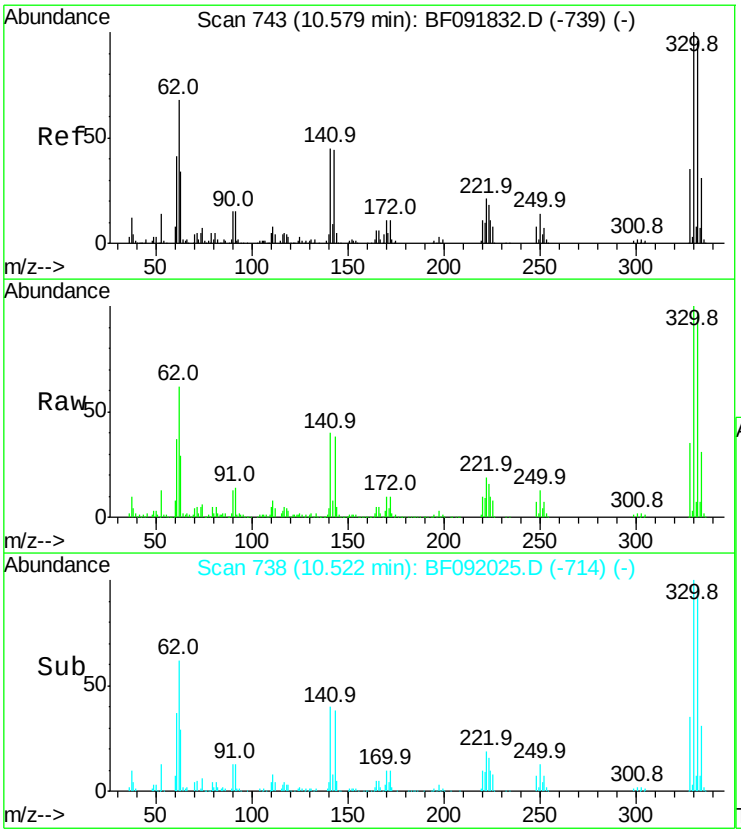
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:164 Resp: 629682

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	44.7	36.9	55.3

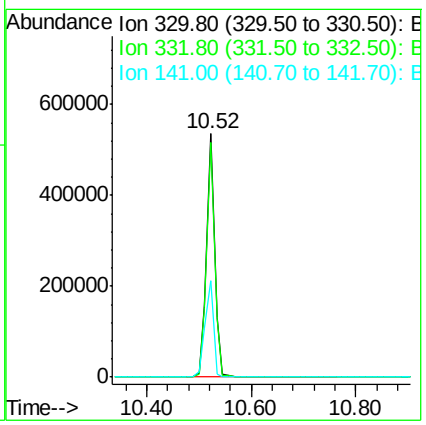


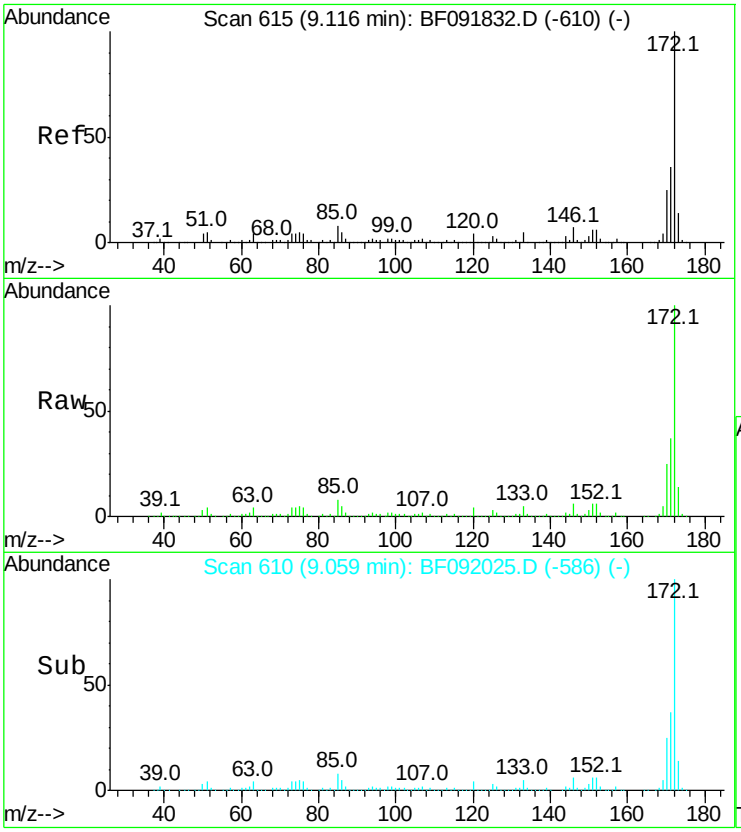


#41
2,4,6-Tribromophenol
Concen: 112.71 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:330 Resp: 587326

