

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100079.D
 Acq On : 2 Nov 2017 7:23
 Operator : SJ/JU
 Sample : I6225-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

Manual Integrations
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Quant Time: Nov 02 16:28:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 14:34:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91645	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	379860	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	174739	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	286129	20.00	ng	0.00
75) Chrysene-d12	14.22	240	173193	20.00	ng	-0.11
86) Perylene-d12	16.00	264	155049	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	766846	131.37	ng	0.02
7) Phenol-d6	6.43	99	843572	121.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	581047	98.48	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	226456	142.21	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1224807	108.14	ng	0.00
78) Terphenyl-d14	12.97	244	904095	114.08	ng	-0.05

Target Compounds Qvalue

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

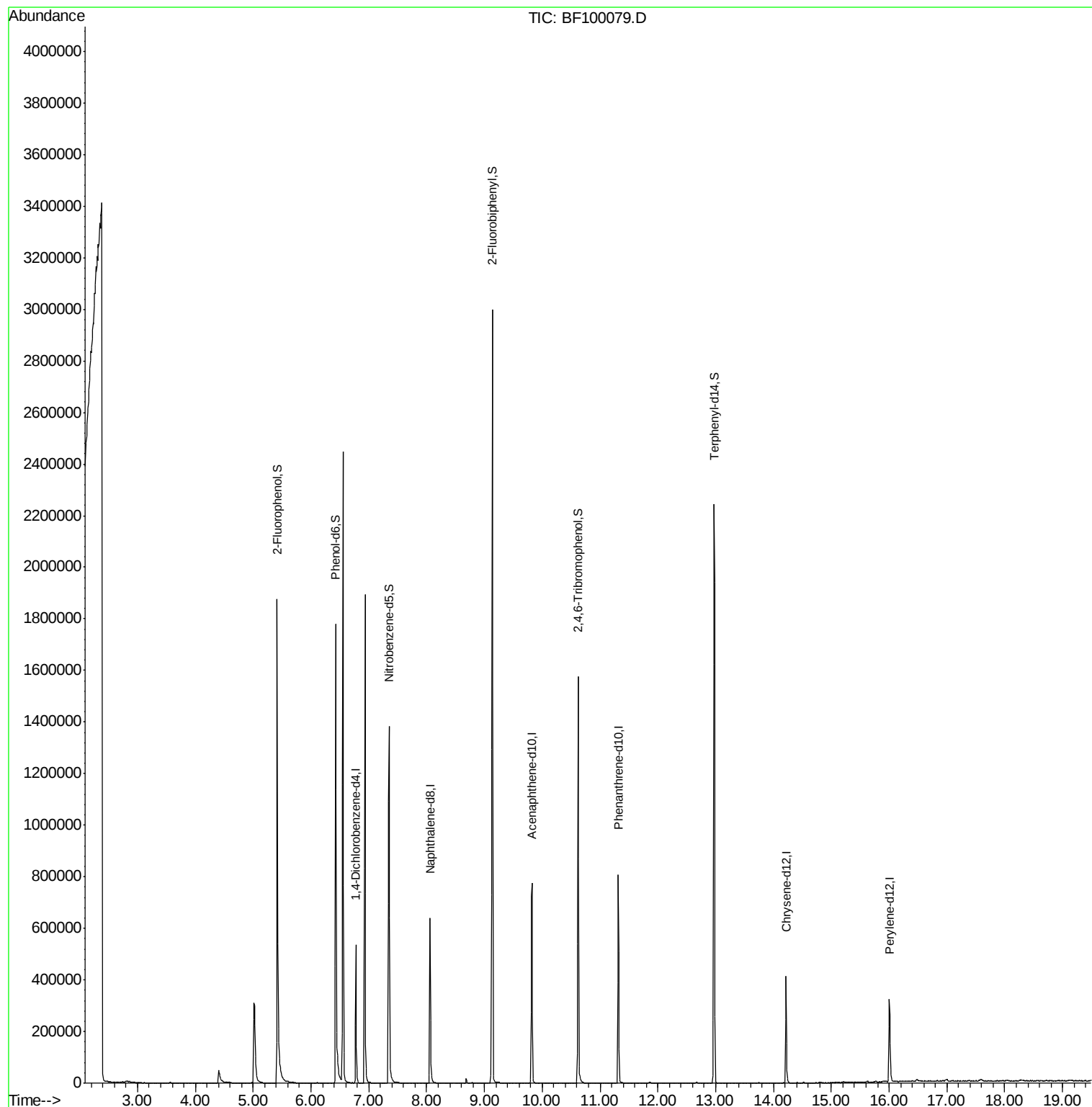
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100079.D
Acq On : 2 Nov 2017 7:23
Operator : SJ/JU
Sample : I6225-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

