Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099790.D
Acq On : 24 Oct 2017 16:11
Operator : SJ/JU
Sample : I6044-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 18:10:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	92129	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	384125	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	179128	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	306645	20.00	ng		0.00
75) Chrysene-d12	13.98	240	177726	20.00	ng		0.00
86) Perylene-d12	15.44	264	161047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	529123	90.17	ng		0.00
7) Phenol-d6	6.45	99	642586	92.35	ng		0.00
23) Nitrobenzene-d5	7.37	82	378494	63.44	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	146386	89.67	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	776987	66.92	ng		0.00
78) Terphenyl-d14	12.92	244	616115	75.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	9891	2.379	ng		84
10) Phenol	6.46	94	34744	4.548	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	47744	11.709	ng	#	71
25) Isophorone	7.37	82	378491	34.959	ng	#	64
49) Dimethylphthalate	9.56	163	51384	3.622	ng		99
50) 2,6-Dinitrotoluene	9.84	165	23730	7.957	ng	#	25
62) Azobenzene	10.56	77	80781	6.956	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	9758	3.023	ng	#	1

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

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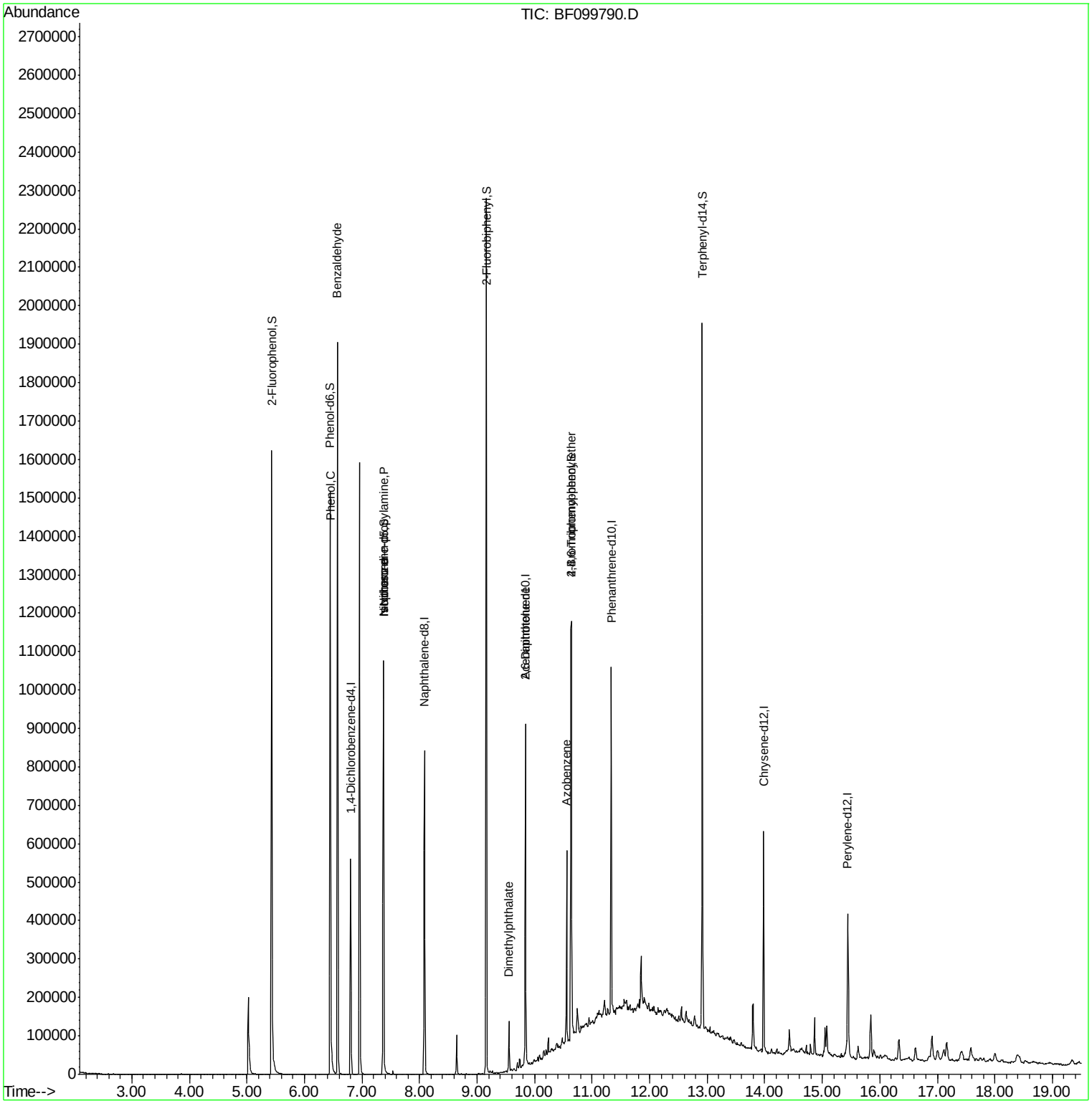
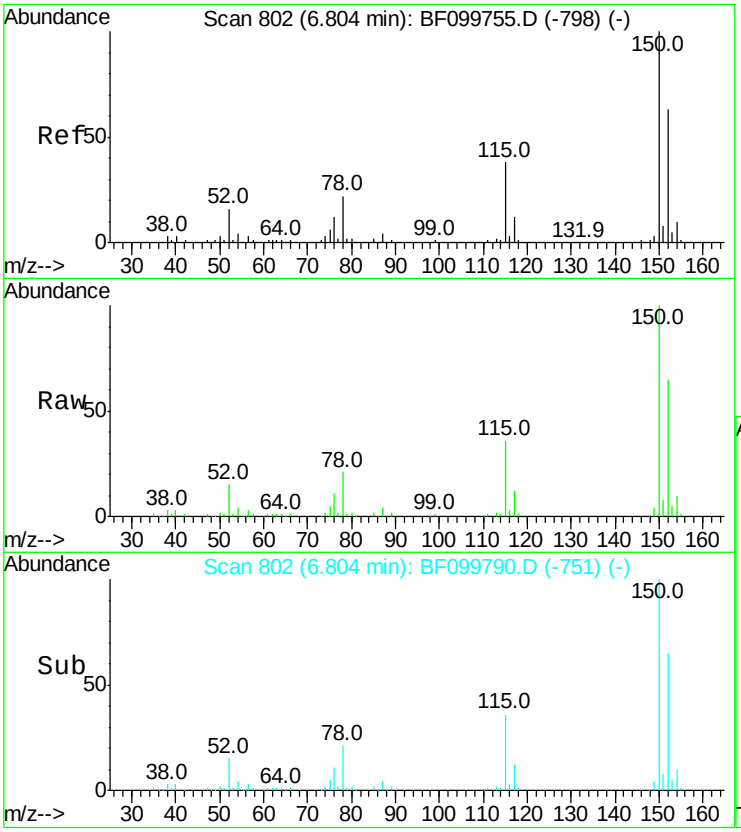