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.0	34.1	51.1



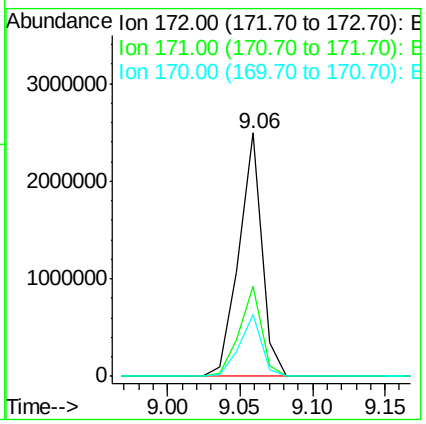


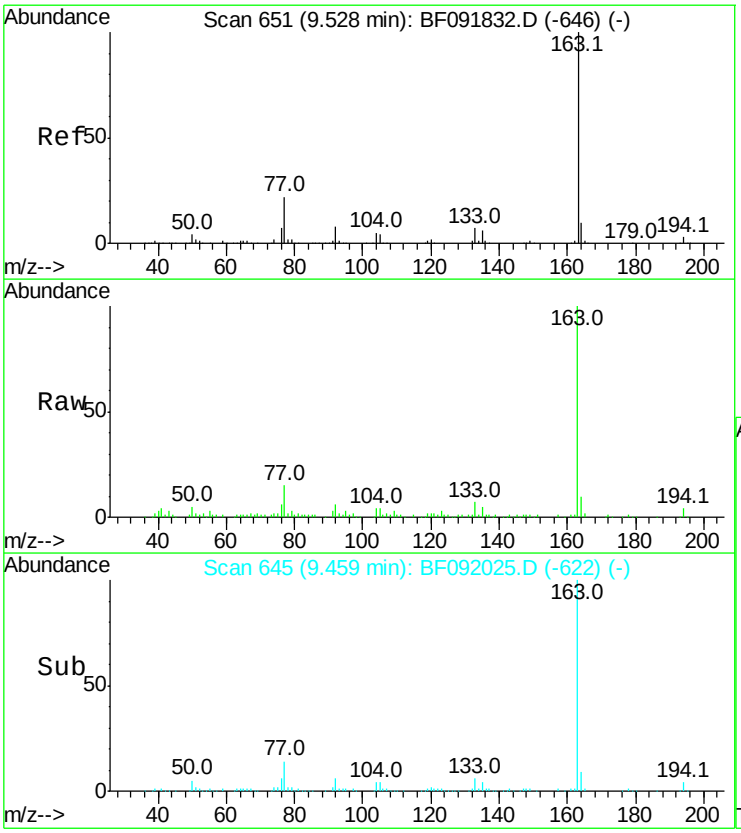
#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 2752479