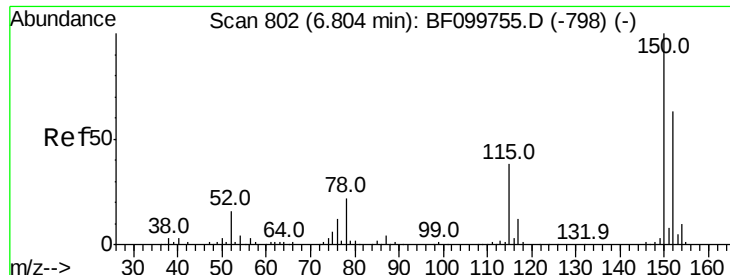
Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-47S1

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QLast Update : Thu Nov 02 14:34:05 2017
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#1

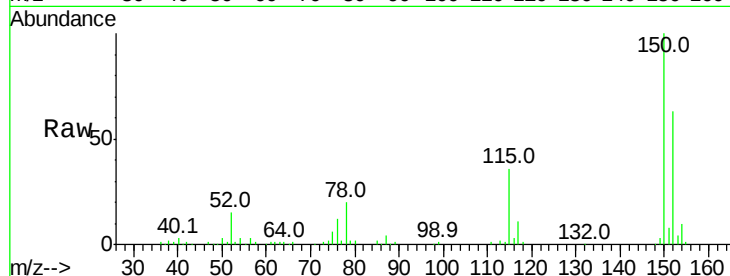
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-47S1

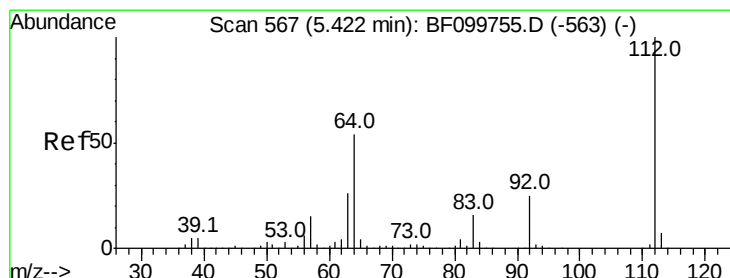
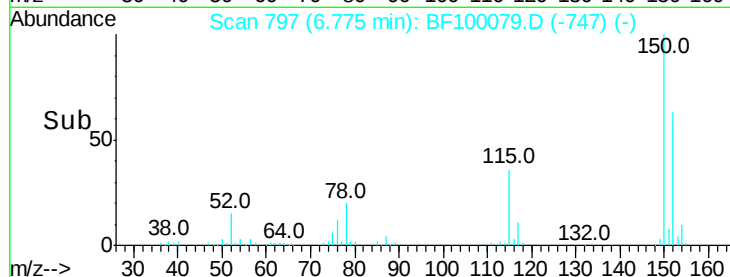
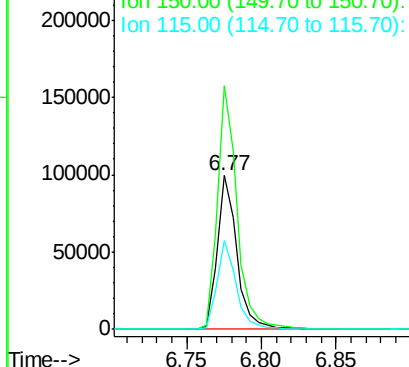
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	57.5	50.1	75.1