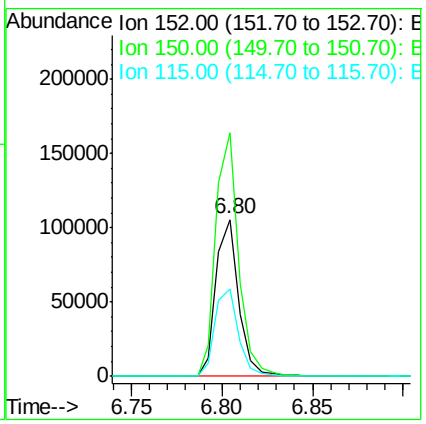


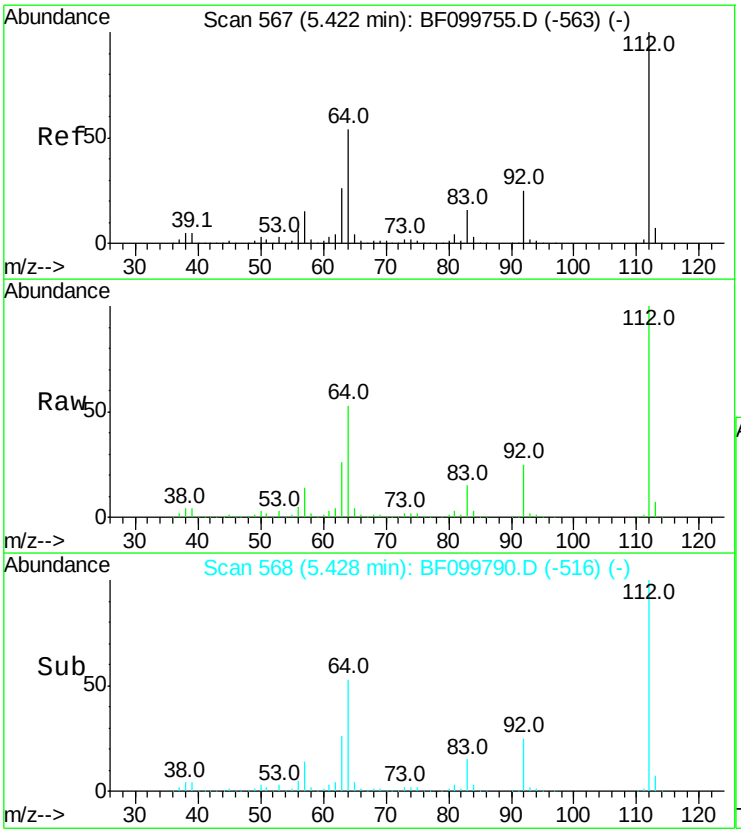
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92129

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	55.6	50.1	75.1

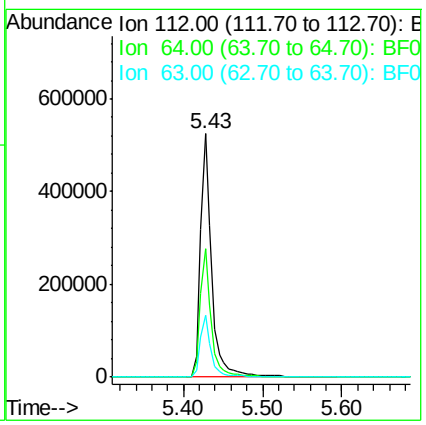


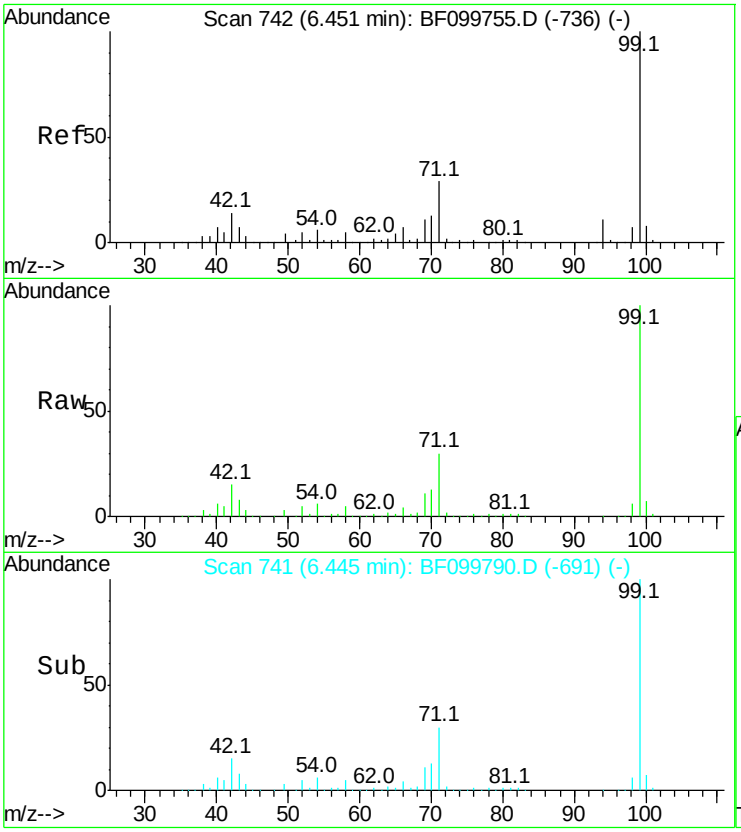


#5
2-Fluorophenol
Concen: 90.168 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:112 Resp: 529123

Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	25.6	23.7	35.5



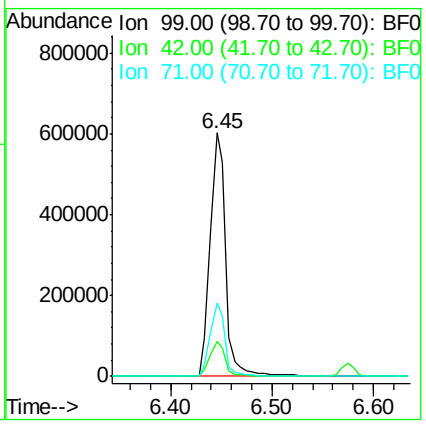


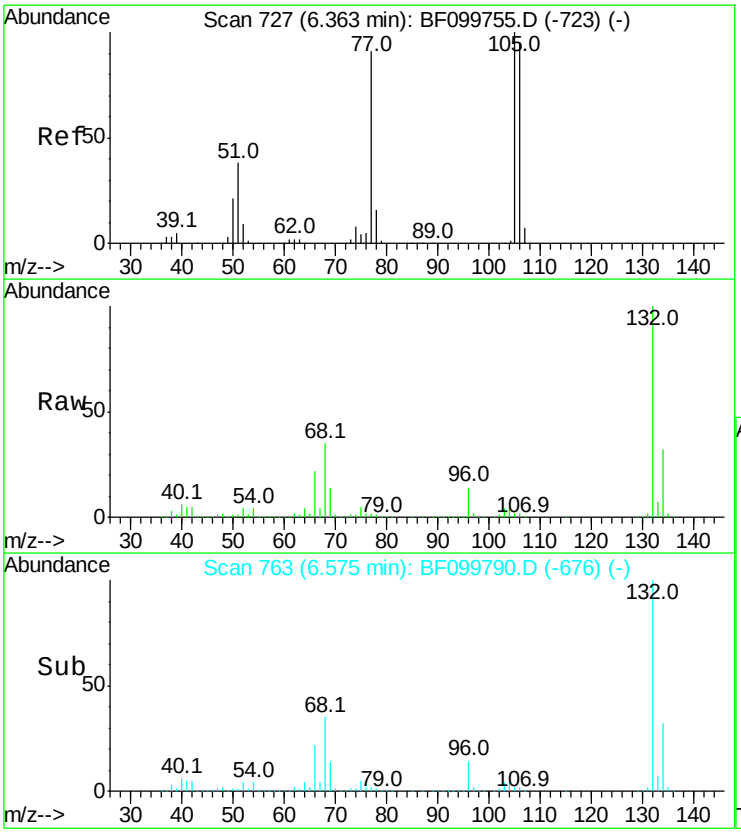
#7
Phenol-d6
Concen: 92.351 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 642586