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.3	20.2	30.4

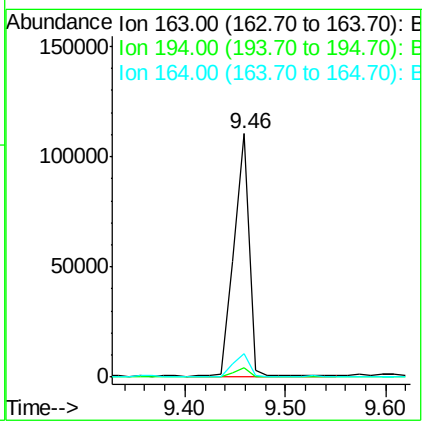


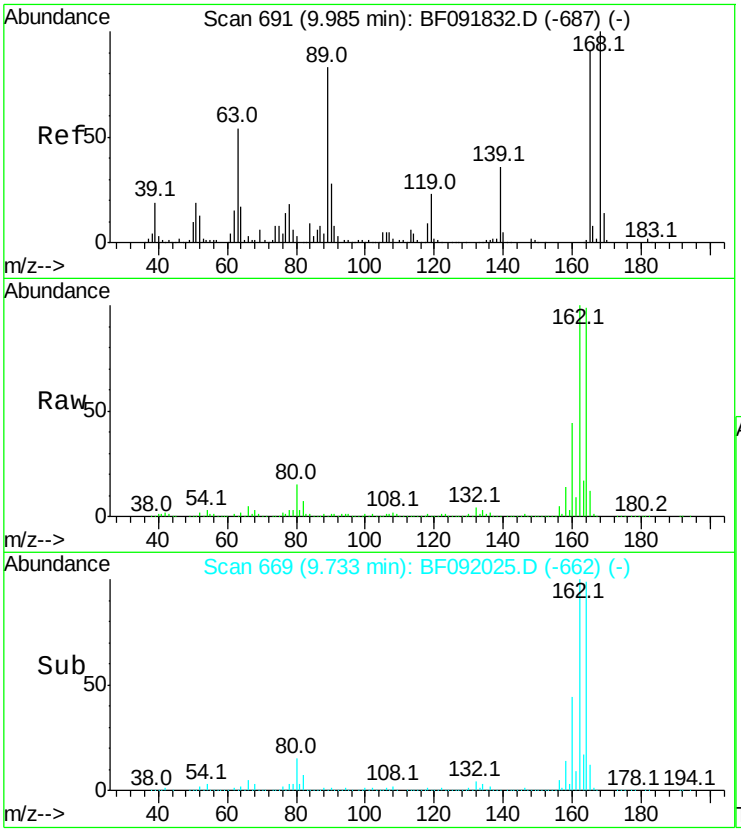


#49
Dimethylphthalate
Concen: 2.88 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:163 Resp: 115866

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.5	8.0	12.0



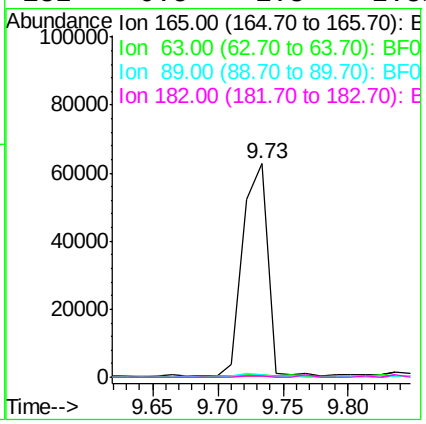


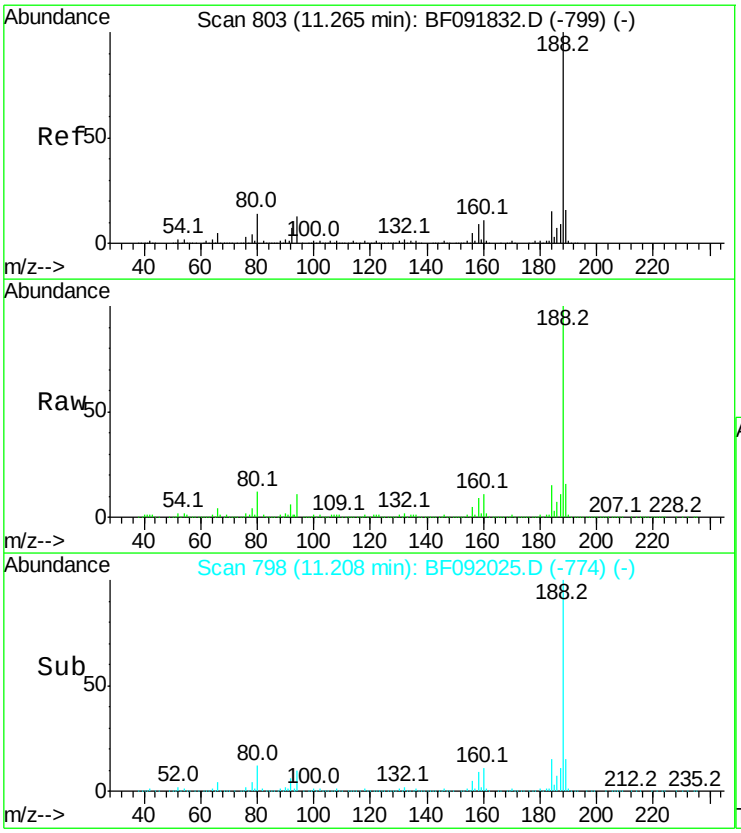
#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:165 Resp: 82238