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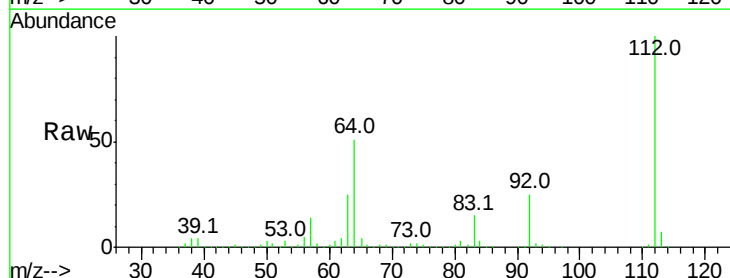
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



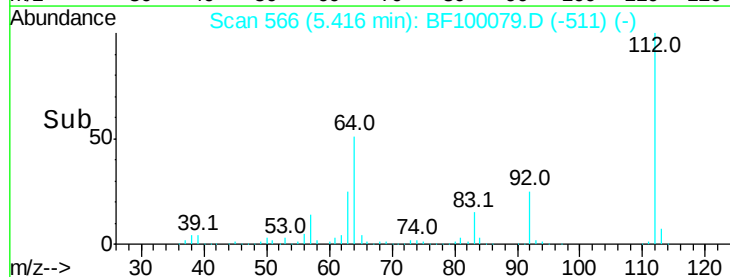
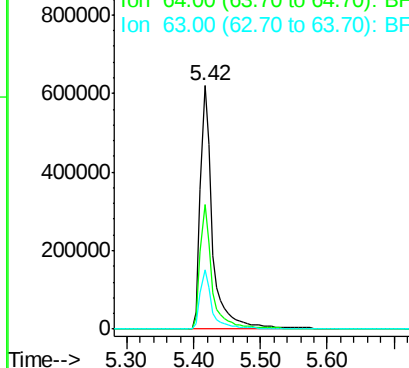
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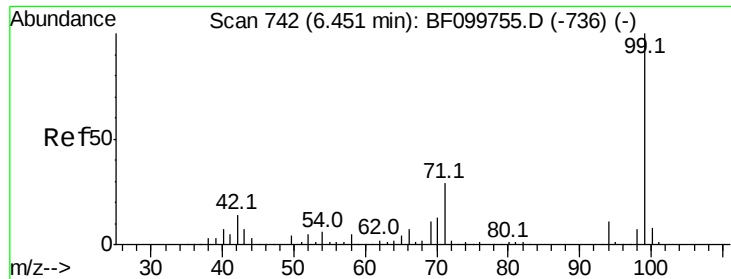
2-Fluorophenol
Concen: 131.368 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	24.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 121.877 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-47S1

