Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097268.D
Acq On : 2 Aug 2017 11:37
Operator : SJ/JU
Sample : I4527-07 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N8-NSW

Quant Time: Aug 02 13:29:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	116720	20.00	ng		0.00
21) Naphthalene-d8	7.75	136	428102	20.00	ng		0.00
38) Acenaphthene-d10	9.49	164	151297	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	226164	20.00	ng		0.00
75) Chrysene-d12	13.59	240	226927	20.00	ng		0.00
86) Perylene-d12	14.94	264	150175	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	386860	49.96	ng		0.00
7) Phenol-d6	6.13	99	461721	52.24	ng		-0.02
23) Nitrobenzene-d5	7.03	82	214883	29.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.28	330	51895	43.41	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	379161	42.53	ng		-0.01
78) Terphenyl-d14	12.54	244	251610	22.61	ng		0.00
Target Compounds							Qvalue
11) bis(2-Chloroethyl)ether	6.20	93	51026	6.153	ng		92
37) 2-Methylnaphthalene	8.46	142	36055	2.822	ng		100
49) Dimethylphthalate	9.22	163	71216	6.198	ng		99
67) Hexachlorobenzene	10.59	284	18797	7.427	ng	#	81

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

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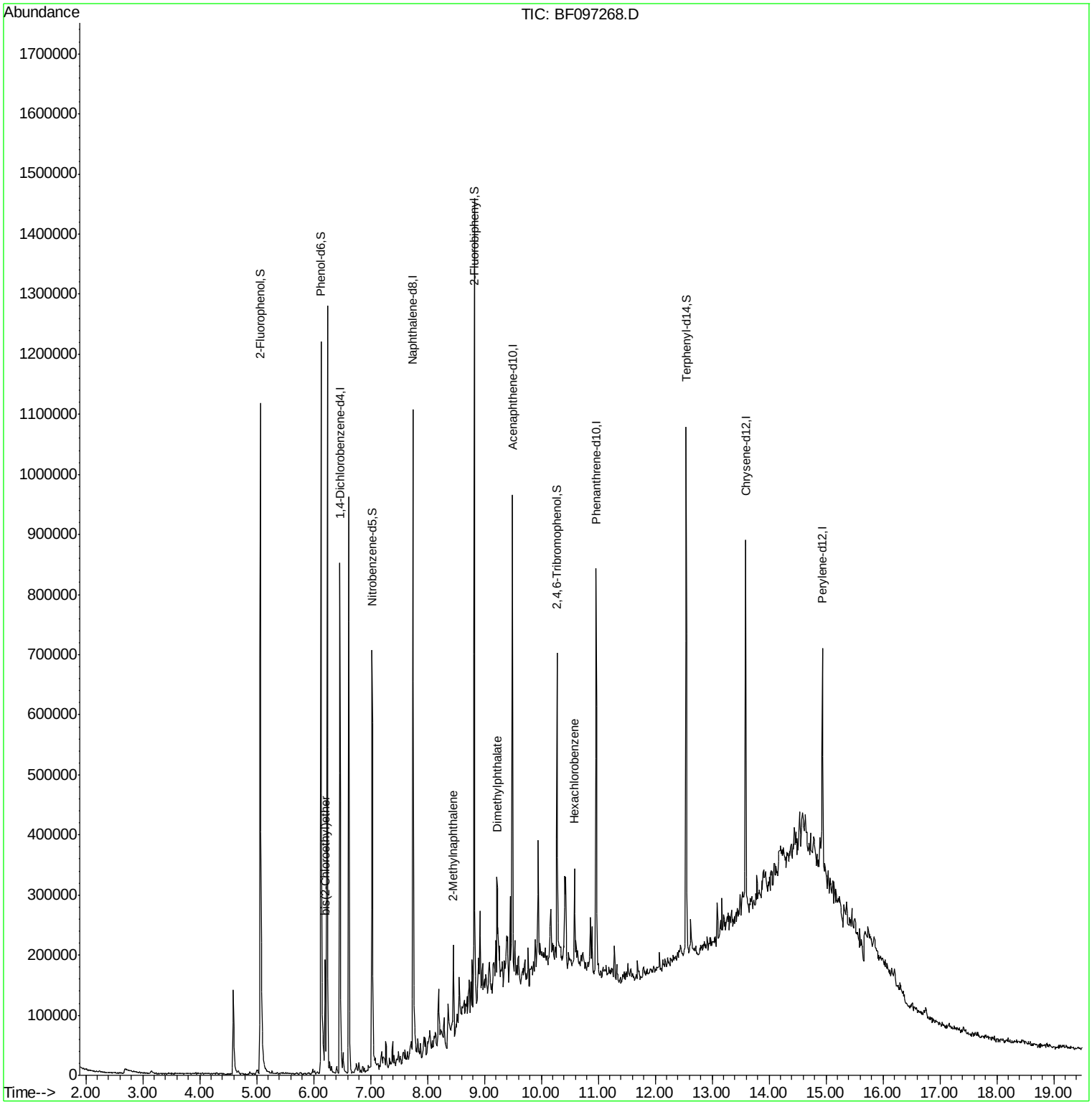
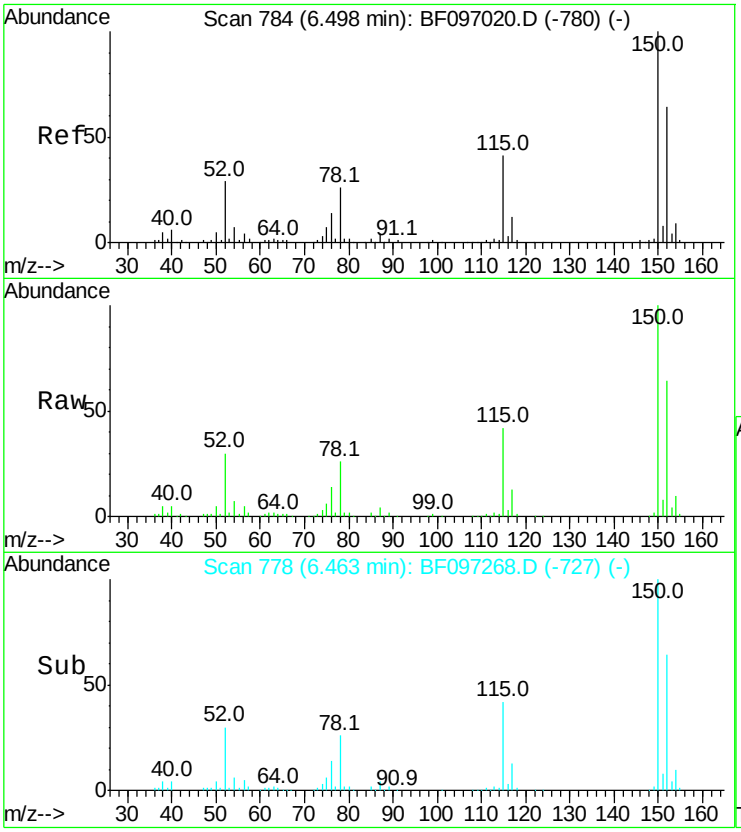