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.4	62.5	93.7#
182	0.5	1.8	2.8#

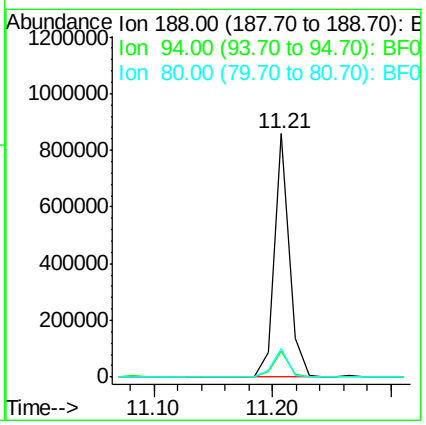


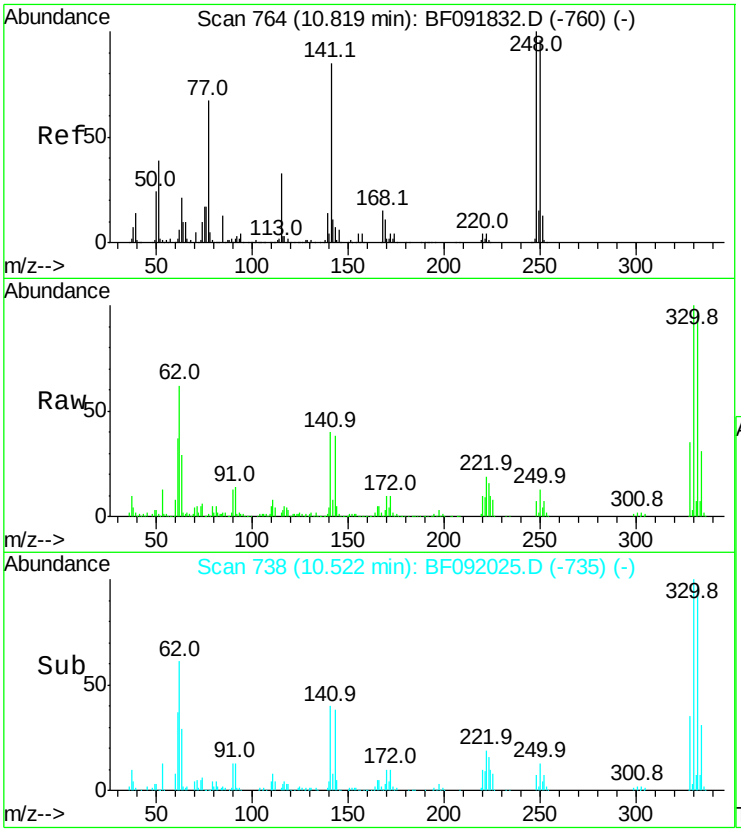


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:188 Resp: 748376

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	11.9	11.2	16.8



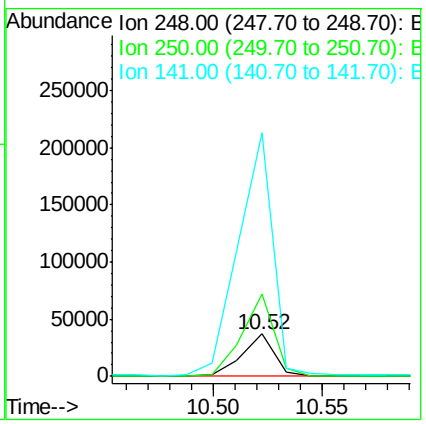