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	29.9	25.4	38.0

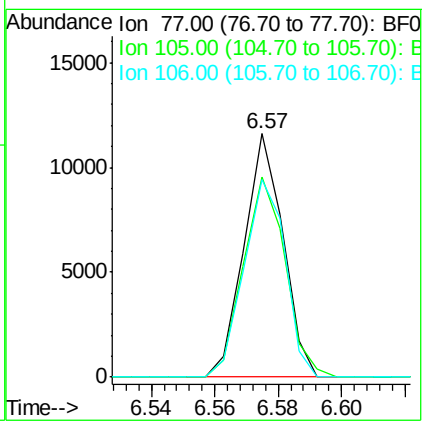


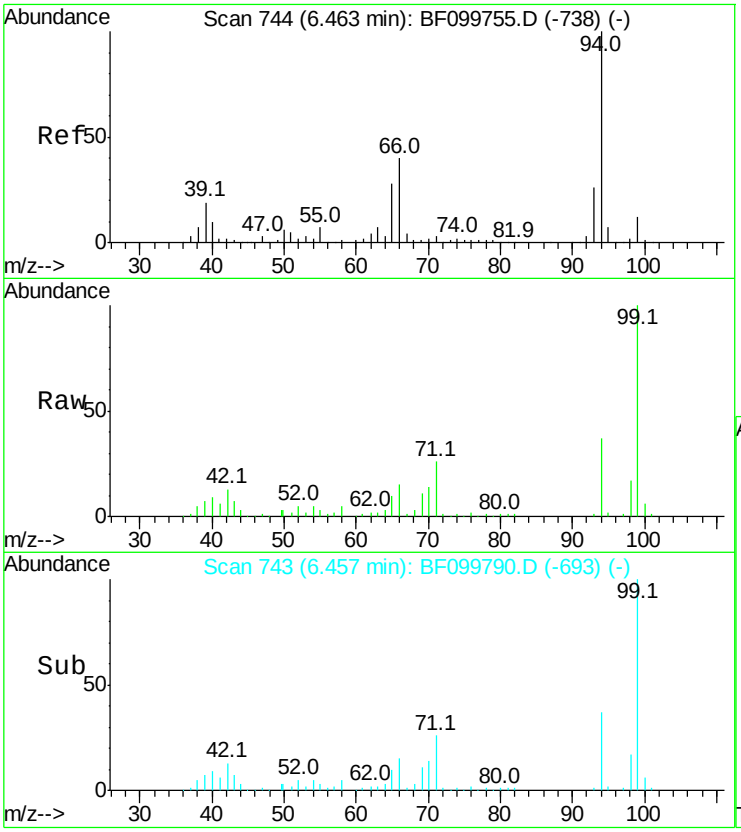


#9
Benzaldehyde
Concen: 2.379 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.21 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion: 77 Resp: 9891

Ion	Ratio	Lower	Upper
77	100		
105	82.3	81.1	121.1
106	81.2	74.5	114.5



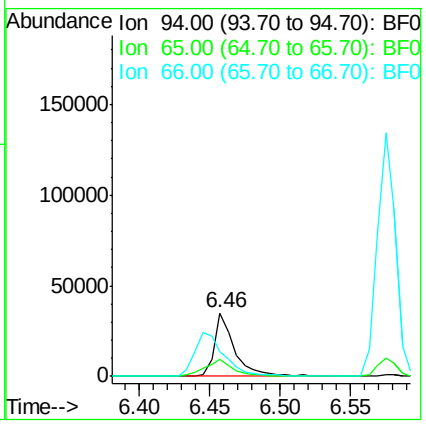


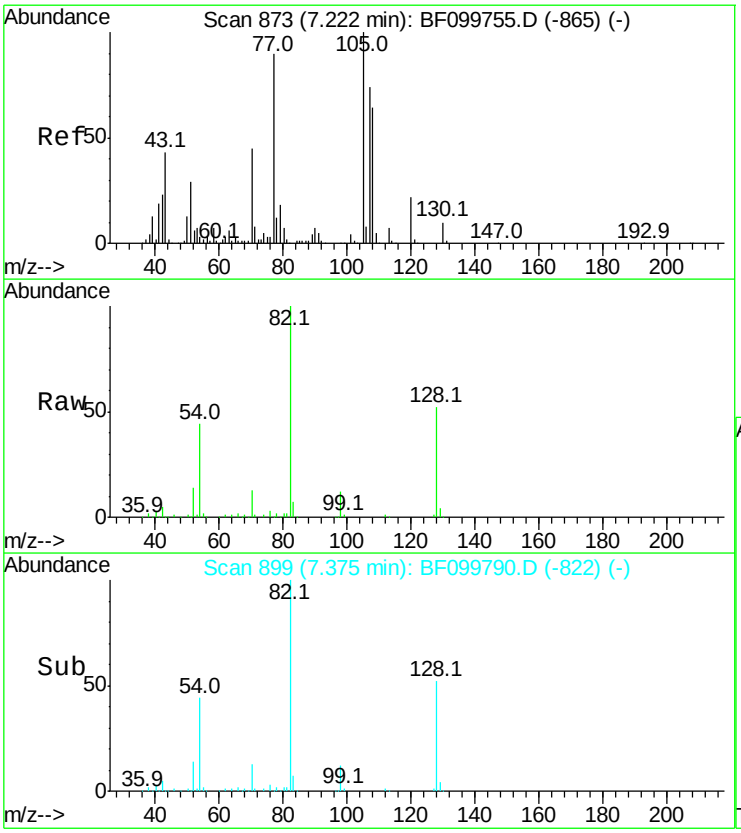
#10
Phenol
Concen: 4.548 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 34744