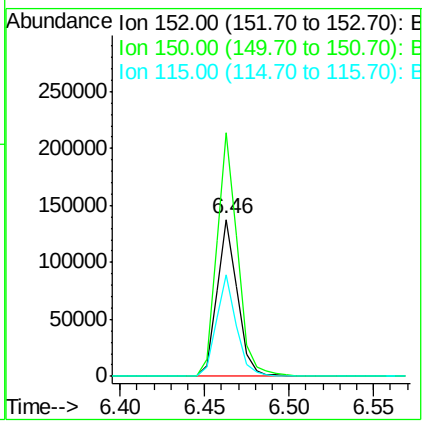


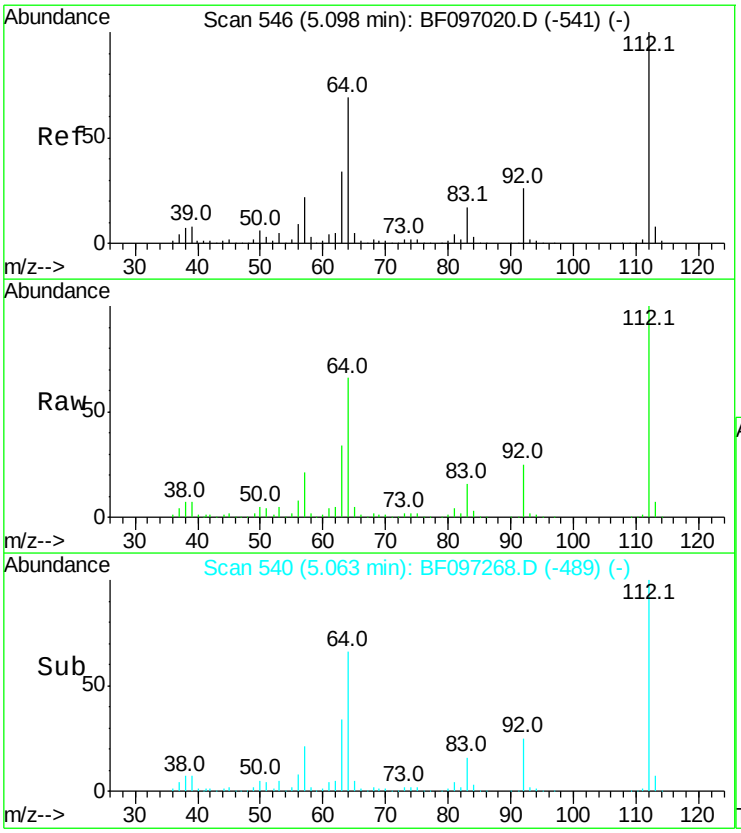
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:152 Resp: 116720

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	64.6	52.2	78.2

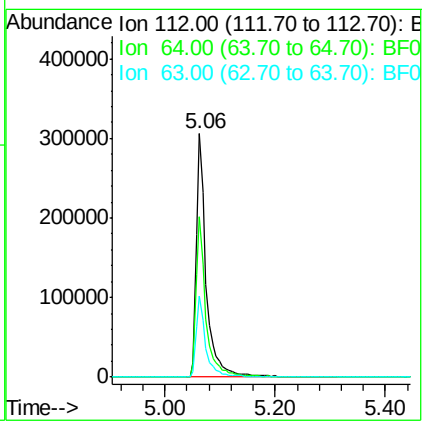


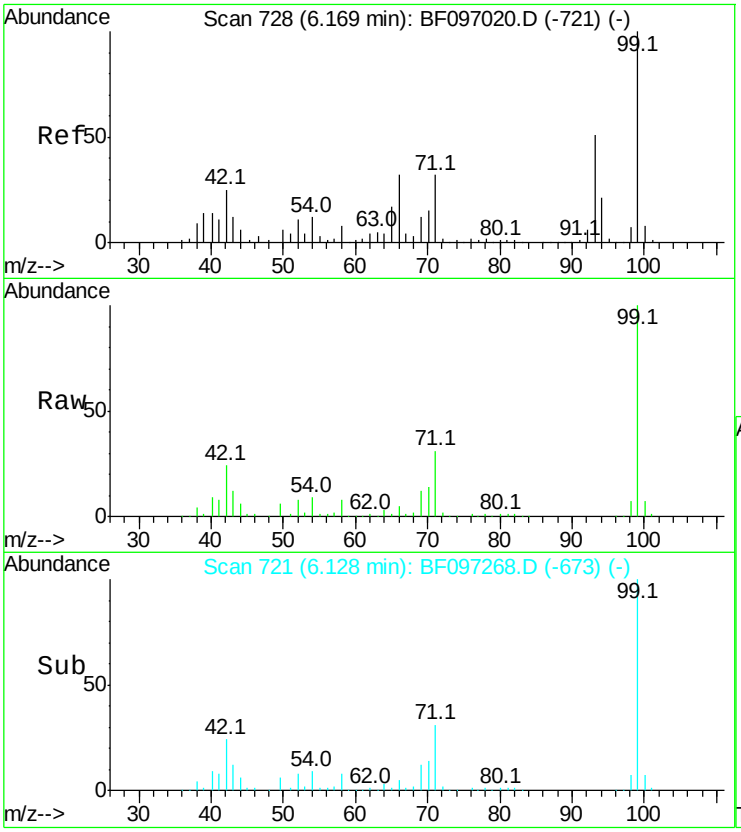


#5
2-Fluorophenol
Concen: 49.965 ng
RT: 5.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:112 Resp: 386860