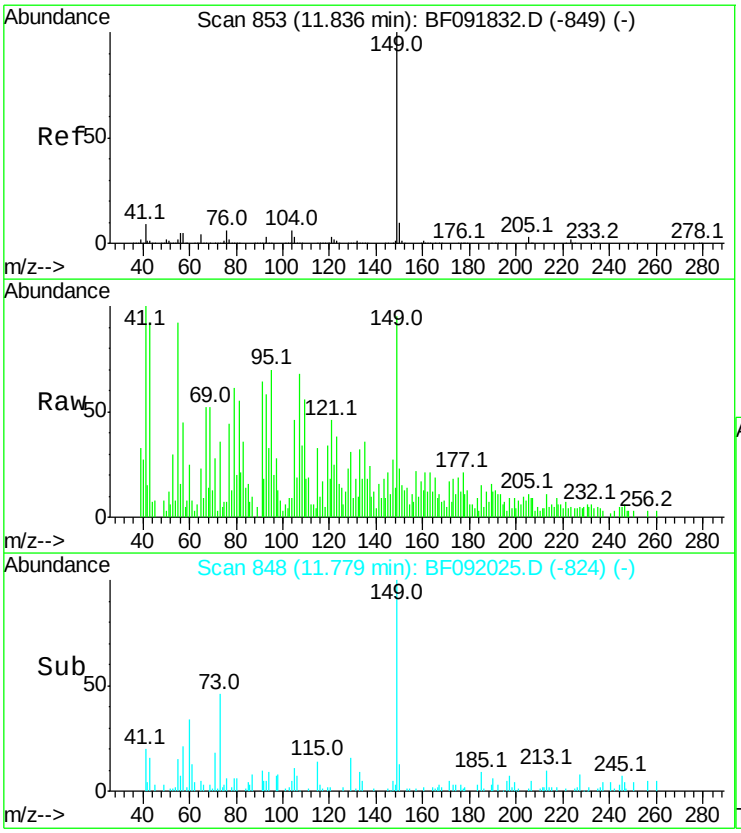
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:248 Resp: 38056

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	577.6	68.2	102.4#

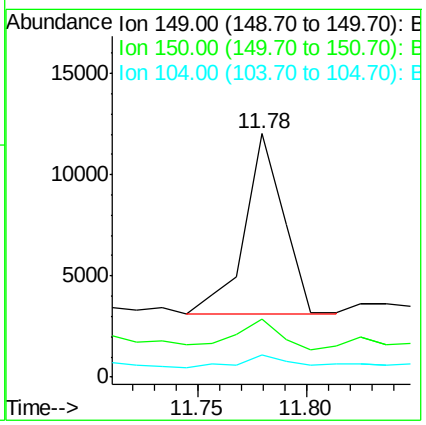


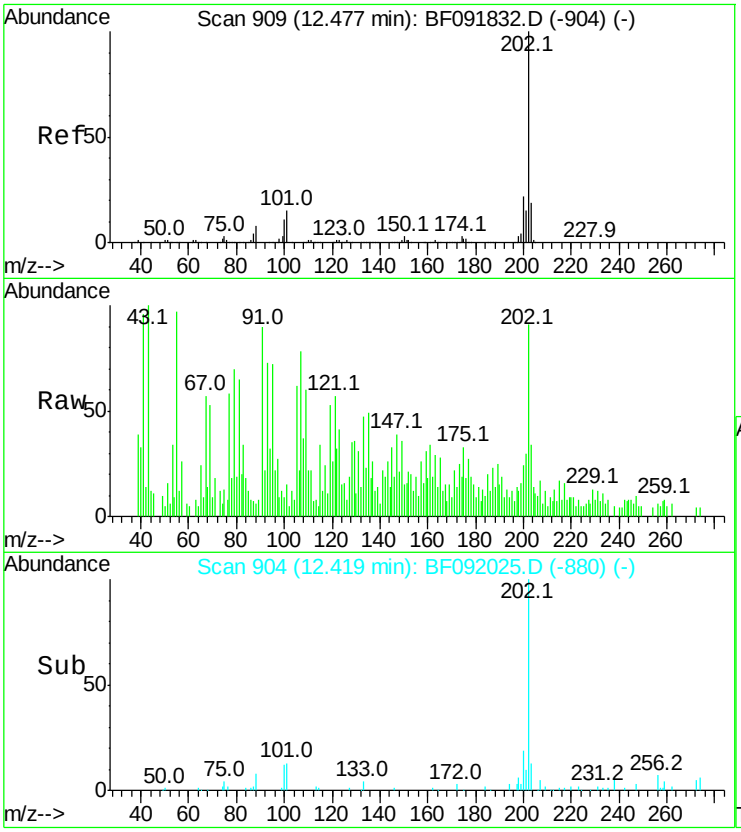


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.78 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:149 Resp: 11218

