Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092022.D
Acq On : 29 Dec 2016 13:54
Operator : UM/SJ
Sample : H6278-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Time: Dec 29 14:43:04 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	243931	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	795492	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	439190	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	758227	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	668981	20.00	ng	-0.03
86) Perylene-d12	15.22	264	586962	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	792622	54.26	ng	-0.02
7) Phenol-d6	6.35	99	734293	41.17	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1749542	122.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	512885	141.11	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2148210	102.94	ng	-0.02
78) Terphenyl-d14	12.81	244	2529900	91.72	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	36777	2.53	ng	# 67
19) n-Nitroso-di-n-propylamine	7.26	70	234699	19.78	ng	# 76
50) 2,6-Dinitrotoluene	9.73	165	56844	9.25	ng	# 29
56) 2,4-Dinitrotoluene	9.73	165	56844	7.37	ng	# 18
66) 4-Bromophenyl-phenylether	10.52	248	35443	4.49	ng	# 1
71) Anthracene	11.29	178	819	Below Cal		# 59
73) Di-n-butylphthalate	11.78	149	4884	Below Cal		# 92
74) Fluoranthene	12.42	202	1061	Below Cal		61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092022.D
Acq On : 29 Dec 2016 13:54
Operator : UM/SJ
Sample : H6278-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Time: Dec 29 14:43:04 2016
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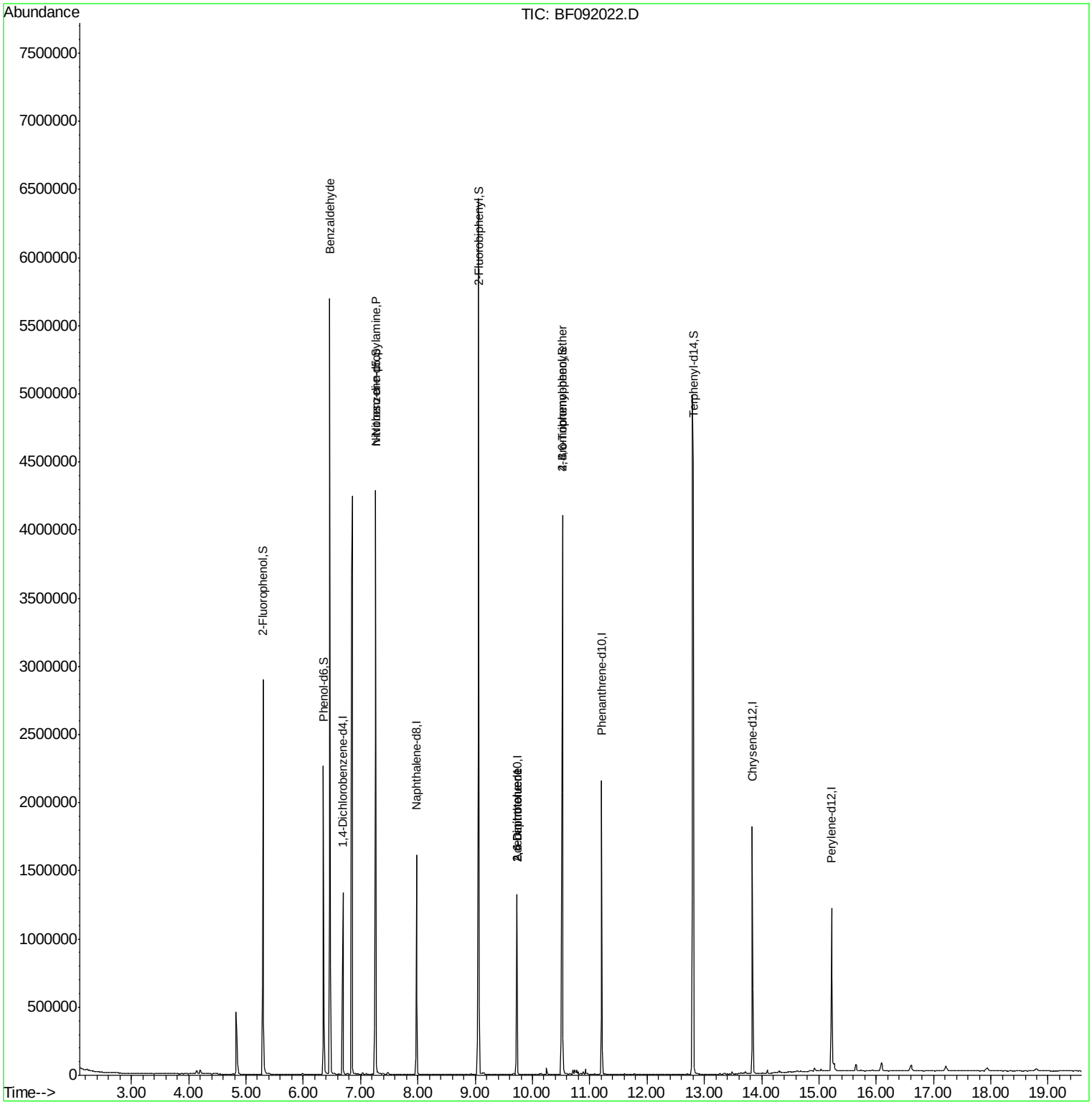
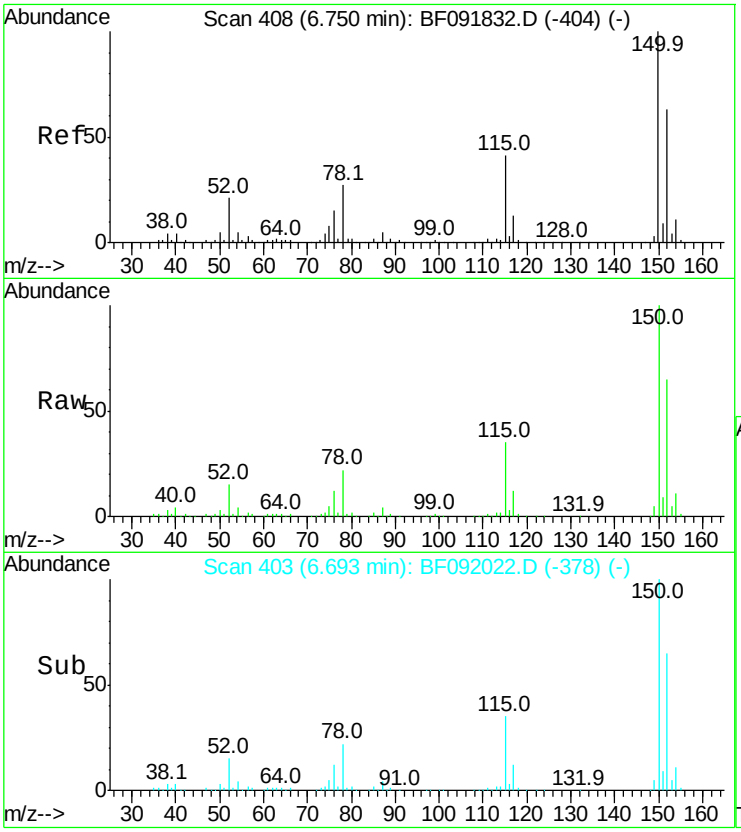