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.5	23.4	35.0



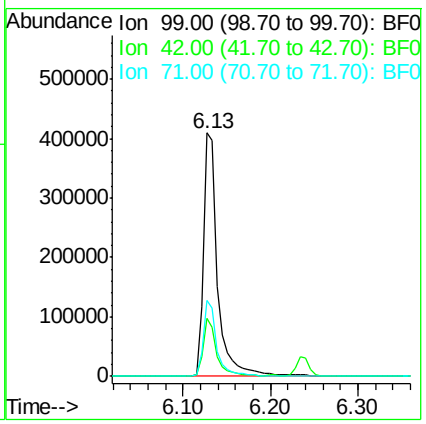


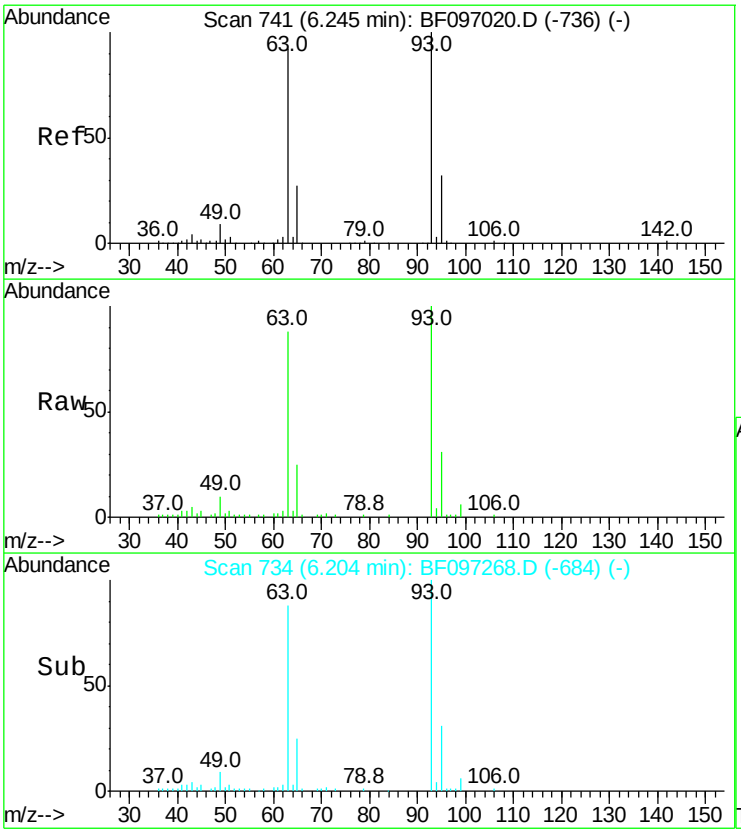
#7
Phenol-d6
Concen: 52.236 ng
RT: 6.13 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion: 99 Resp: 461721

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	31.2	24.5	36.7

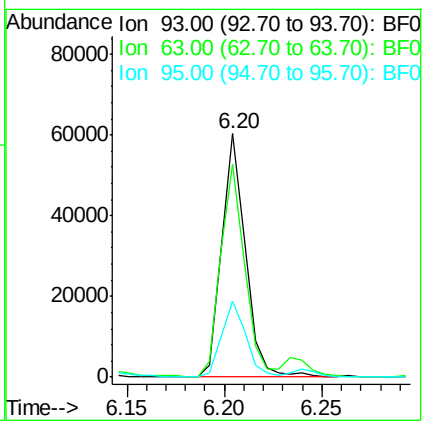


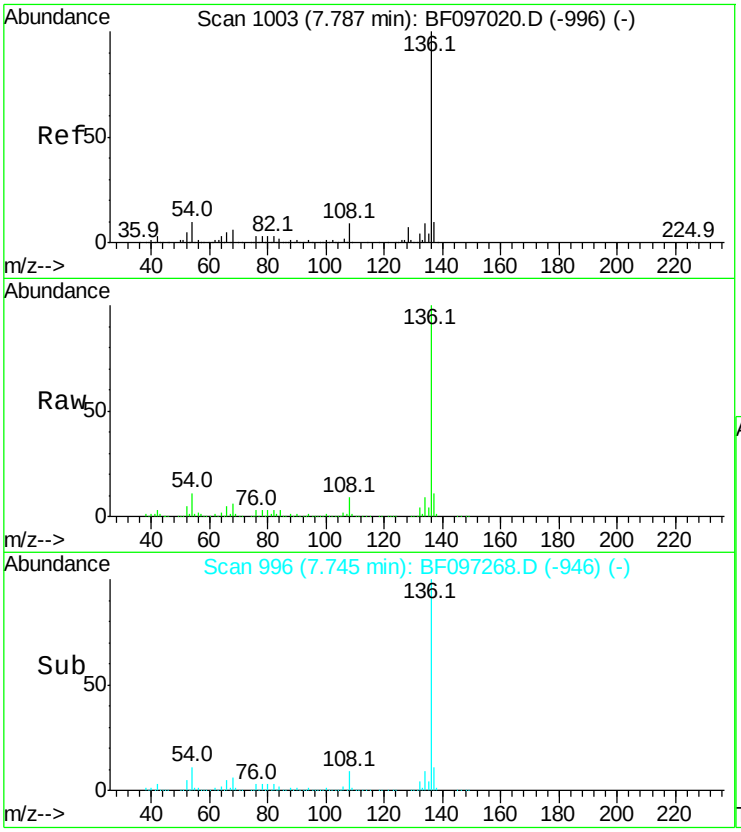


#11
bis(2-Chloroethyl)ether
Concen: 6.153 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion: 93 Resp: 51026