Ion	Ratio	Lower	Upper
149	100		
150	23.7	8.1	12.1#
104	9.0	4.6	7.0#



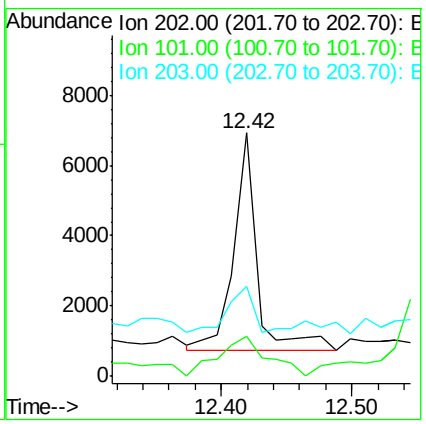


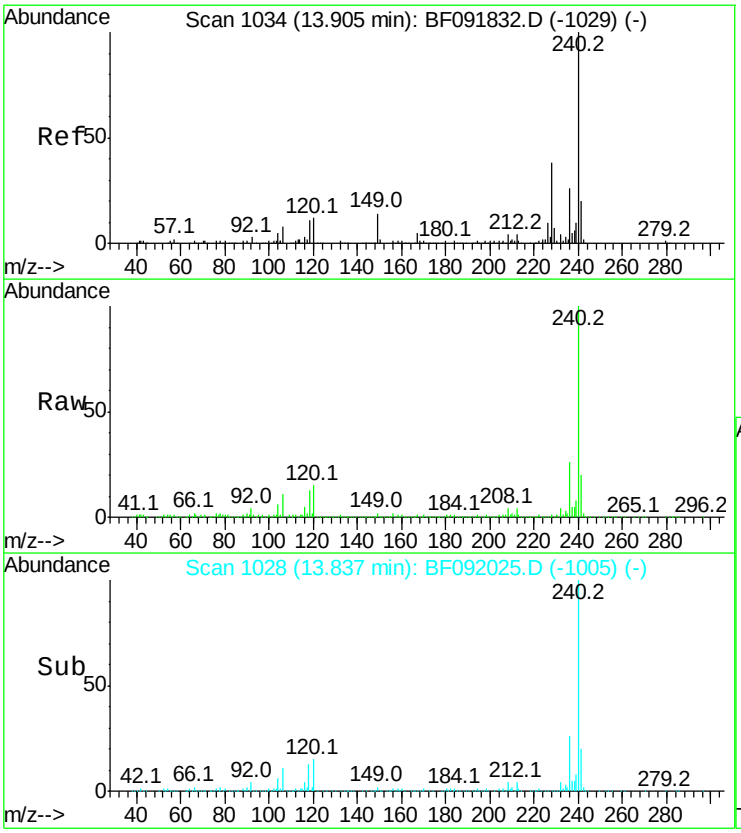
#74
Fluoranthene
Concen: Below Cal
RT: 12.42 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:202 Resp: 7515