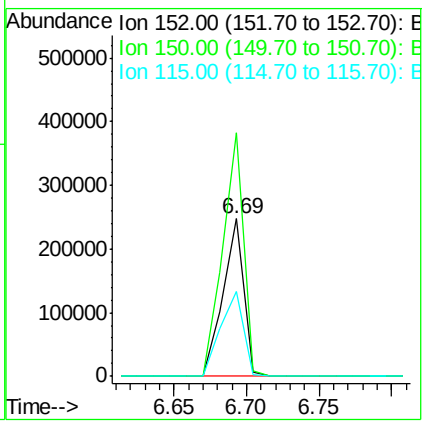


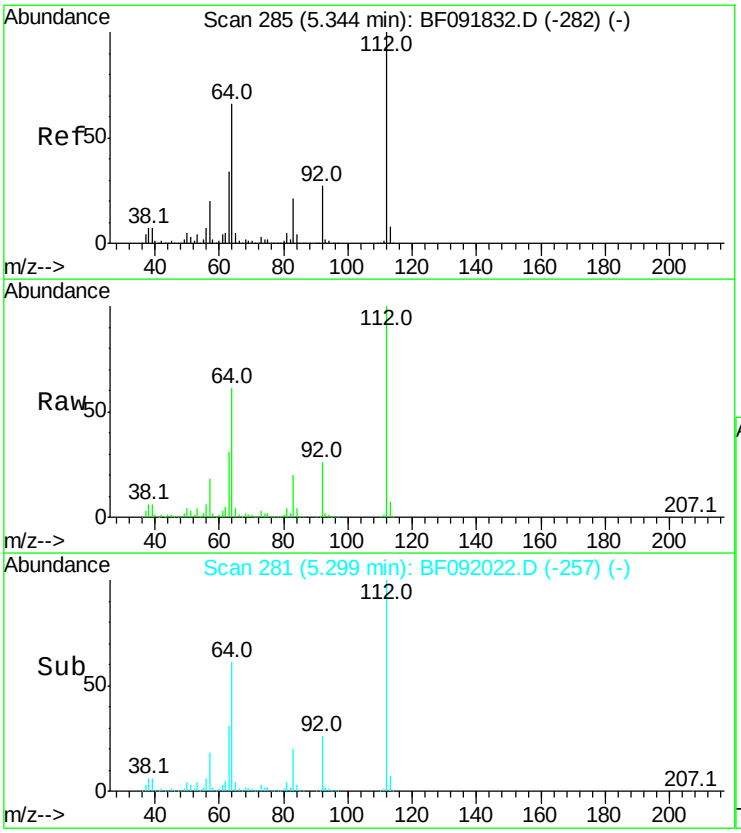
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 243931

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.9	187.3
115	54.2	46.0	69.0

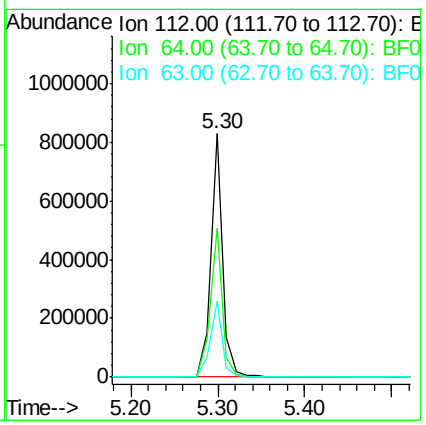


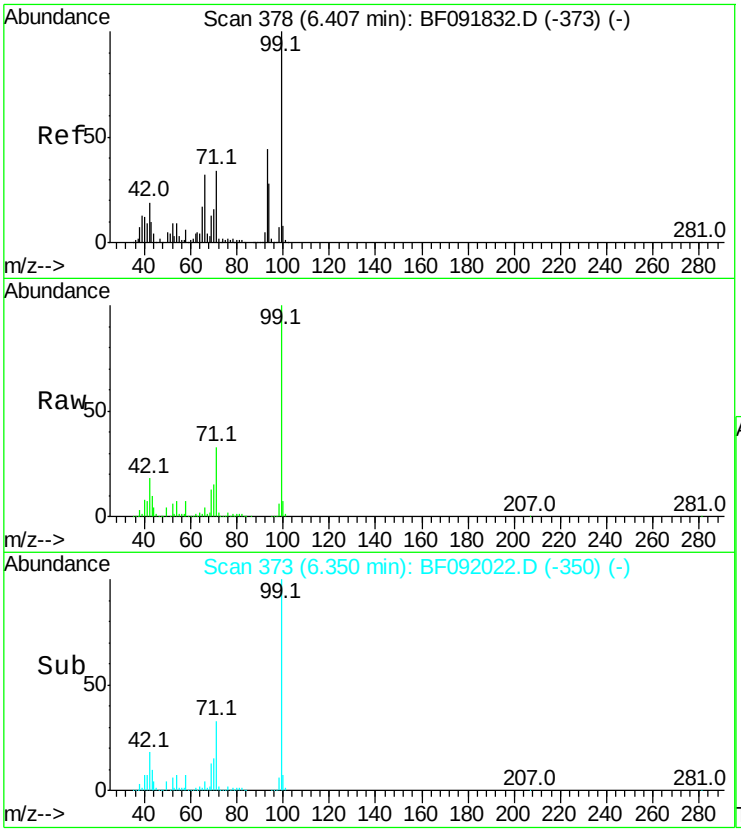


#5
2-Fluorophenol
Concen: 54.26 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:112 Resp: 792622