Tot Ion: 99 Resp: 843572

Ion Ratio Lower Upper

99 100

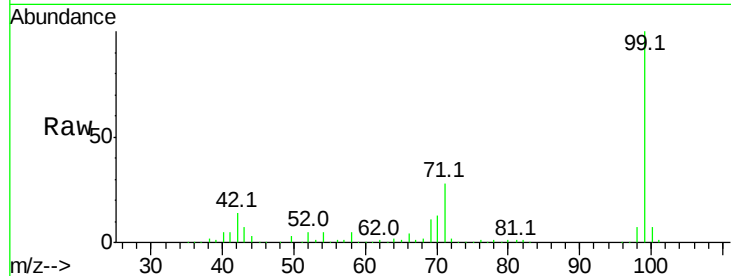
42 13.6 14.5 21.7#

71 28.5 25.4 38.0

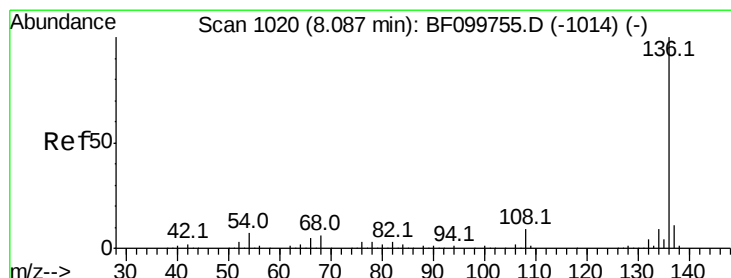
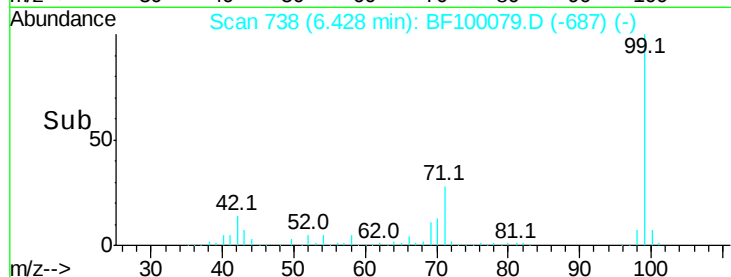
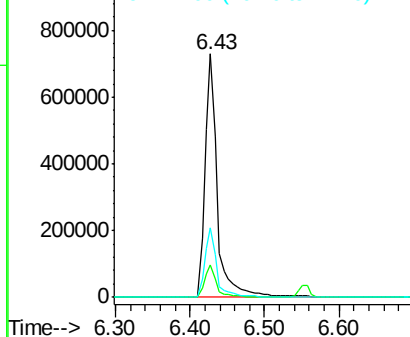
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Tgt Ion: 136 Resp: 379860

Ion Ratio Lower Upper

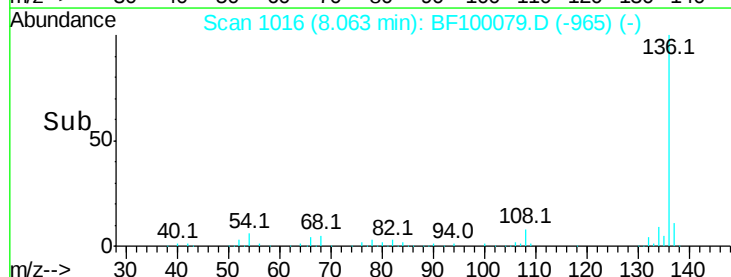
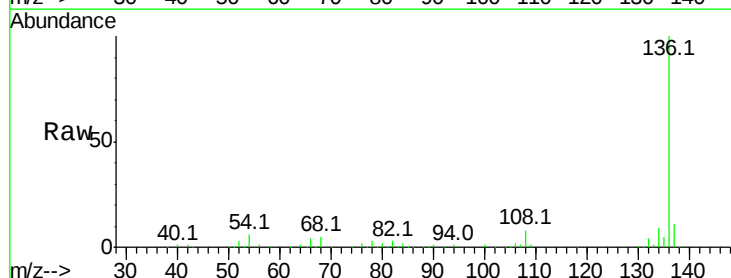
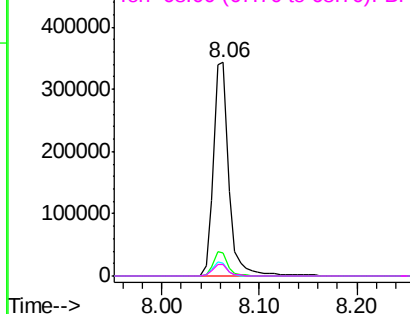
136 100

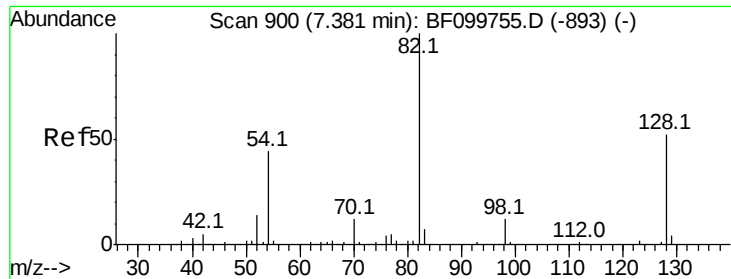
137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