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	34.6
203	36.9	0.0	38.7

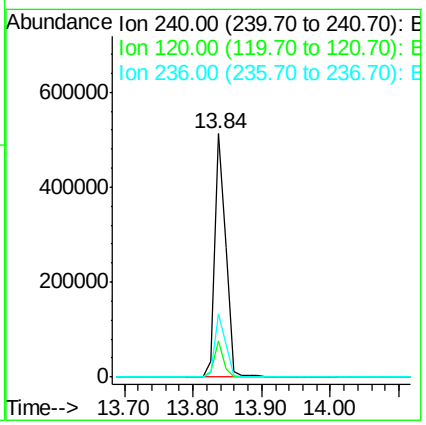


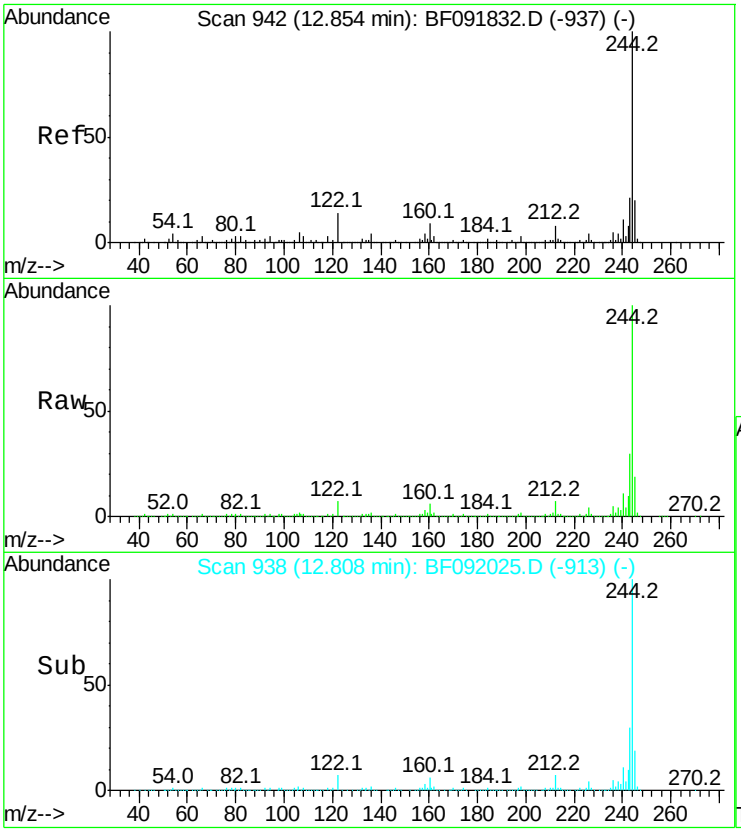


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:240 Resp: 579624

Ion	Ratio	Lower	Upper
240	100		
120	14.8	12.9	19.3
236	25.8	20.9	31.3



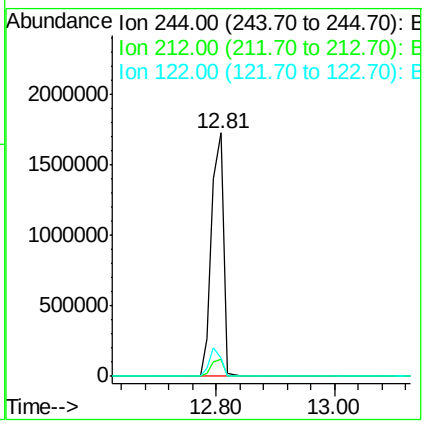


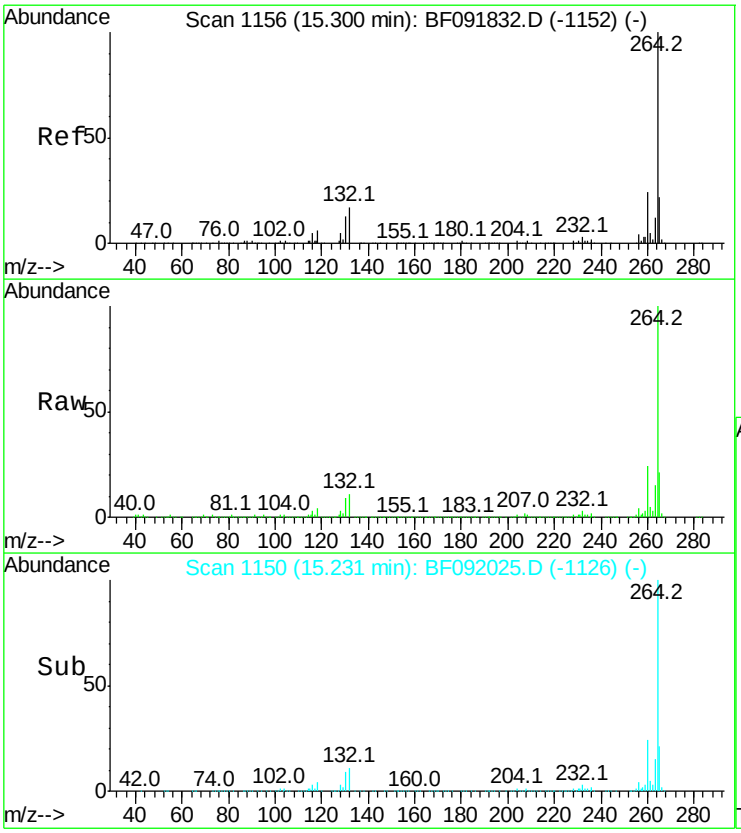
#78
Terphenyl-d14
Concen: 98.98 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:244 Resp: 2365491

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	7.4	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF092025.D
Acq: 29 Dec 2016 15:45

Tgt Ion:264 Resp: 487853

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.4	26.0