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	31.4	23.8	35.6



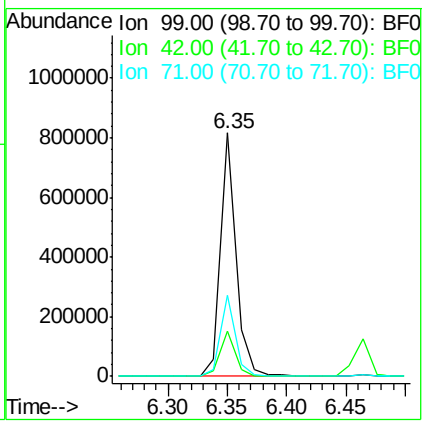


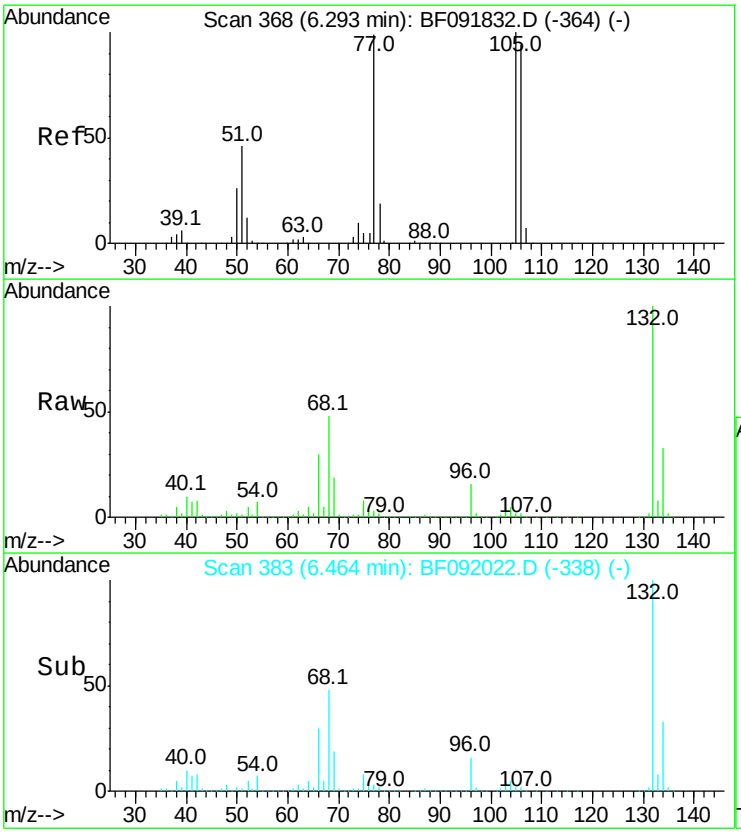
#7
Phenol-d6
Concen: 41.17 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.03 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 99 Resp: 734293

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.6	23.4
71	33.1	27.5	41.3

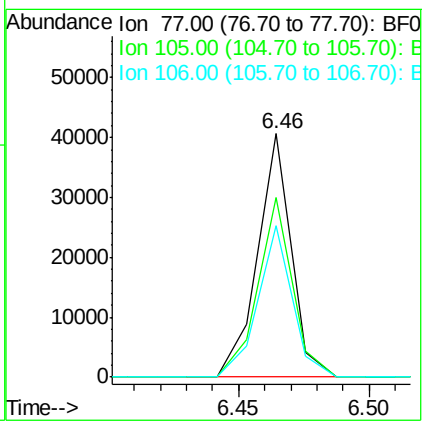


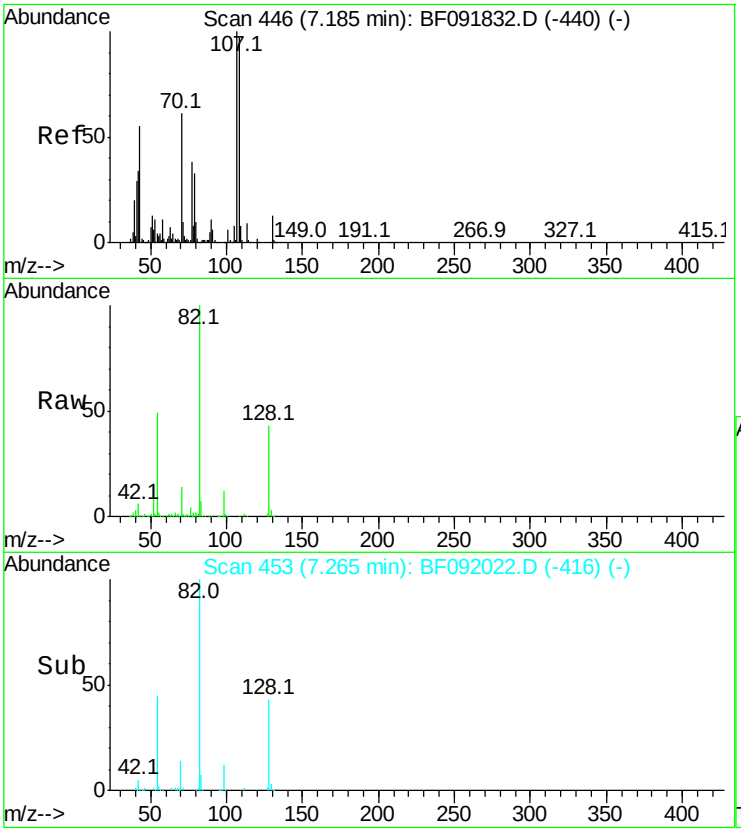


#9
Benzaldehyde
Concen: 2.53 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.22 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion: 77 Resp: 36777

Ion	Ratio	Lower	Upper
77	100		
105	73.8	83.9	123.9#
106	62.2	77.6	117.6#



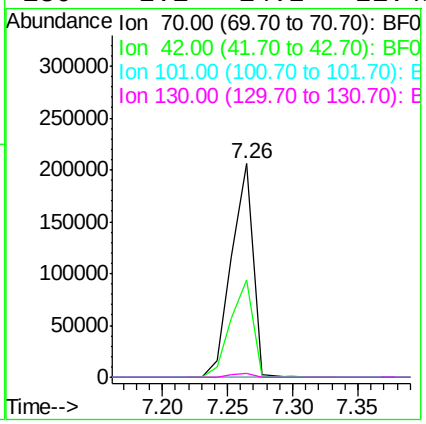


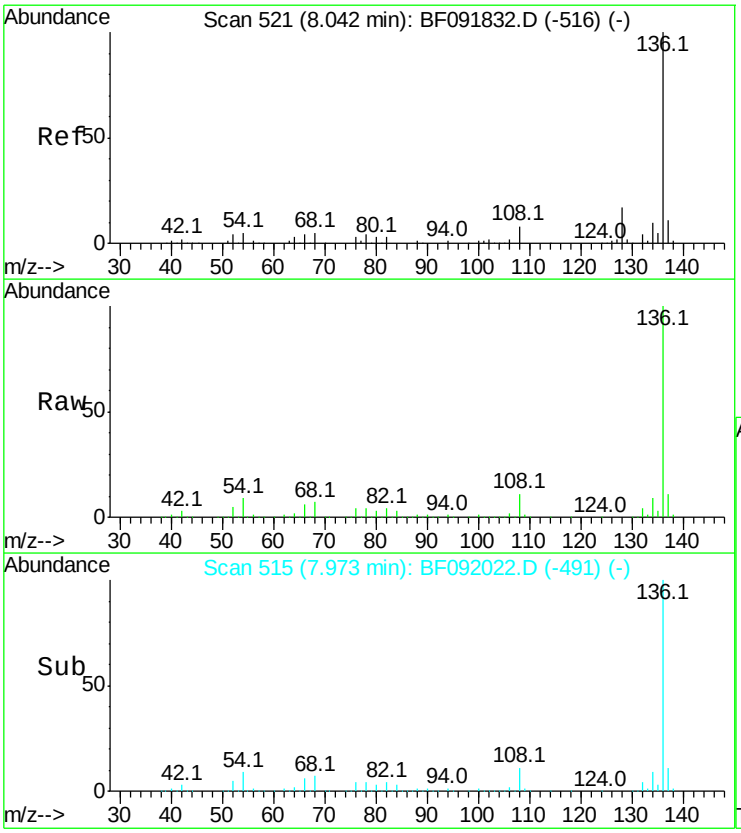
#19
n-Nitroso-di-n-propylamine
Concen: 19.78 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 70 Resp: 234699

Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

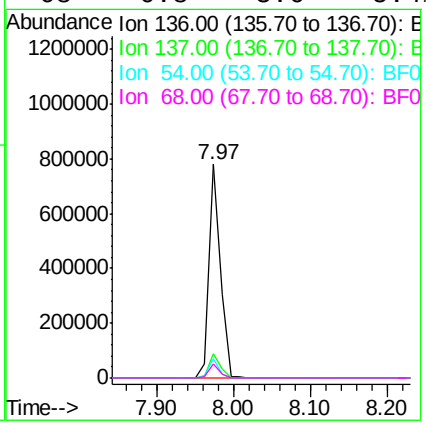


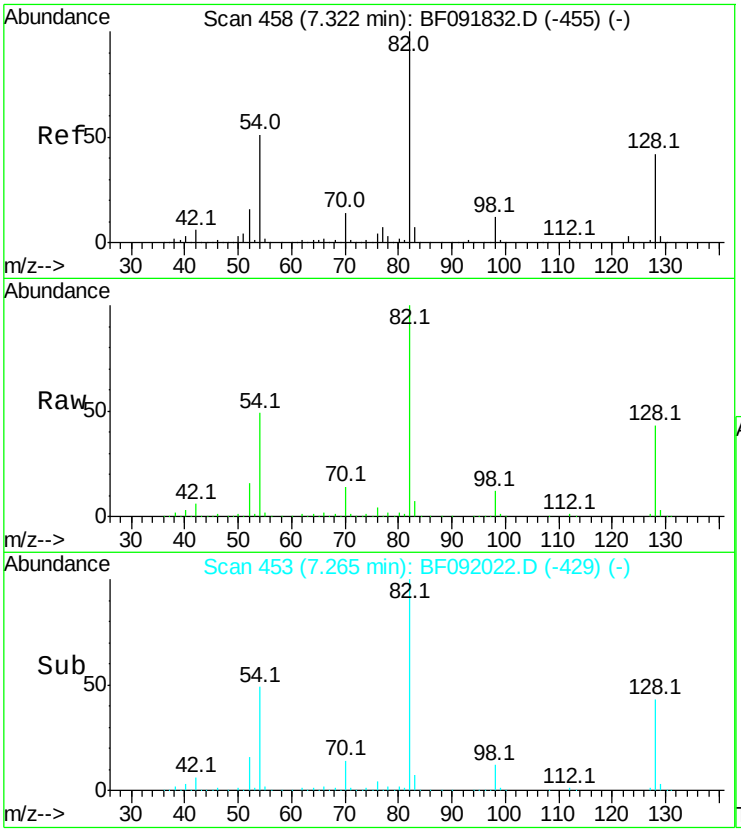


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:136 Resp: 795492

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.9	4.5	6.7#
68	6.8	3.6	5.4#



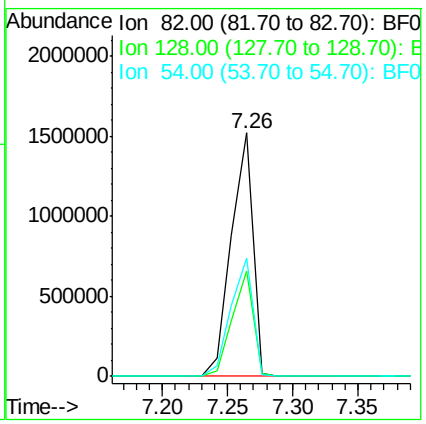


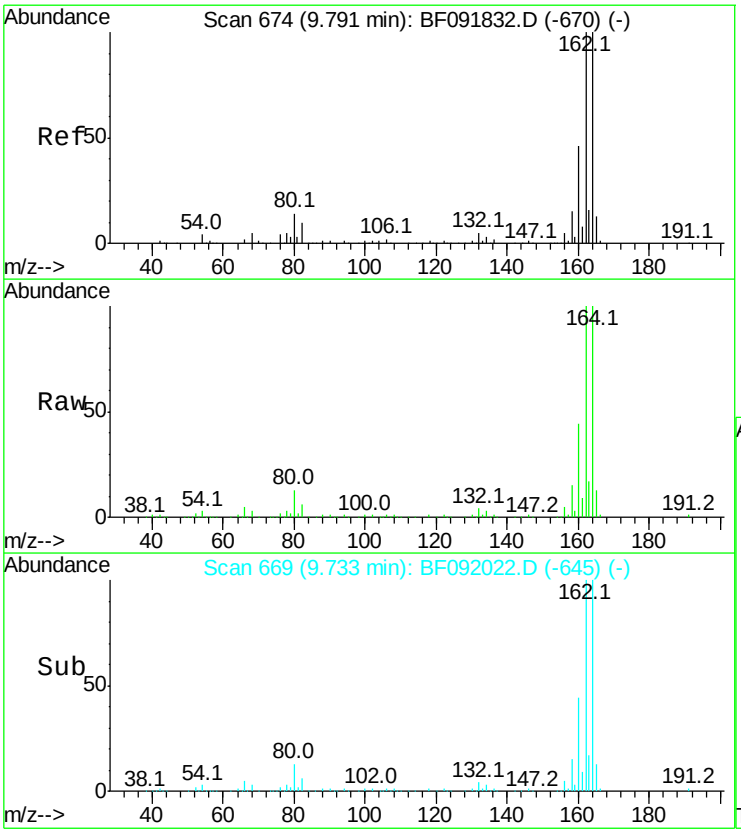
#23
Nitrobenzene-d5
Concen: 122.30 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 82 Resp: 1749542