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	39.7	16.2	56.2

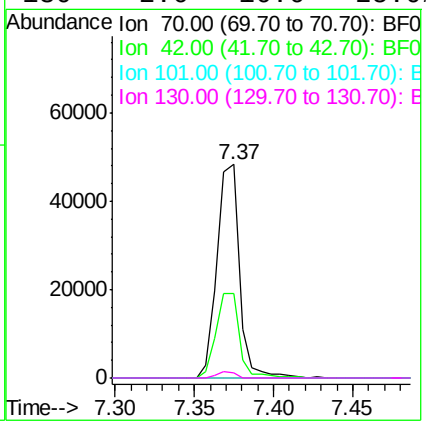


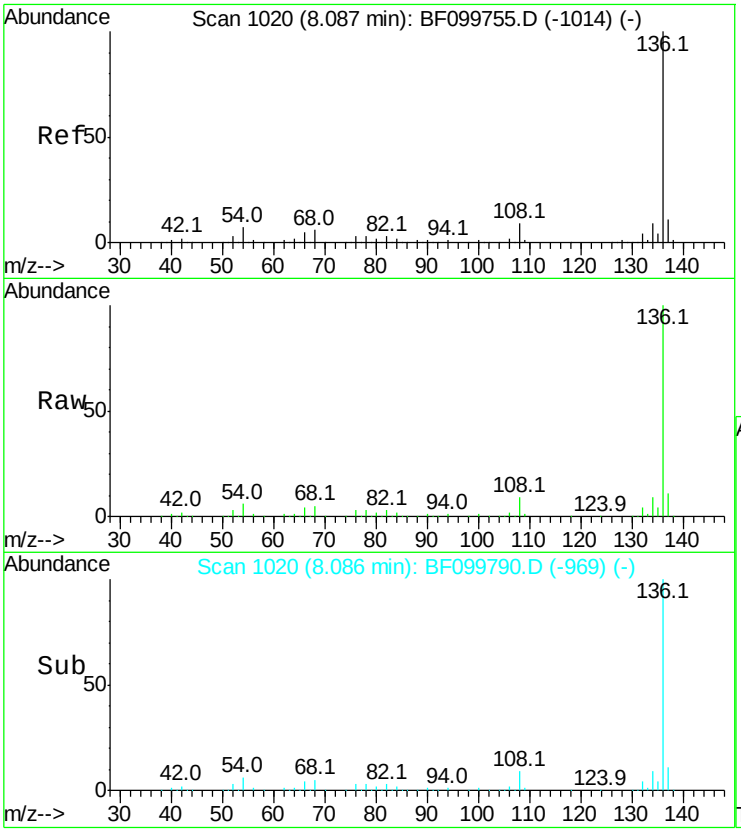


#19
n-Nitroso-di-n-propylamine
Concen: 11.709 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion: 70 Resp: 47744

Ion	Ratio	Lower	Upper
70	100		
42	39.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



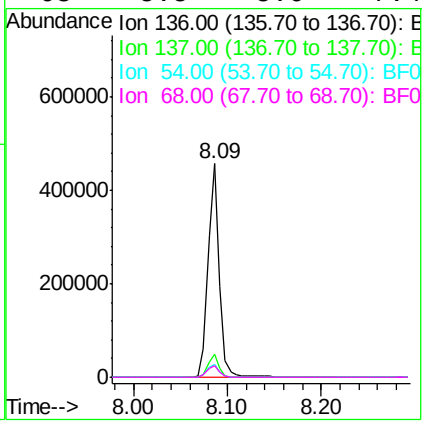


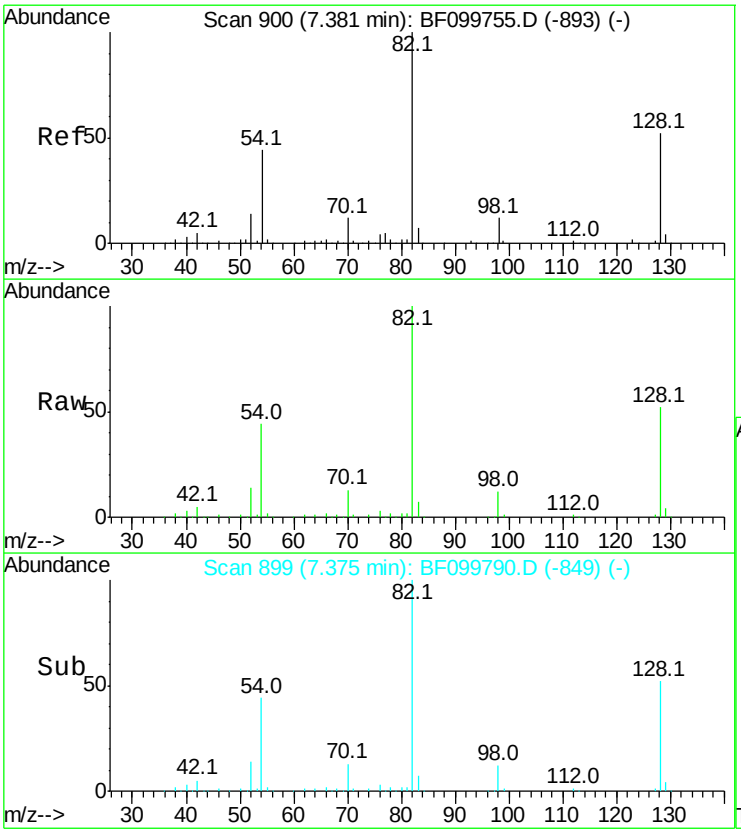
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 384125

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.5	5.0	7.4

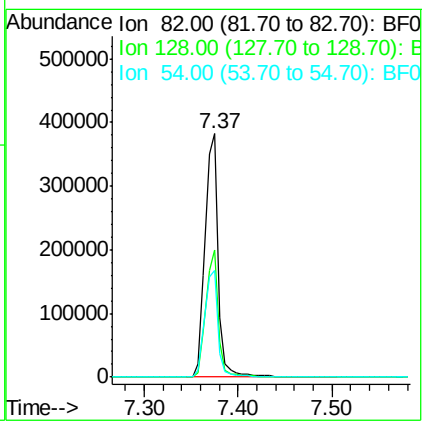


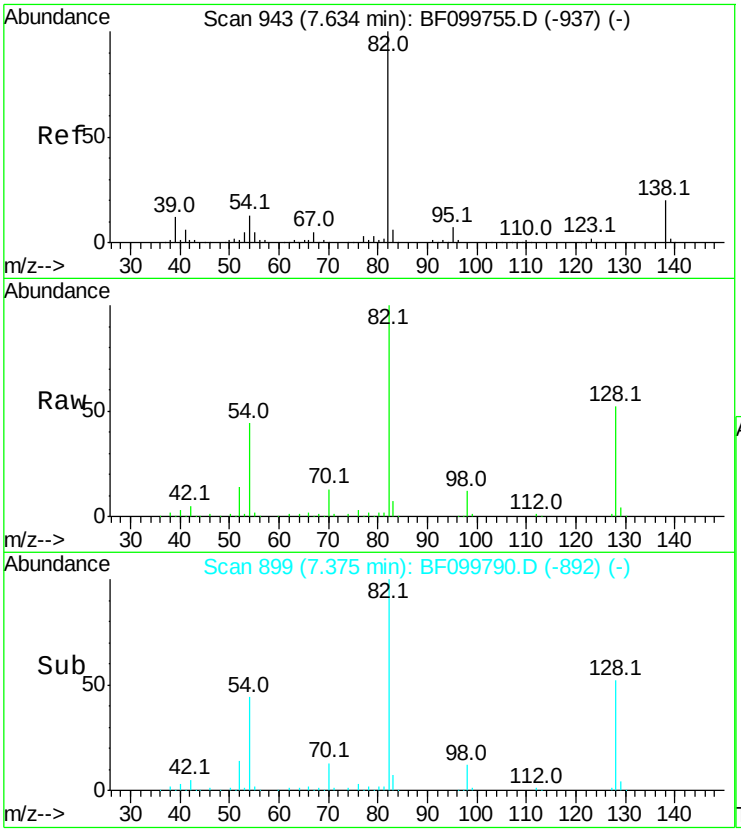


#23
Nitrobenzene-d5
Concen: 63.437 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion: 82 Resp: 378494