Ion	Ratio	Lower	Upper
93	100		
63	87.5	59.2	99.2
95	31.1	12.8	52.8



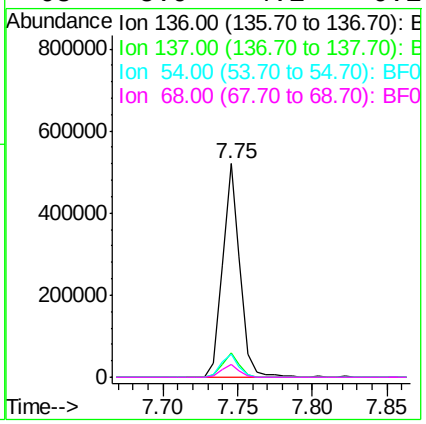


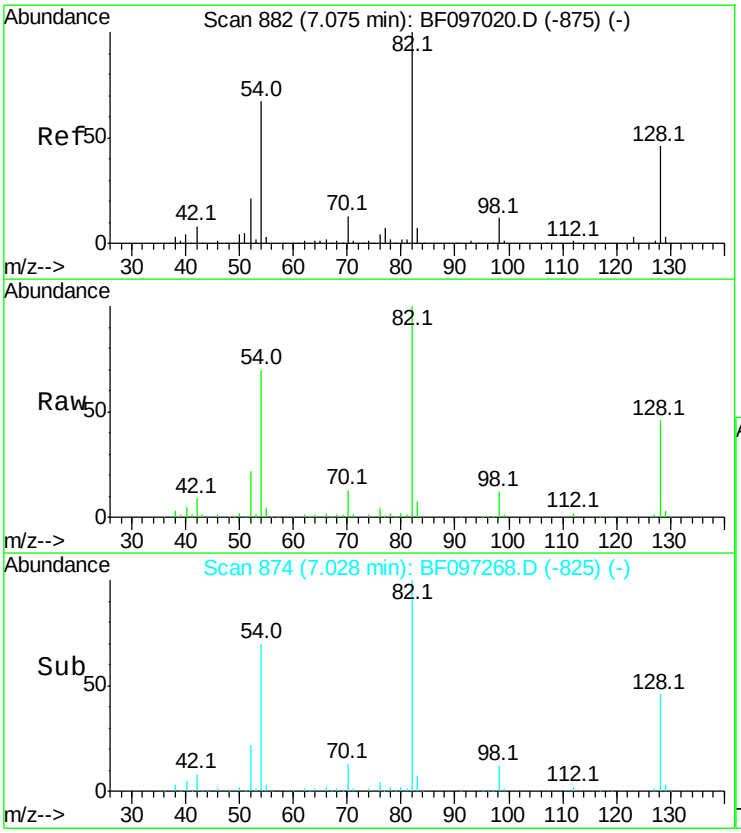
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:136 Resp: 428102

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.9	4.1	6.1

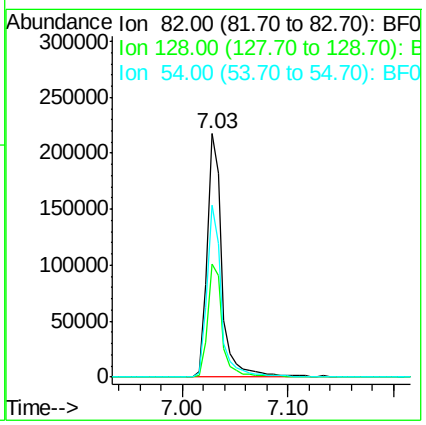


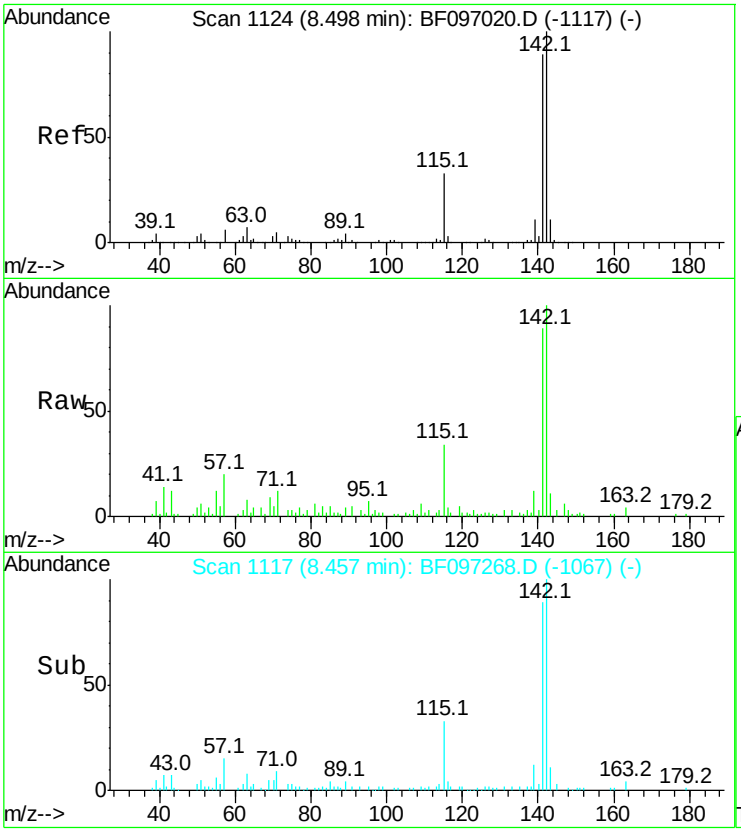


#23
Nitrobenzene-d5
Concen: 29.446 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion: 82 Resp: 214883