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	48.6	39.5	59.3

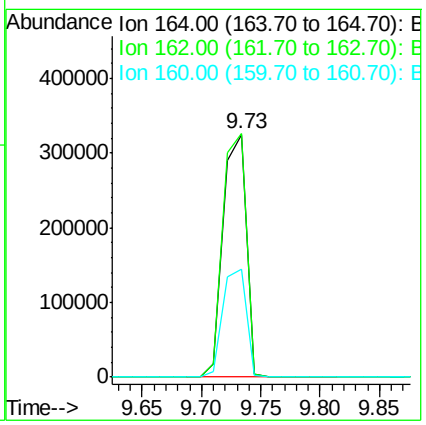


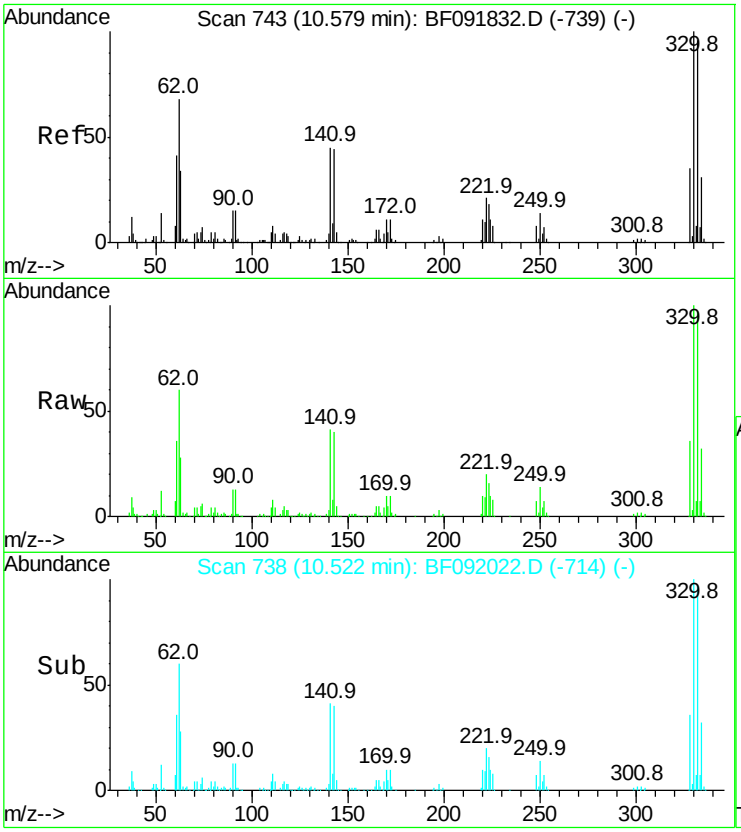


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:164 Resp: 439190

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	44.6	36.9	55.3



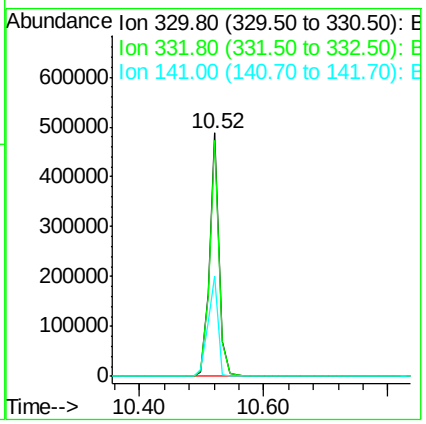


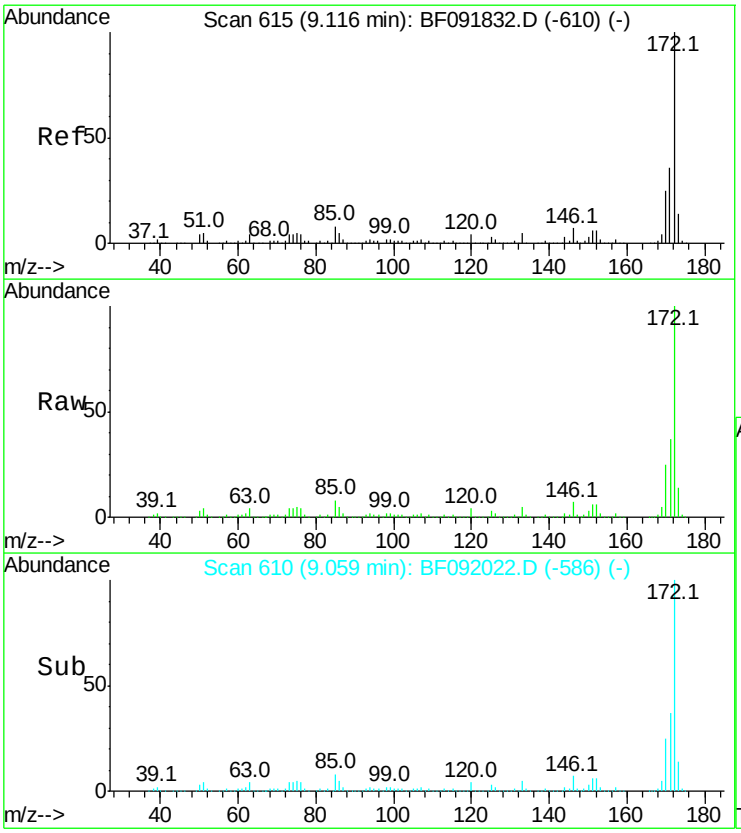
#41
2,4,6-Tribromophenol
Concen: 141.11 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:330 Resp: 512885

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	44.1	34.1	51.1

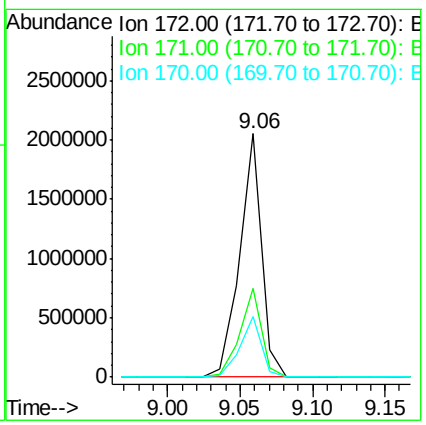


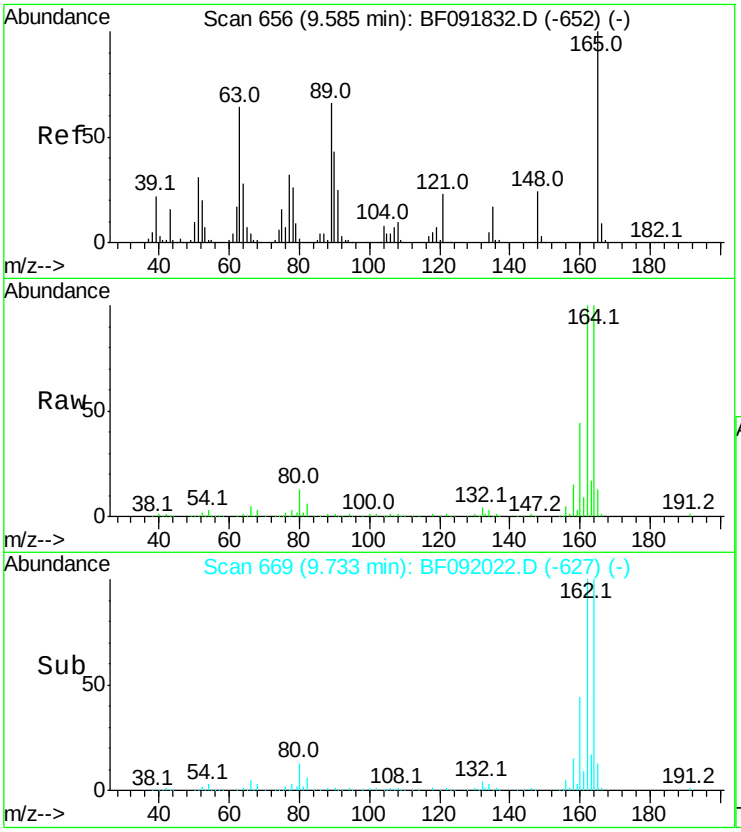


#44
2-Fluorobiphenyl
Concen: 102.94 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:172 Resp: 2148210