Ion	Ratio	Lower	Upper
82	100		
128	52.2	36.1	54.1
54	43.6	41.4	62.2



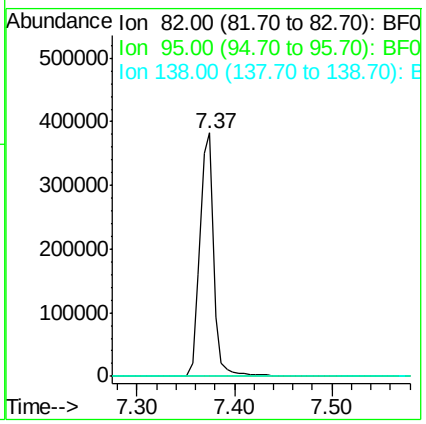


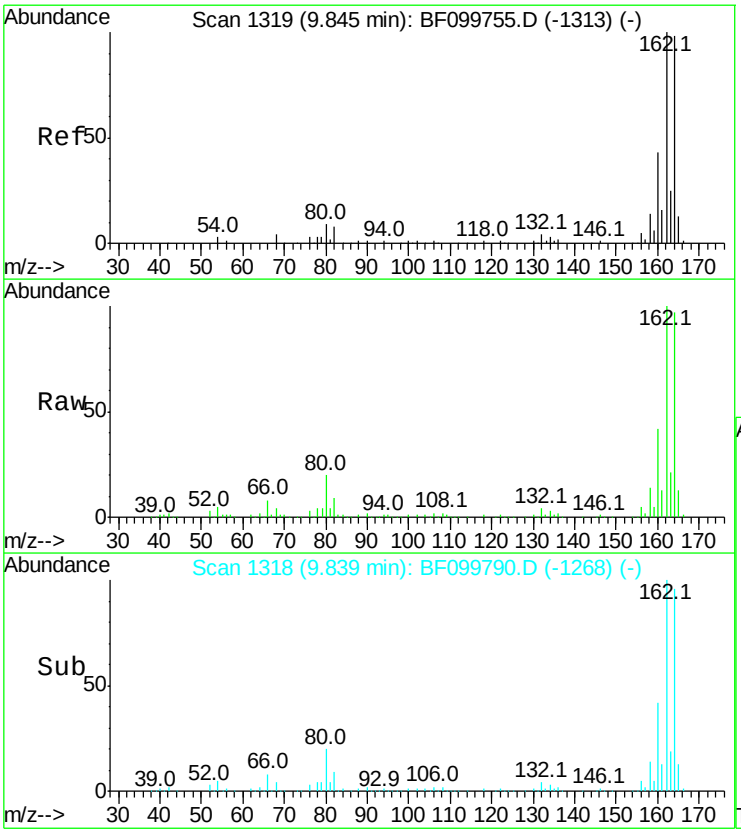
#25
Isophorone
Concen: 34.959 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 378491

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

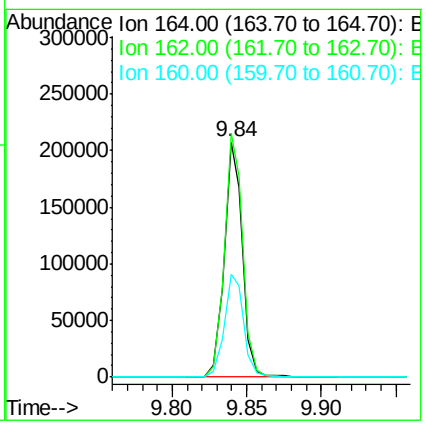


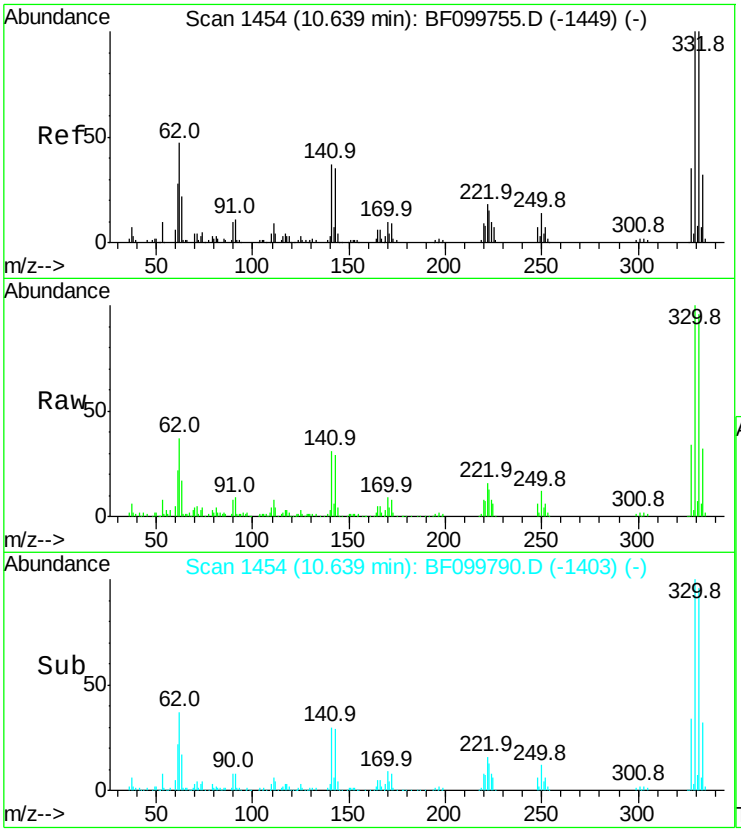


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:164 Resp: 179128

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	43.6	38.3	57.5



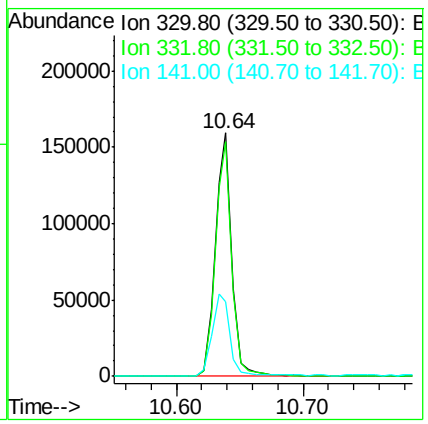


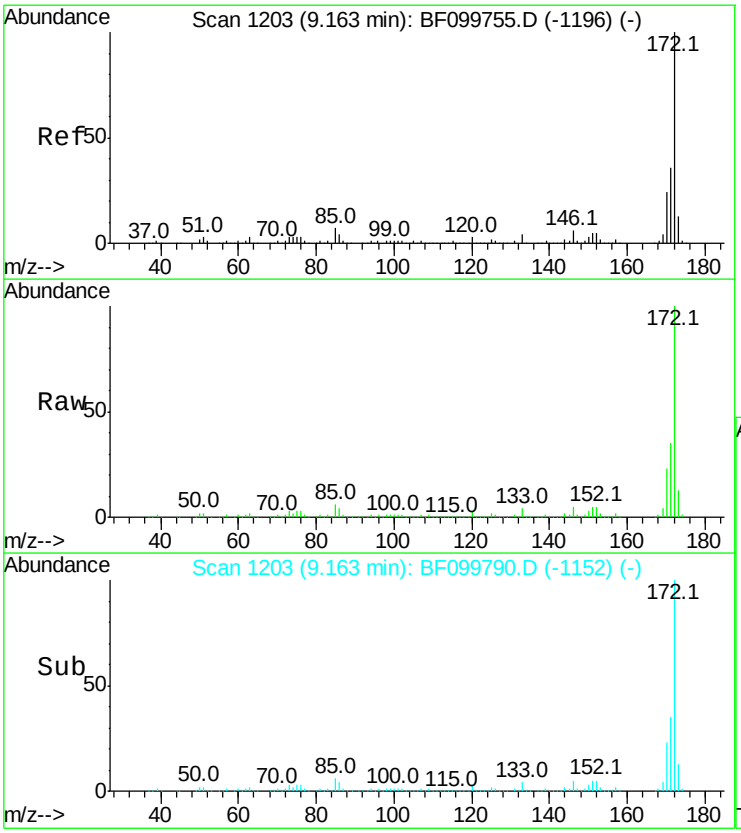
#41
2,4,6-Tribromophenol
Concen: 89.674 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146386