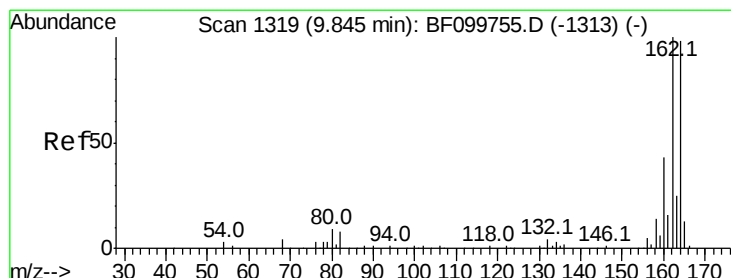
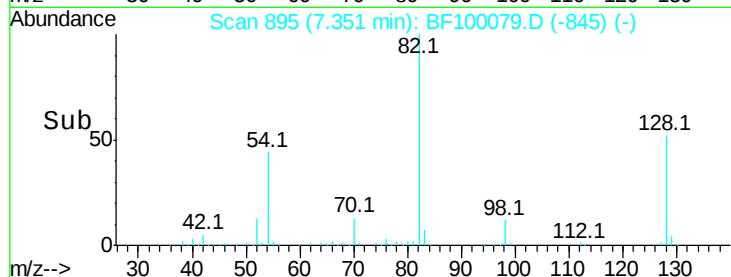
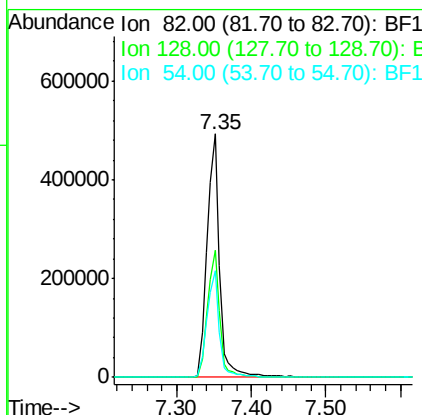
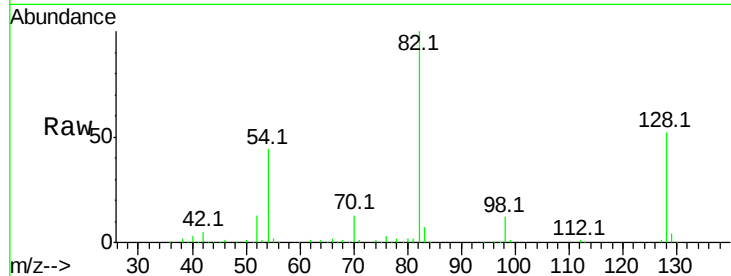
#23
Nitrobenzene-d5
Concen: 98.479 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-47S1

Tot Ion	82	Resp	581047
Ion Ratio	100	Lower	Upper
128	52.3	36.1	54.1
54	43.6	41.4	62.2

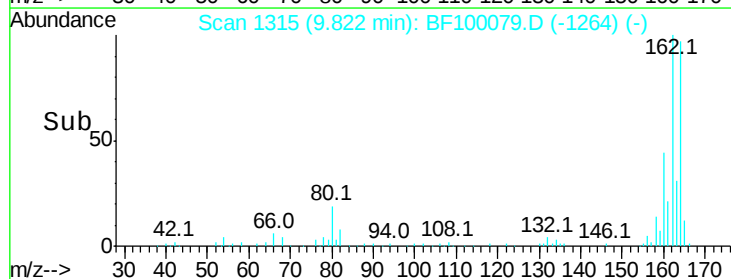
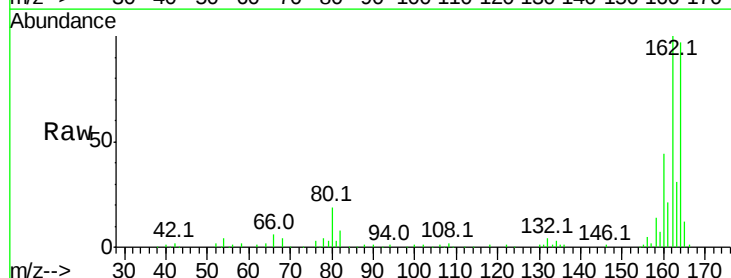
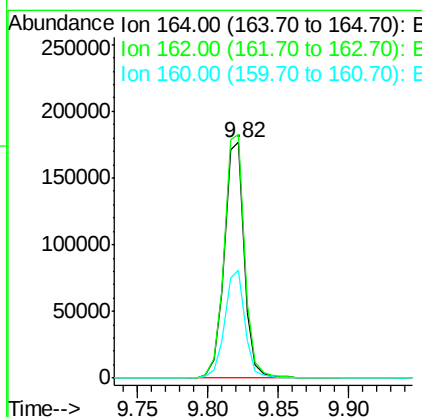
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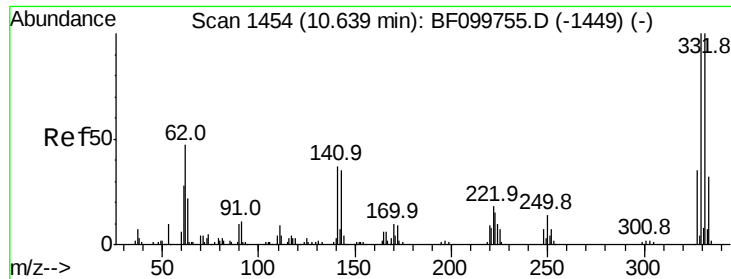
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Tgt Ion	164	Resp	174739
Ion Ratio	100	Lower	Upper
162	103.3	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 142.208 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Instrument :