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	70.4	42.2	63.2#



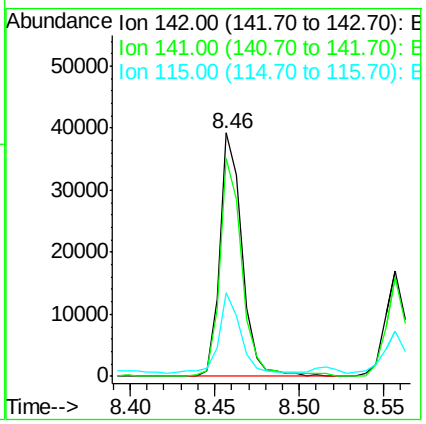


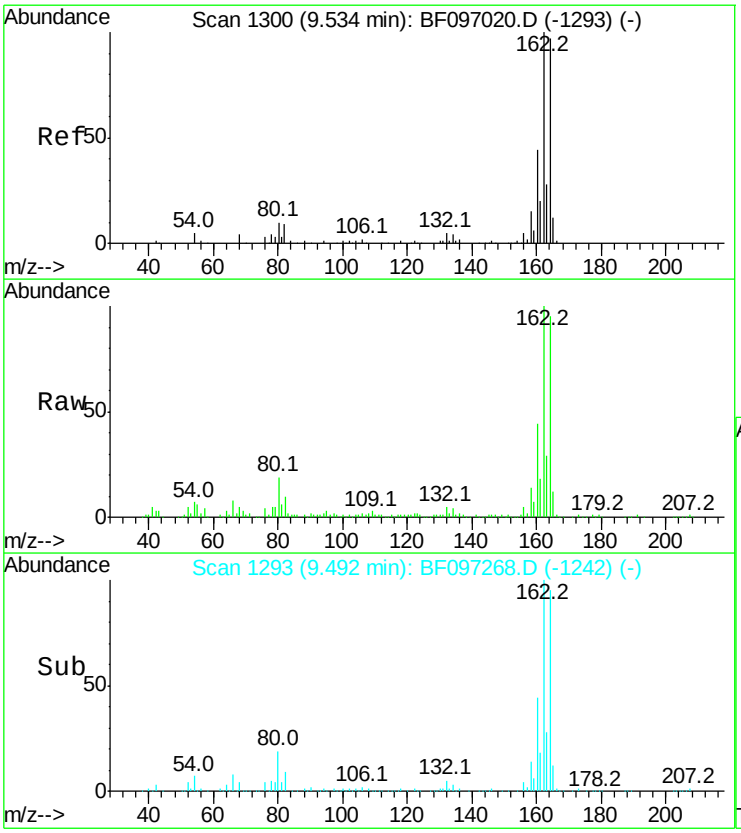
#37
2-Methylnaphthalene
Concen: 2.822 ng
RT: 8.46 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:142 Resp: 36055