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.4	29.9	44.9

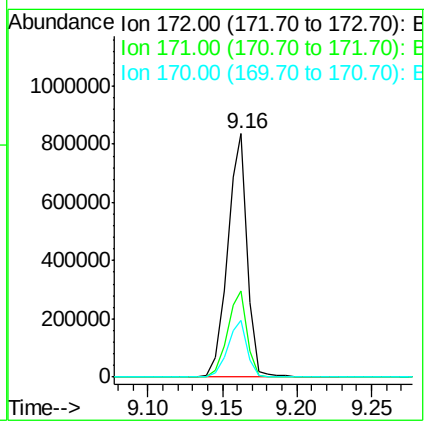


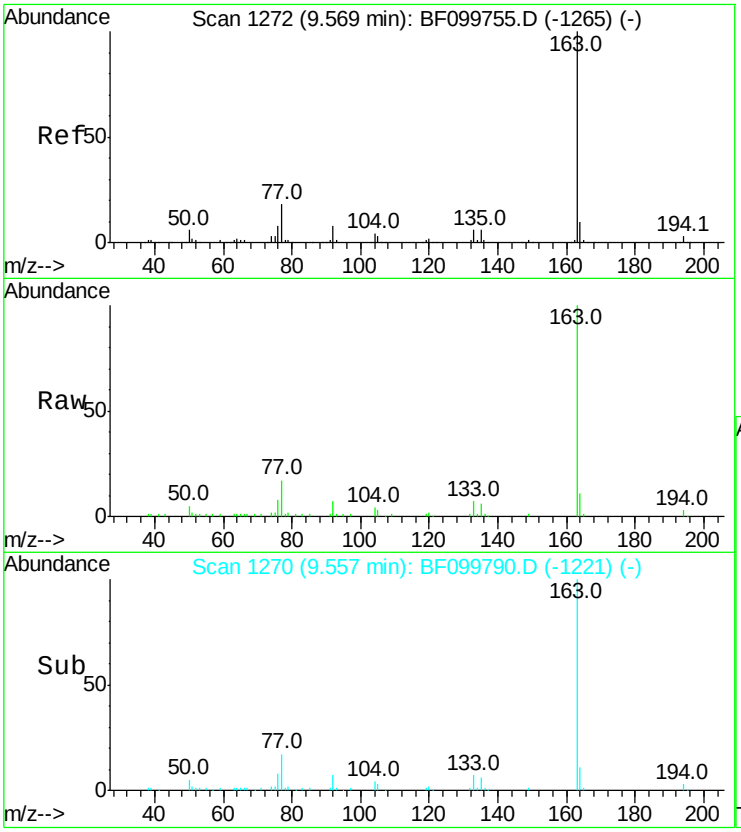


#44
2-Fluorobiphenyl
Concen: 66.922 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:172 Resp: 776987

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4



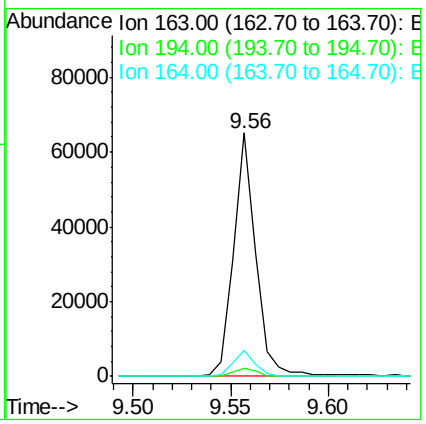


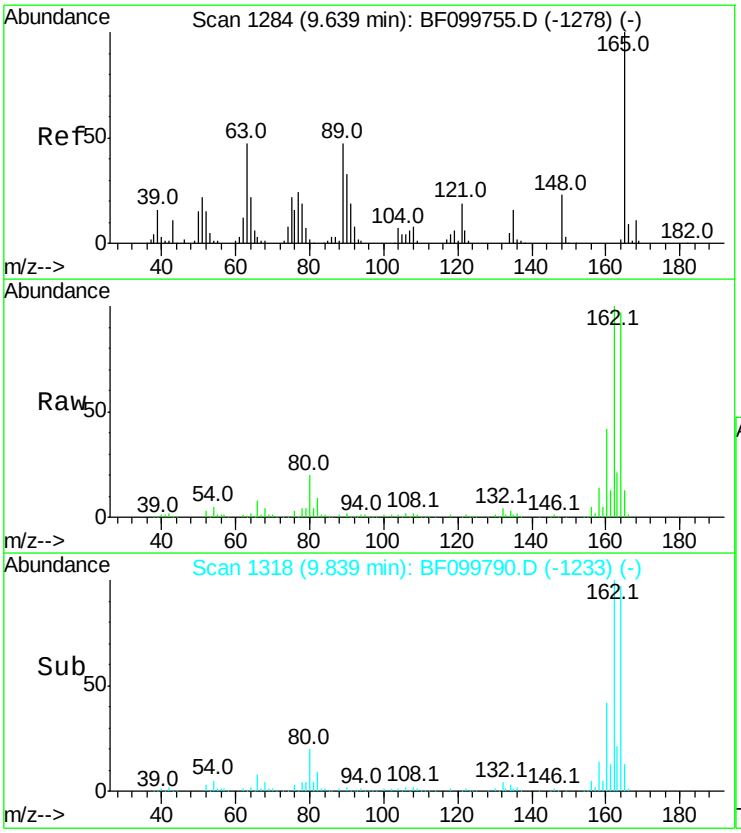
#49
Dimethylphthalate
Concen: 3.622 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 51384