BNA_F

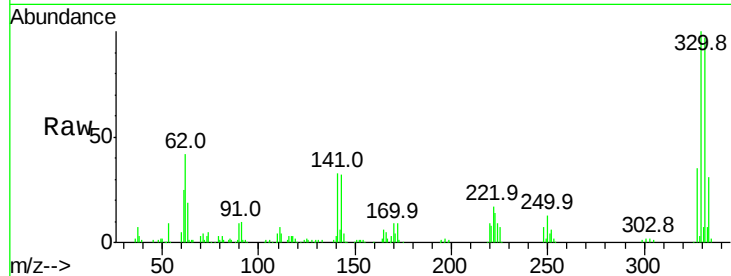
ClientSampleId :

CB-1017-S-TCLP-47S1

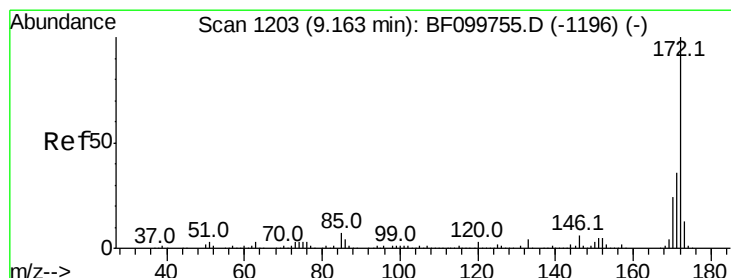
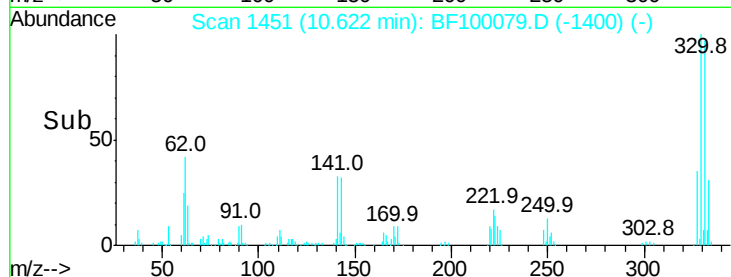
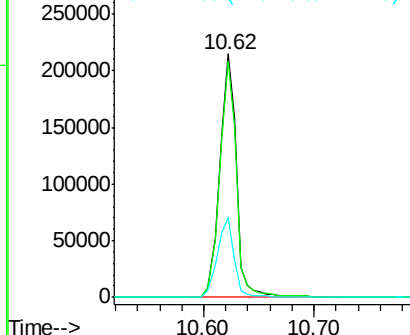
Tot Ion:	330	Resp:	226456
Ion Ratio		Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 108.143 ng