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.2	27.1	40.7

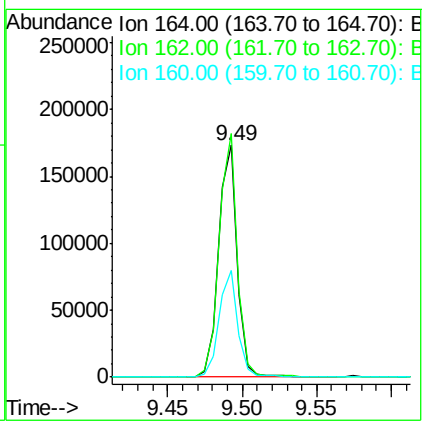


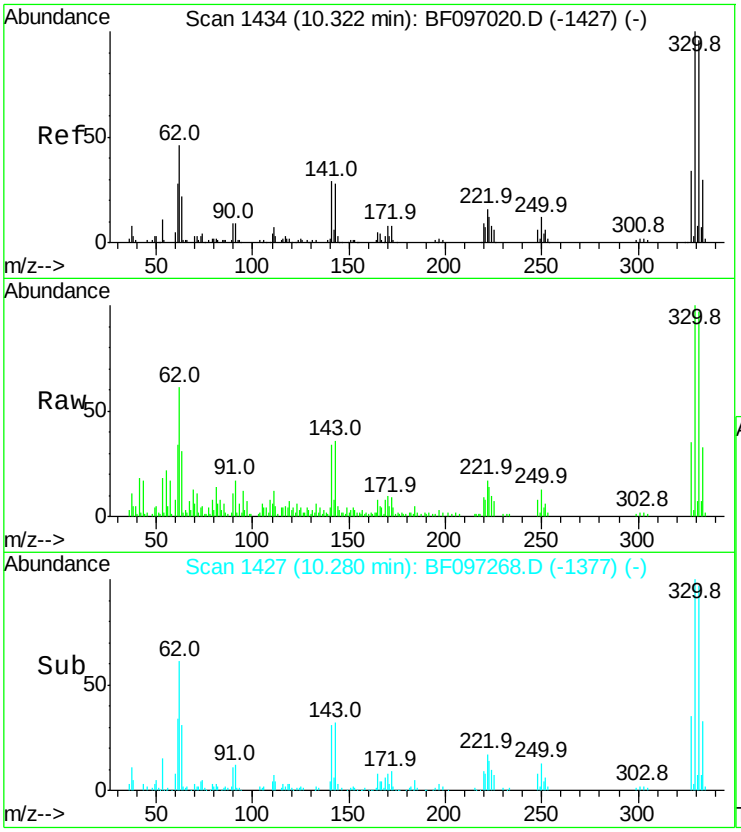


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:164 Resp: 151297

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.2	36.2	54.2



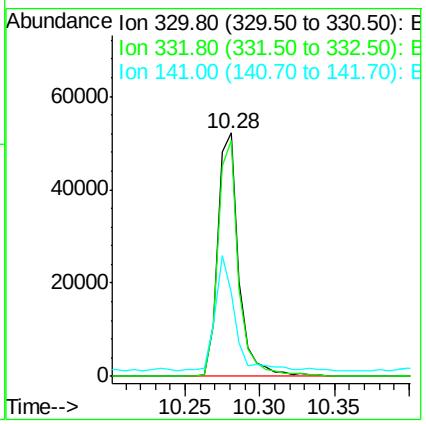


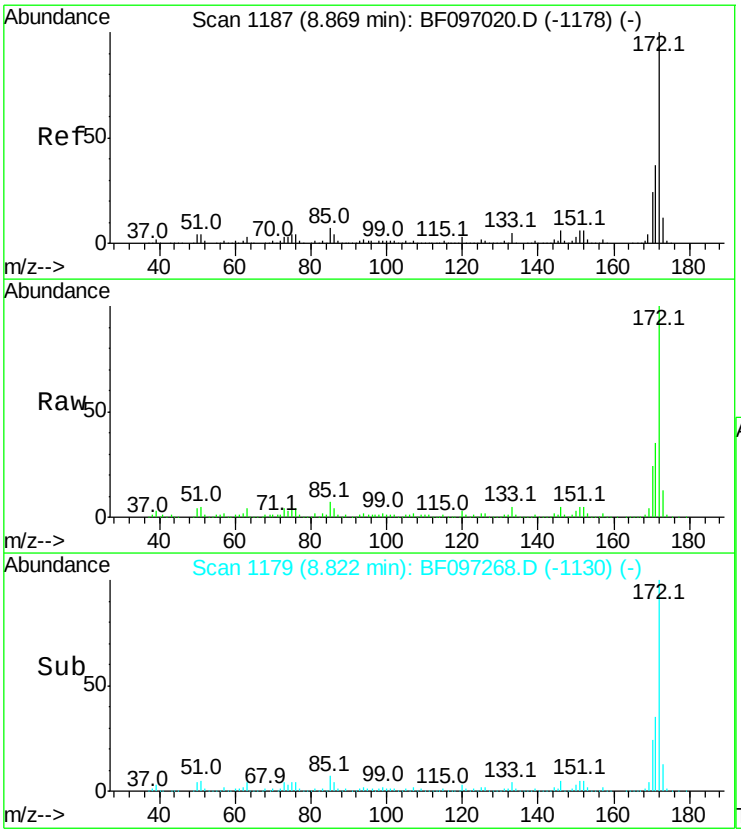
#41
2,4,6-Tribromophenol
Concen: 43.413 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:330 Resp: 51895

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	43.2	31.4	47.2

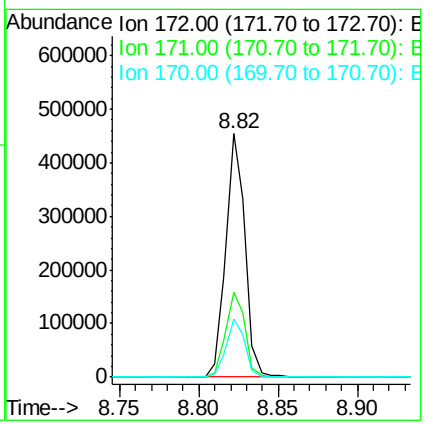


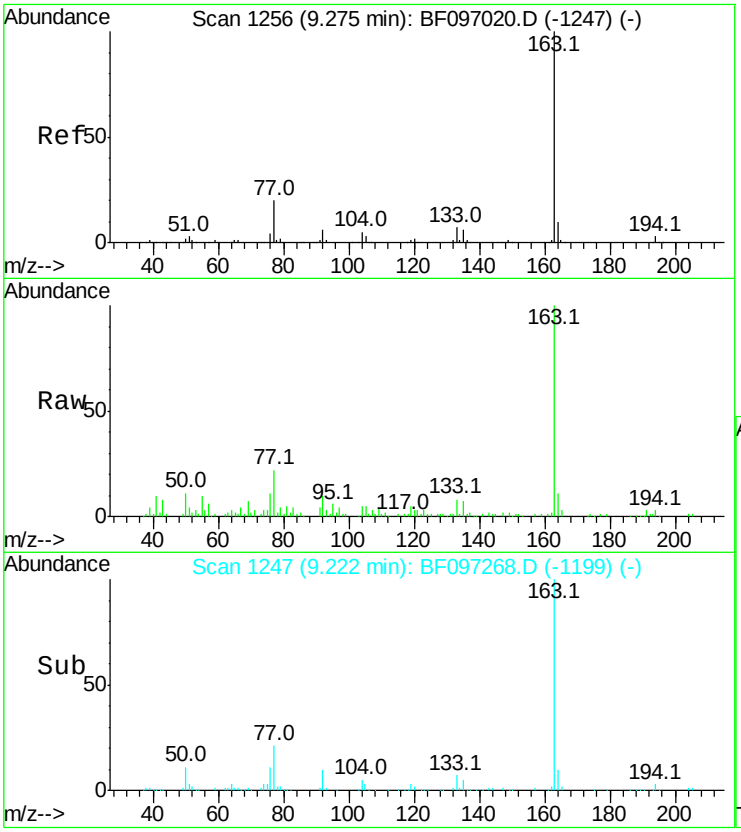


#44
2-Fluorobiphenyl
Concen: 42.530 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:172 Resp: 379161

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	19.8	29.8



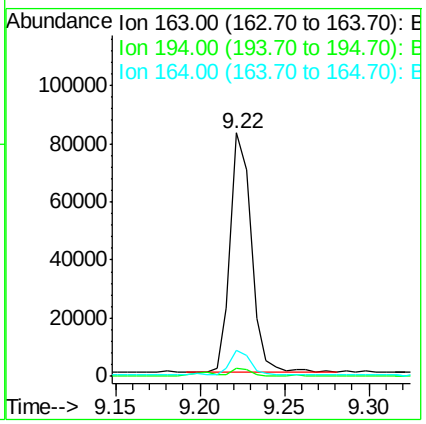


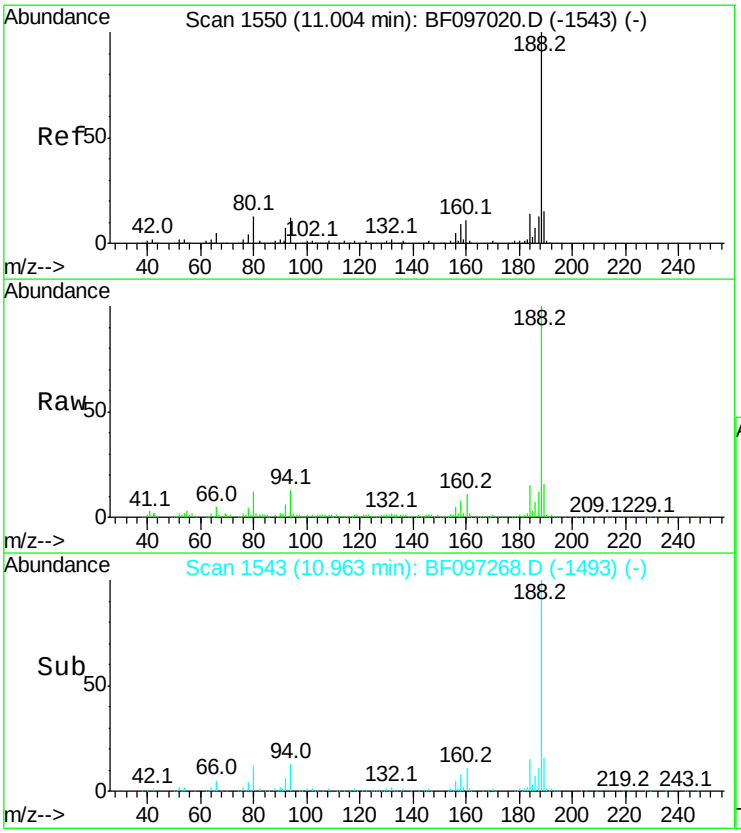
#49
Dimethylphthalate
Concen: 6.198 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:163 Resp: 71216