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2

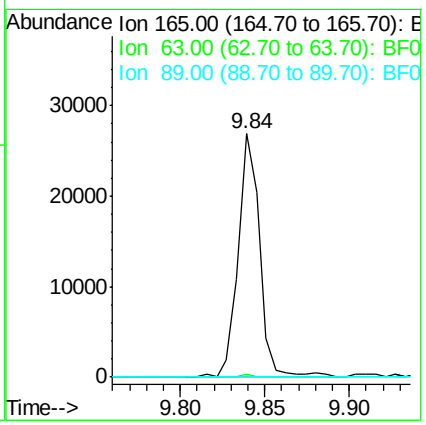


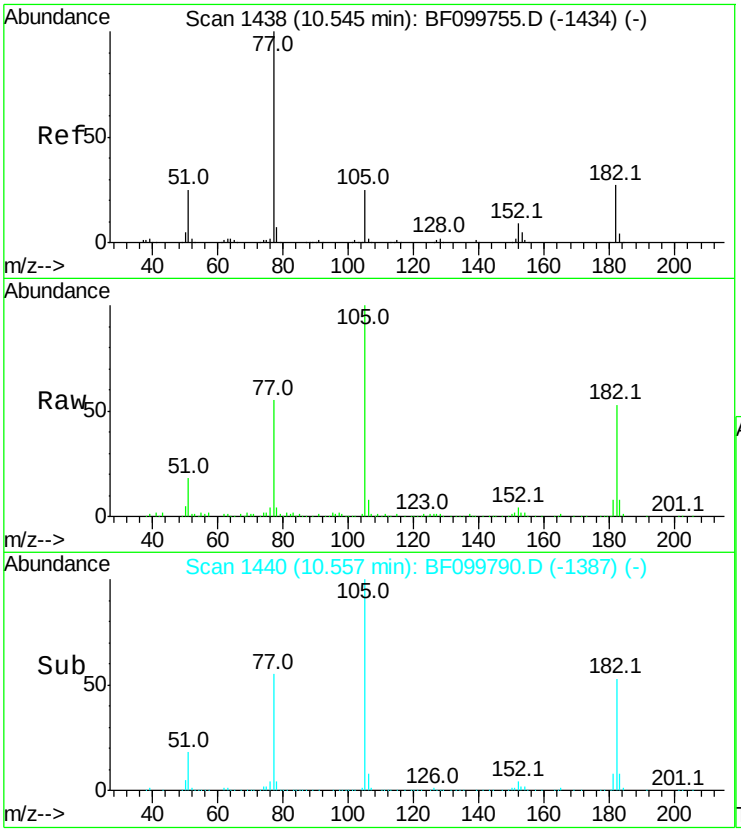


#50
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:165 Resp: 23730

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



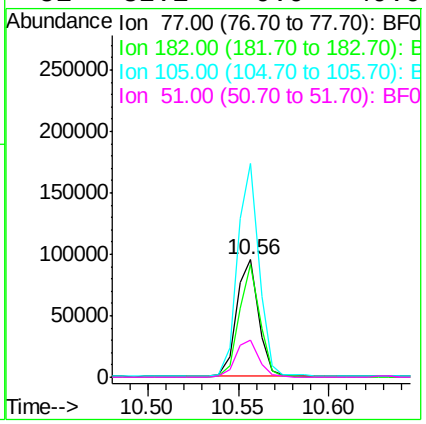


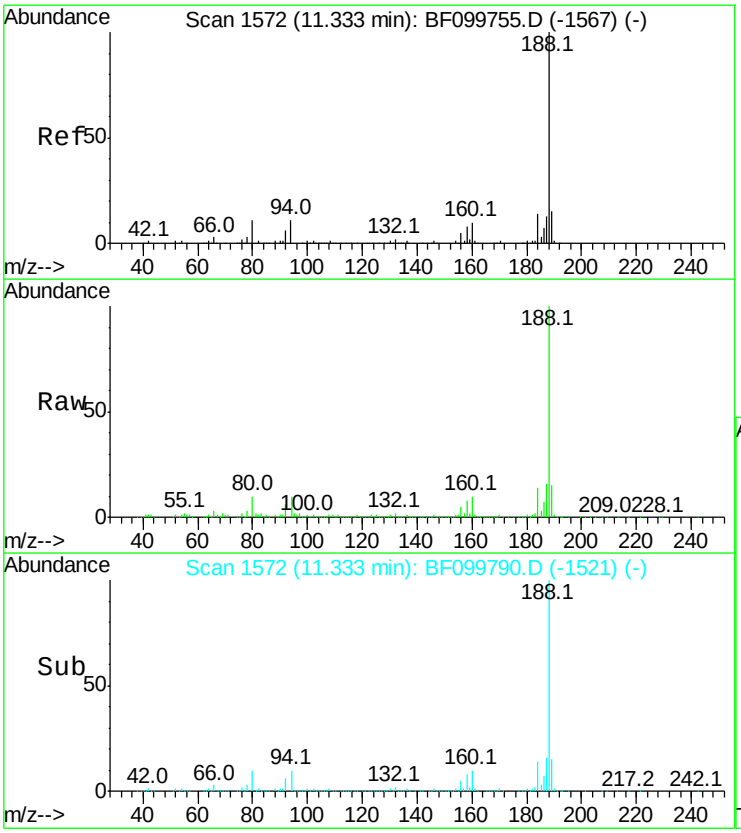
#62
Azobenzene
Concen: 6.956 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 80781

Ion	Ratio	Lower	Upper
77	100		
182	96.2	1.7	41.7#
105	181.8	3.0	43.0#
51	32.1	9.9	49.9