RT: 9.14 min Scan# 1199

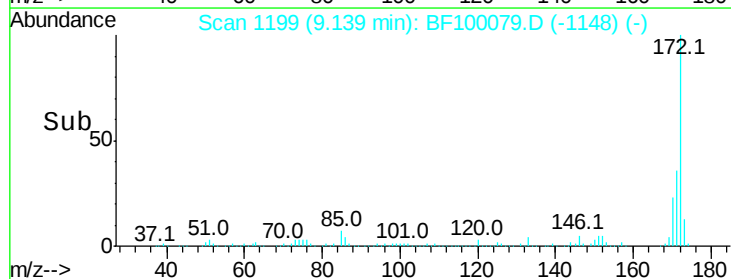
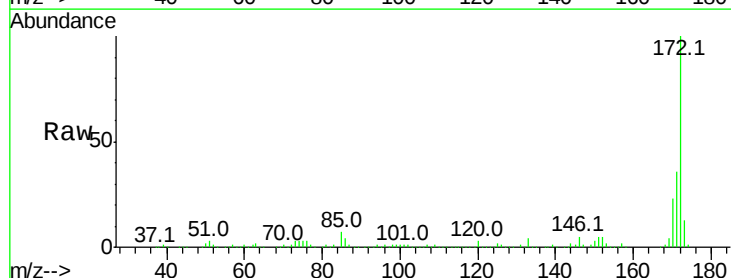
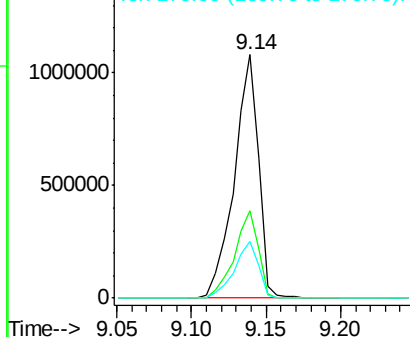
Delta R.T. 0.00 min

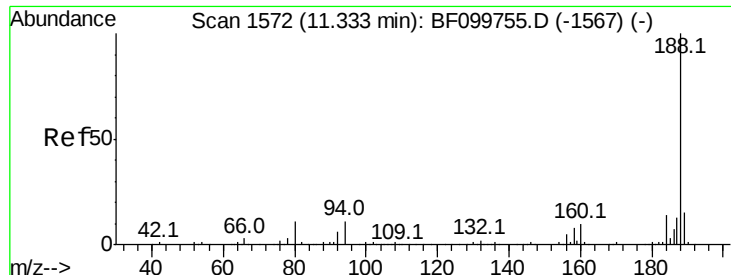
Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Tgt Ion:	172	Resp:	1224807
Ion Ratio		Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





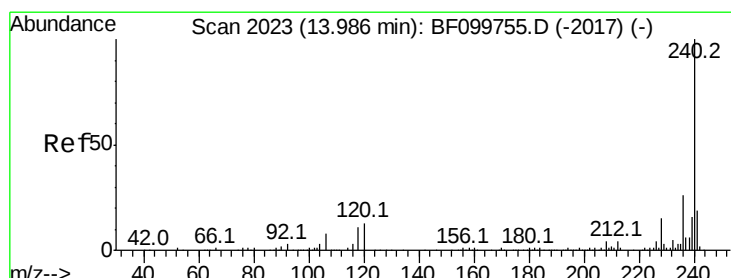
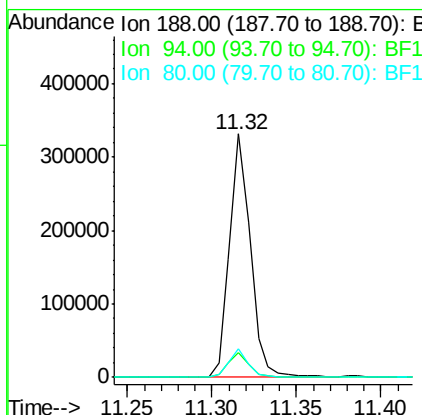
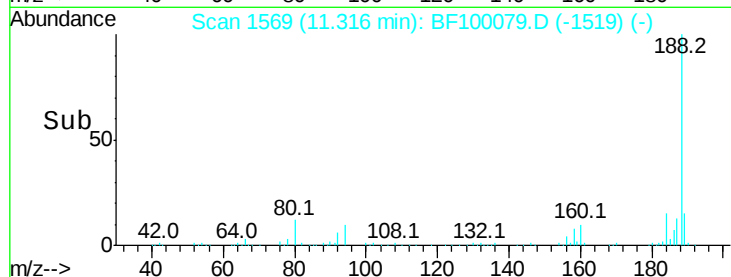
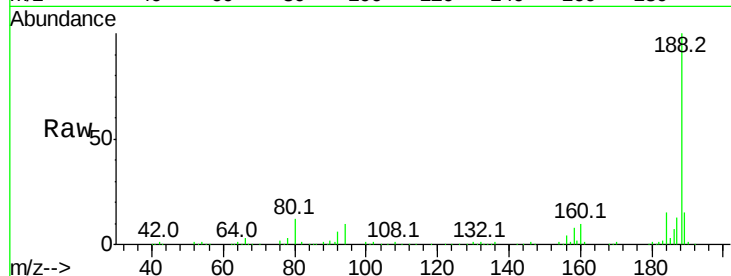
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-47S1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.6	9.2	13.8