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.9	8.4	12.6

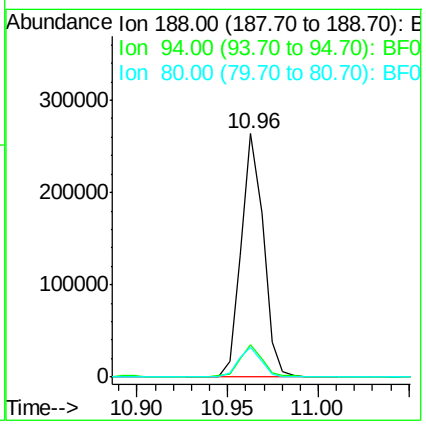


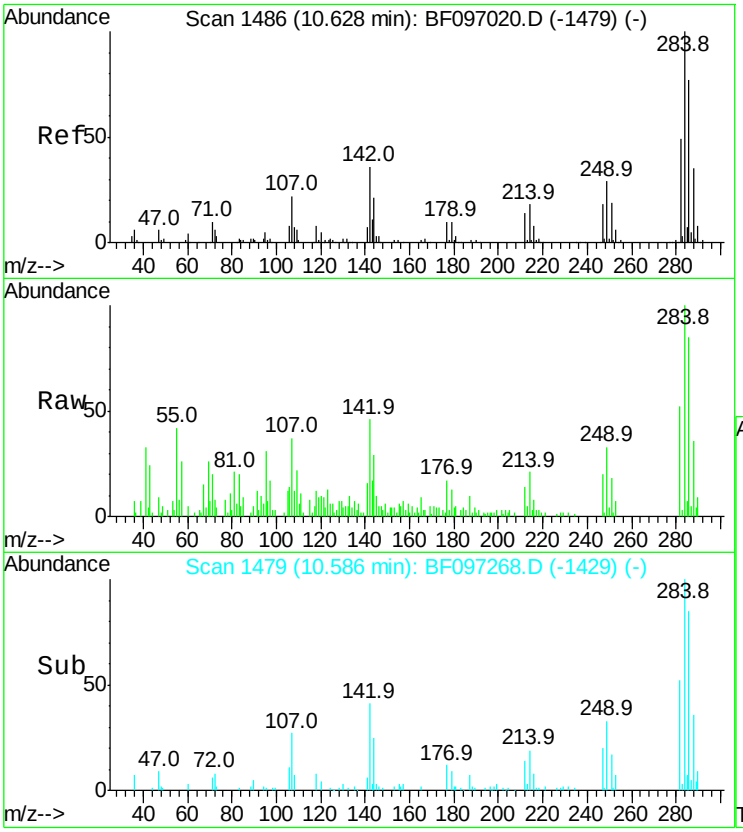


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:188 Resp: 226164

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.4	14.2
80	12.4	10.2	15.2



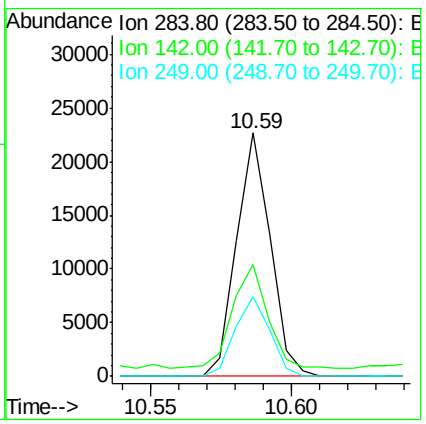


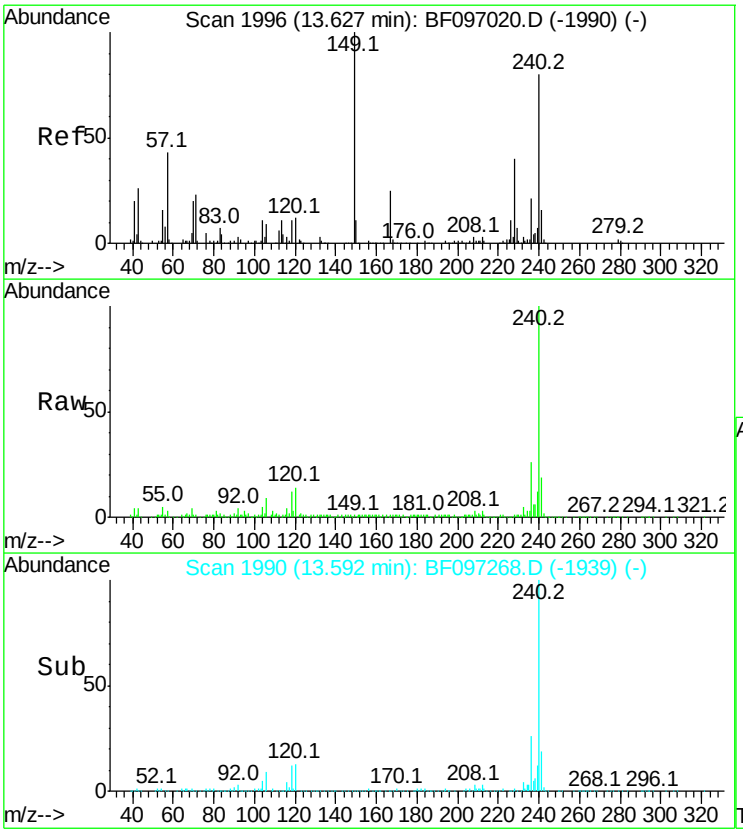
#67
Hexachlorobenzene
Concen: 7.427 ng
RT: 10.59 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:284 Resp: 18797