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.0	20.2	30.4



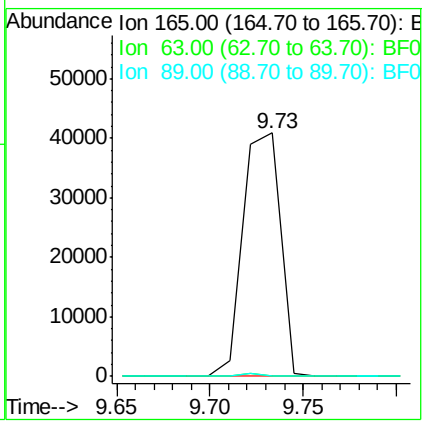


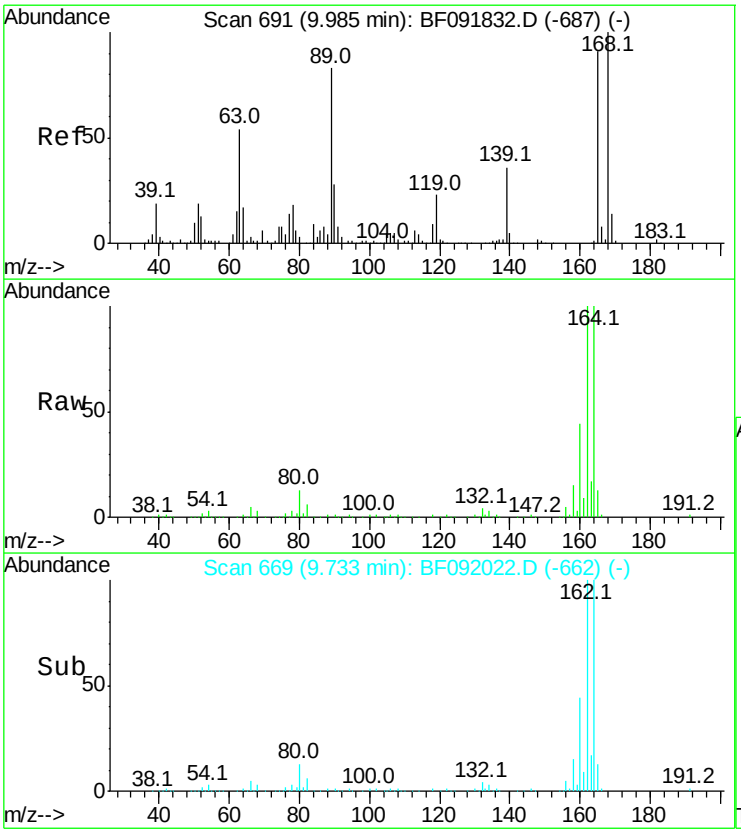
#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.18 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:165 Resp: 56844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#

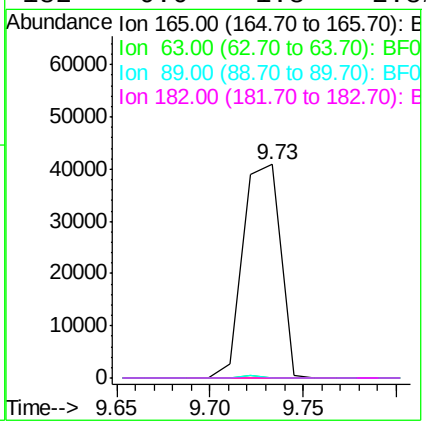


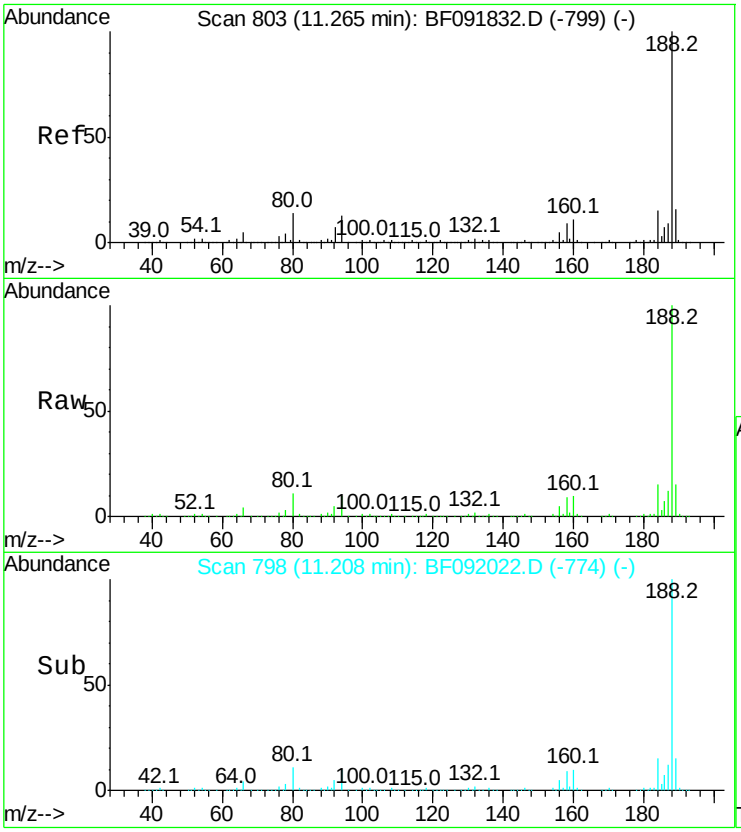


#56
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:165 Resp: 56844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



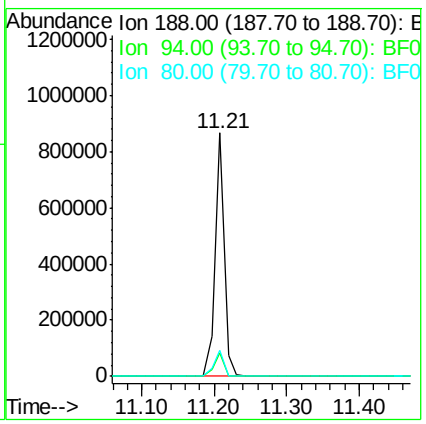


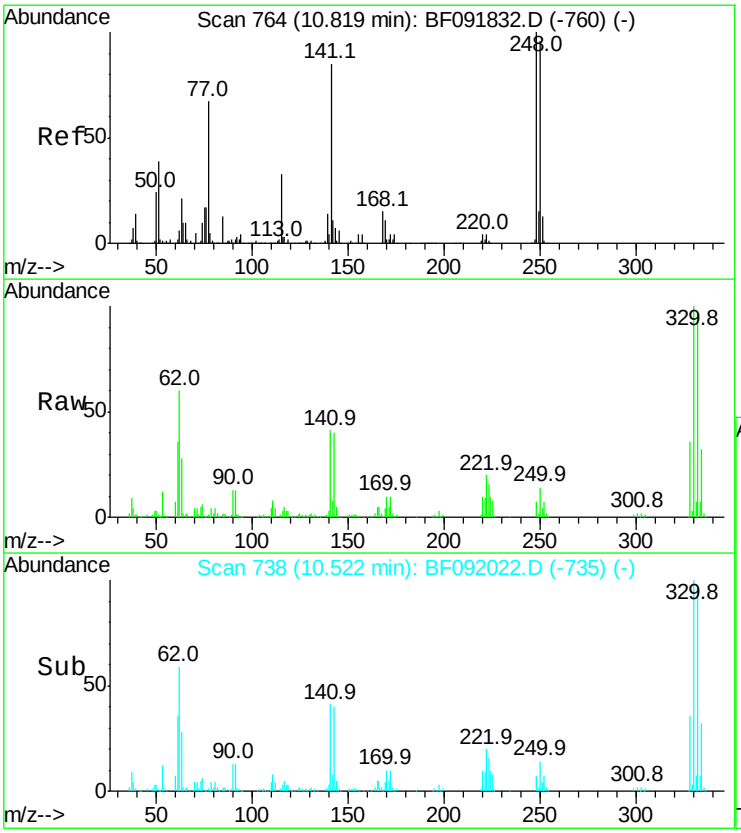
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:188 Resp: 758227