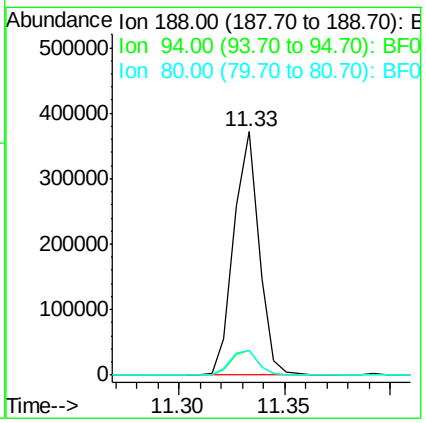


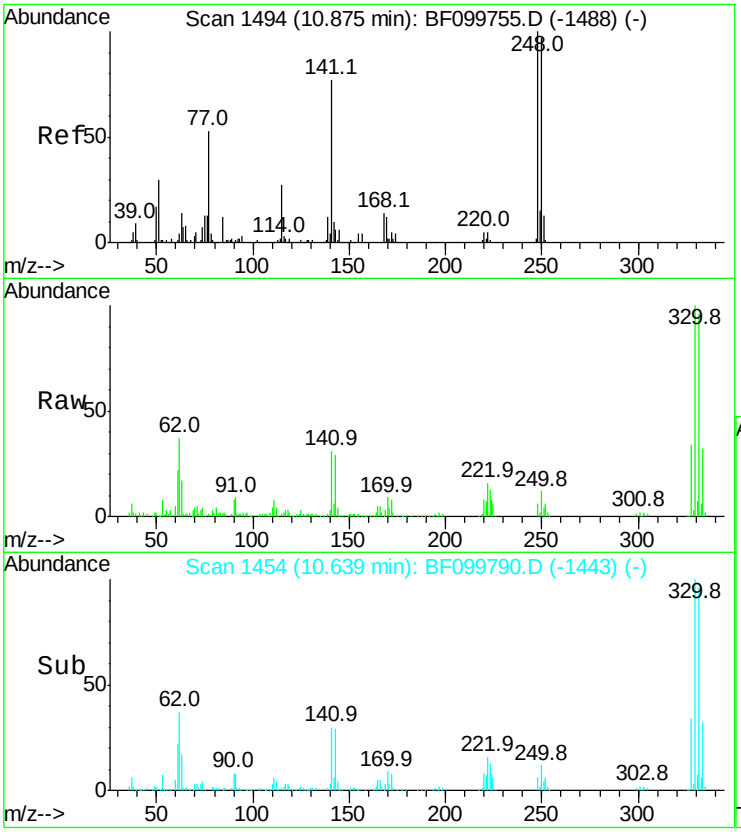


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:188 Resp: 306645

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.1	9.2	13.8



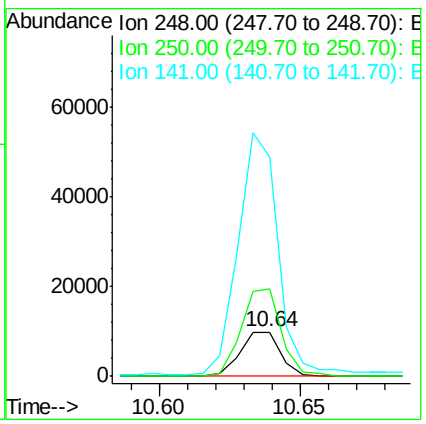


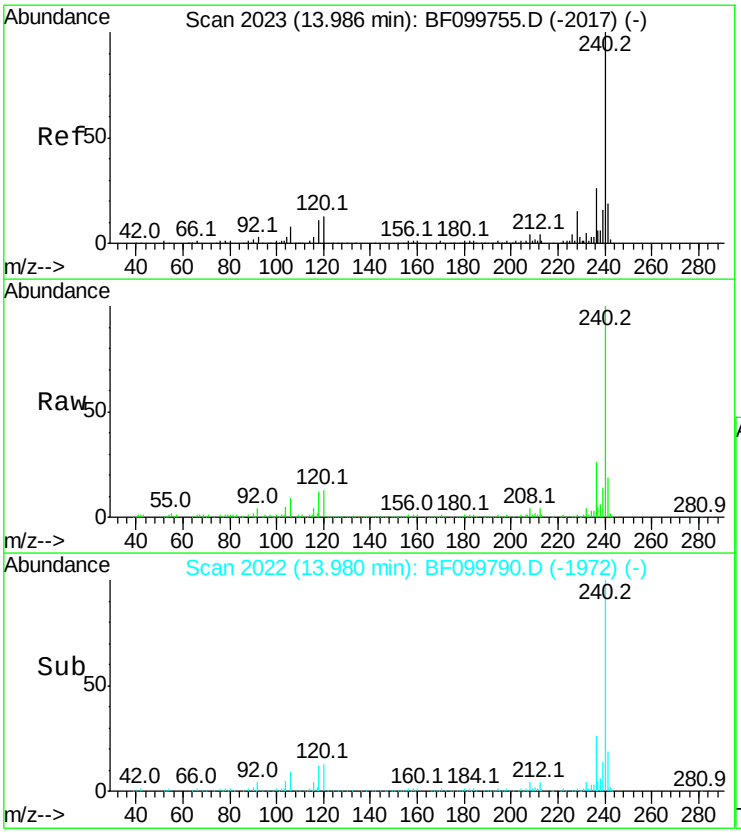
#66
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9758

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	491.2	74.4	111.6#

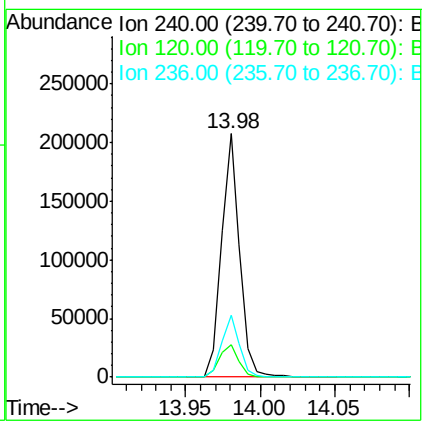


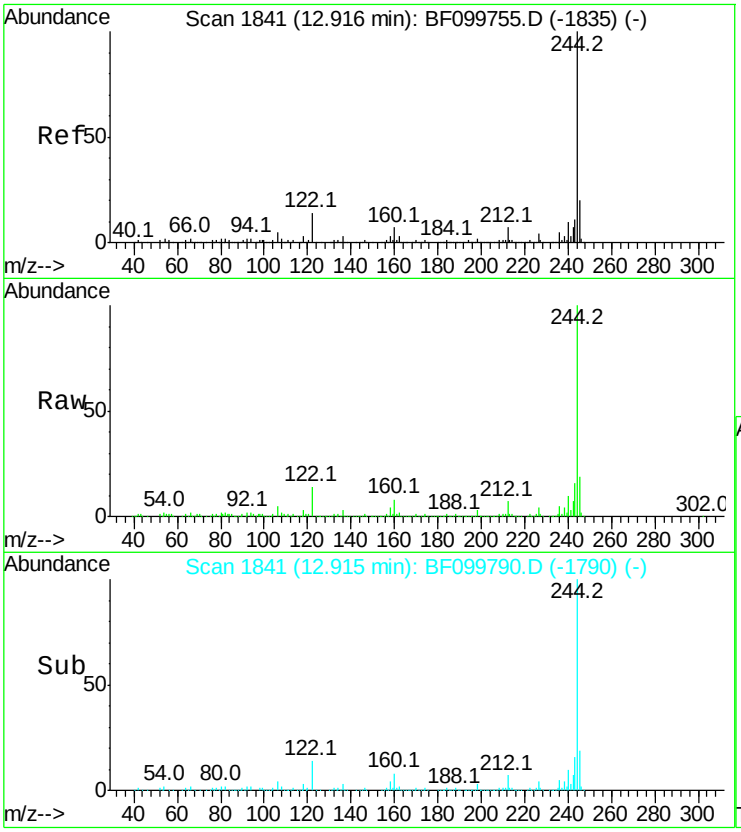


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:240 Resp: 177726

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.5	20.7	31.1



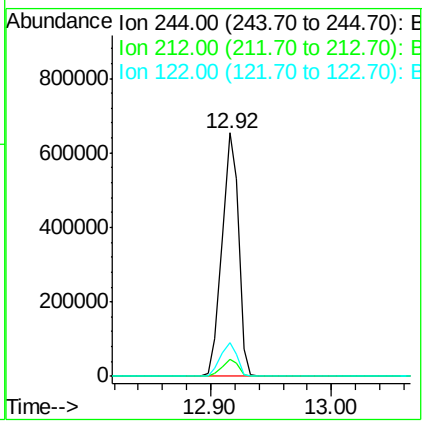


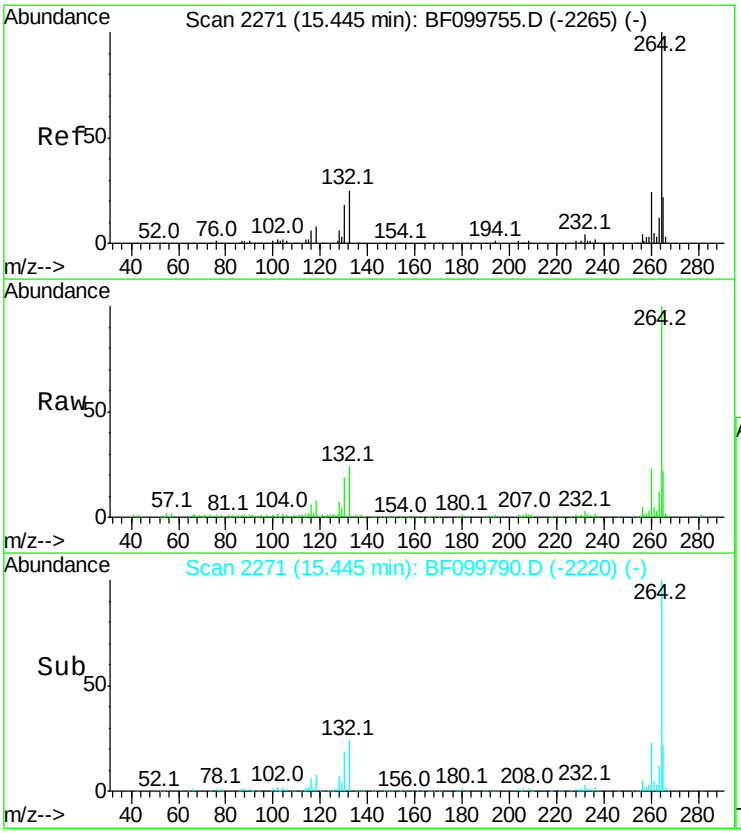
#78
Terphenyl-d14
Concen: 75.759 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 616115

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:264 Resp: 161047

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3