Ion	Ratio	Lower	Upper
284	100		
142	46.0	22.8	34.2#
249	32.8	24.0	36.0

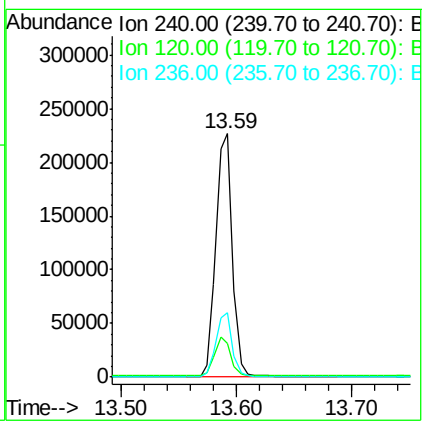


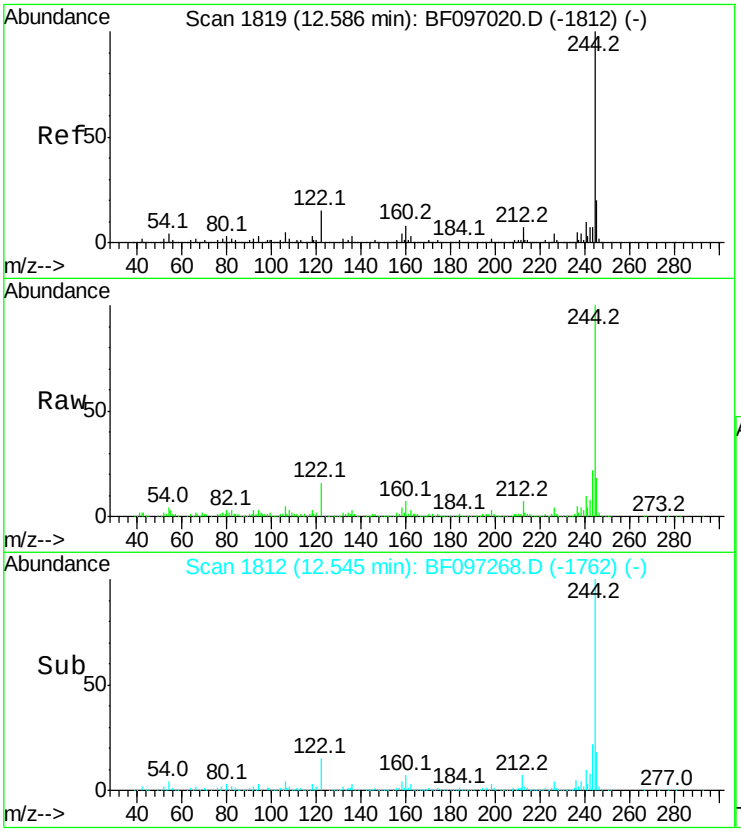


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:240 Resp: 226927

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.3	20.5	30.7



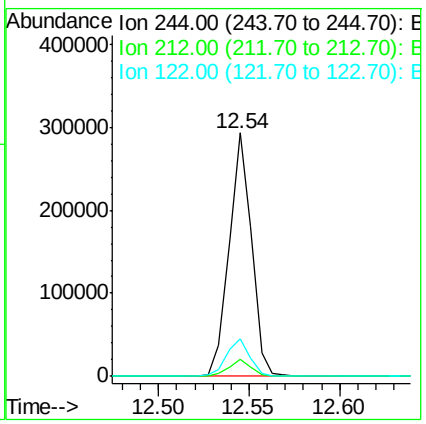


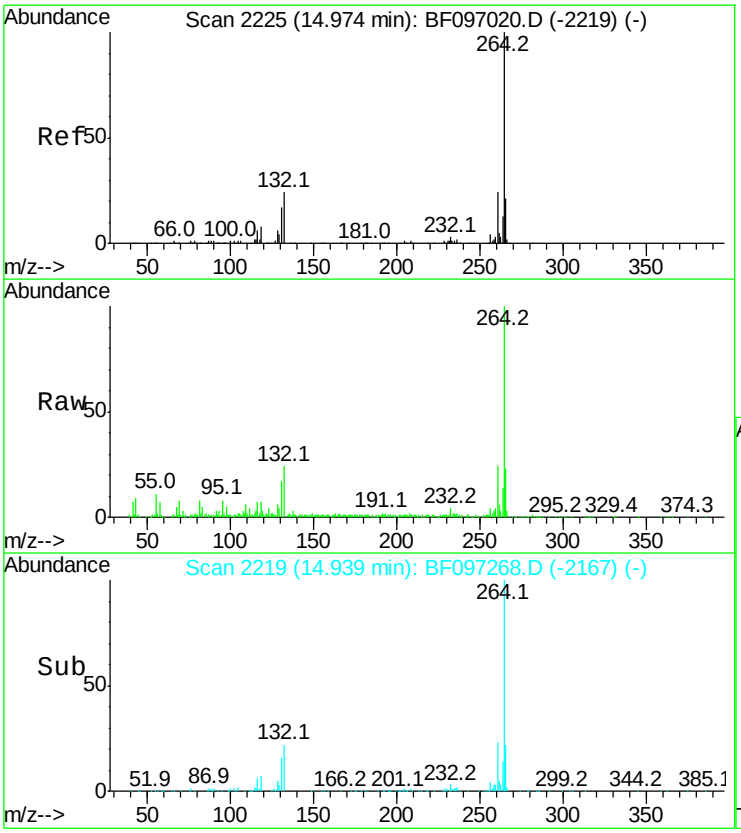
#78
Terphenyl-d14
Concen: 22.606 ng
RT: 12.54 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tgt Ion:244 Resp: 251610

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.94 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:264 Resp: 150175

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.6	17.2	25.8