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.7	11.2	16.8#

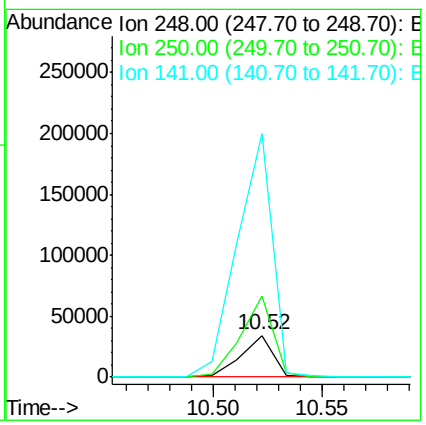


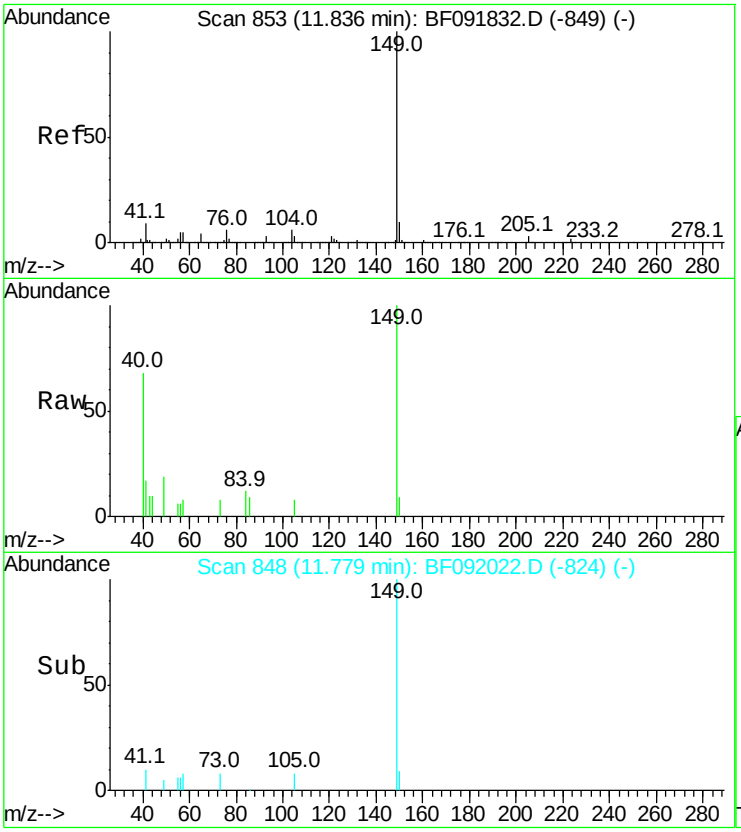


#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:248 Resp: 35443

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.9	115.3#
141	586.6	68.2	102.4#



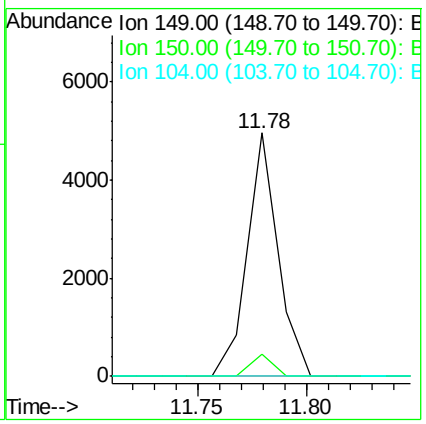


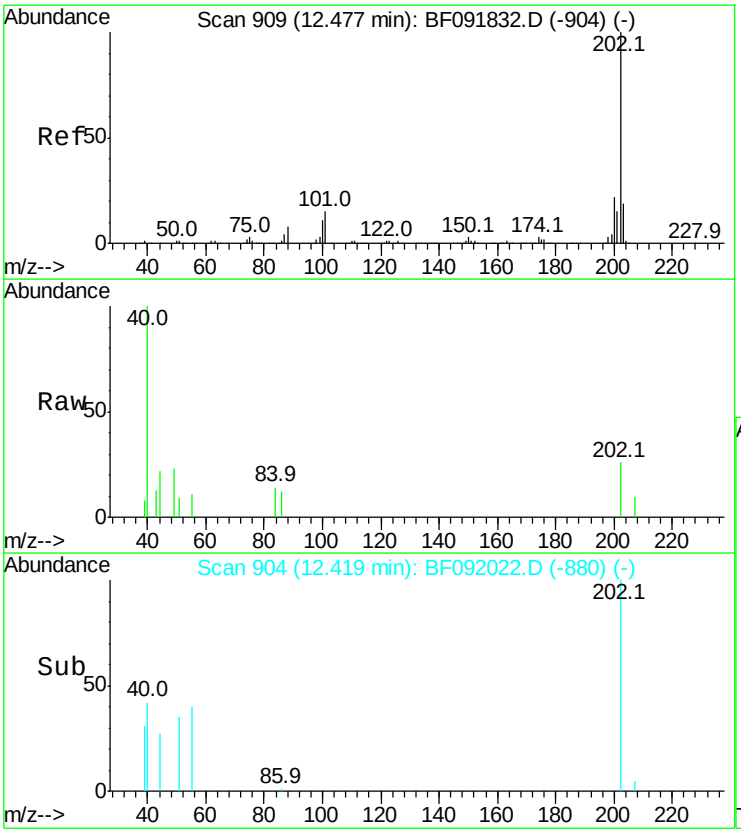
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.78 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:149 Resp: 4884

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	0.0	4.6	7.0#

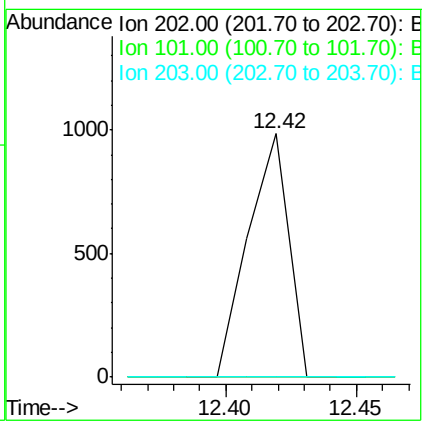


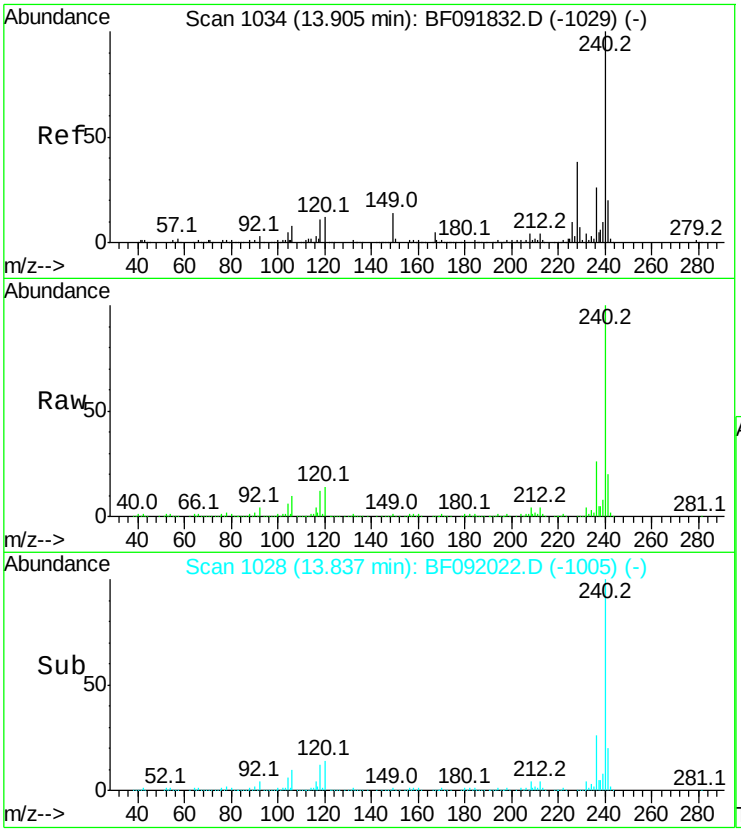


#74
Fluoranthene
Concen: Below Cal
RT: 12.42 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:202 Resp: 1061

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



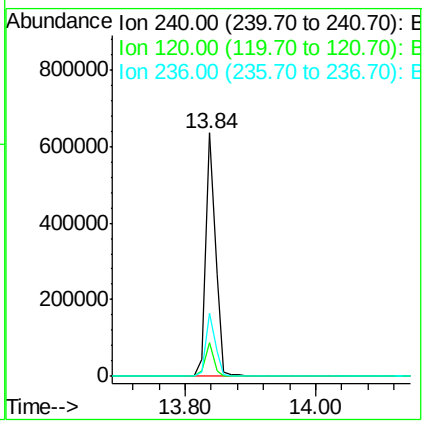


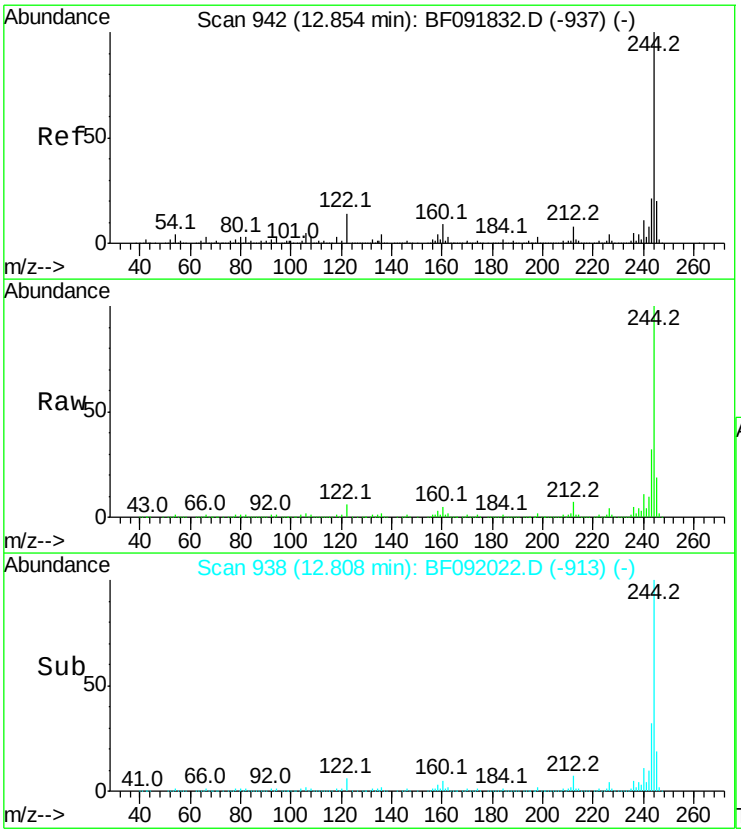
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:240 Resp: 668981

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.9	20.9	31.3

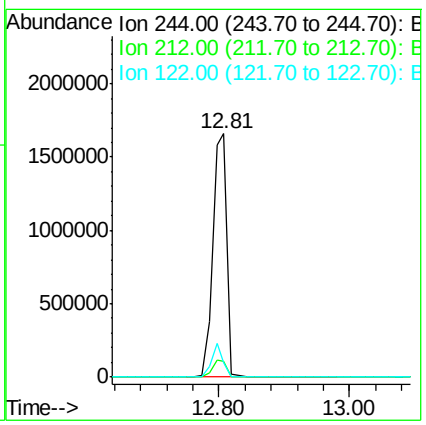


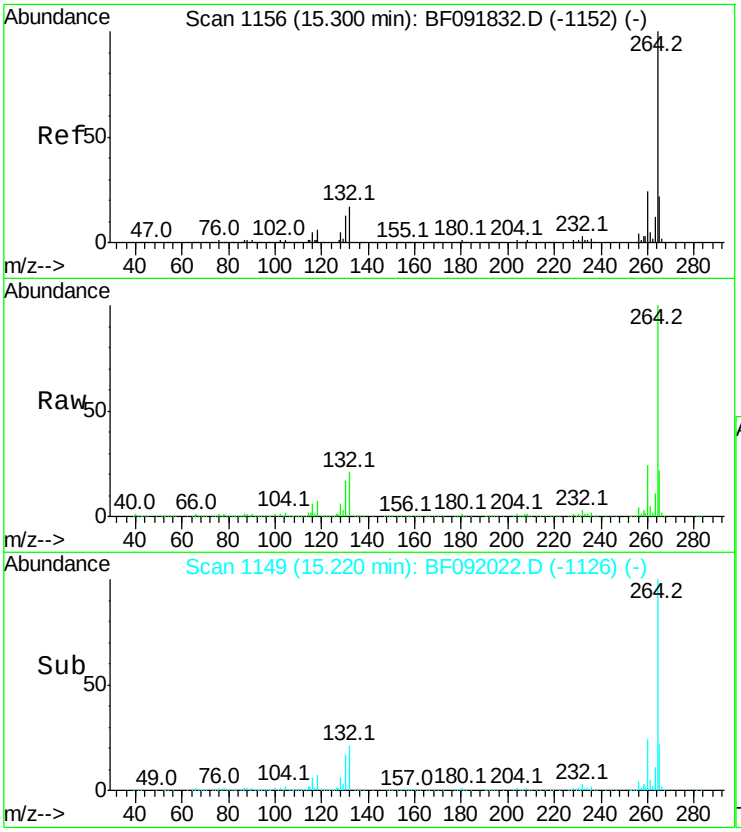


#78
Terphenyl-d14
Concen: 91.72 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:244 Resp: 2529900

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	5.9	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:264 Resp: 586962

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0