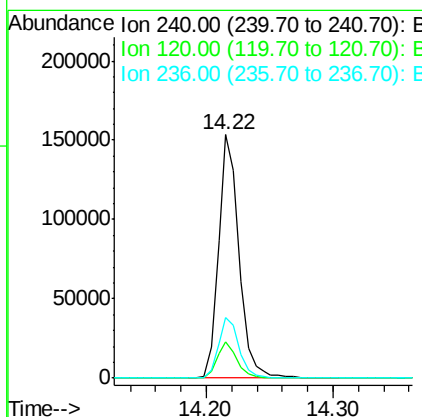
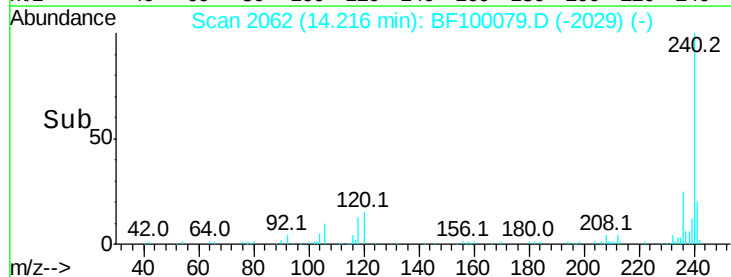
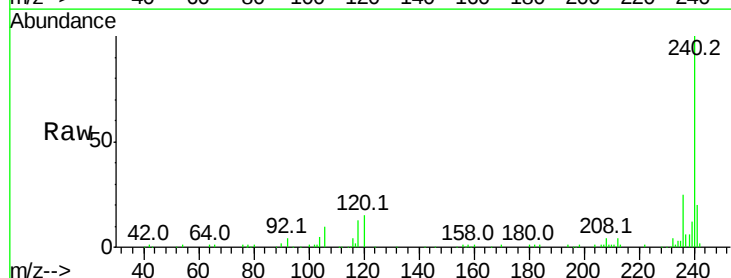
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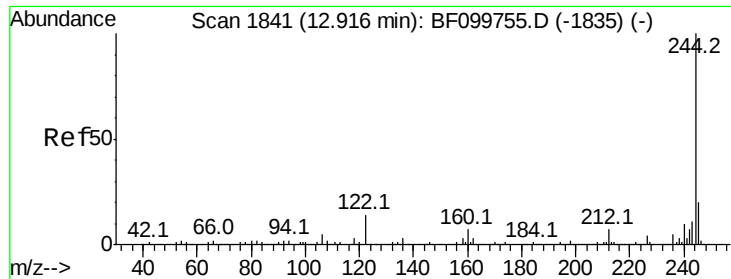
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2062
Delta R.T. -0.11 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.0	20.7	31.1





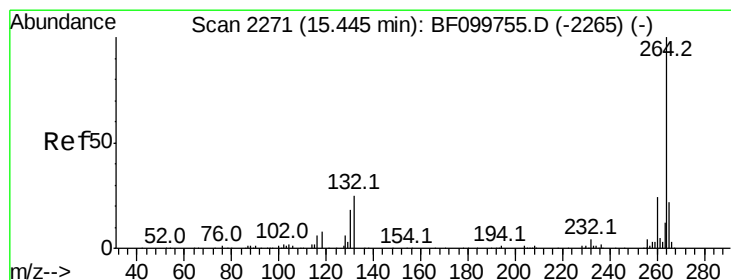
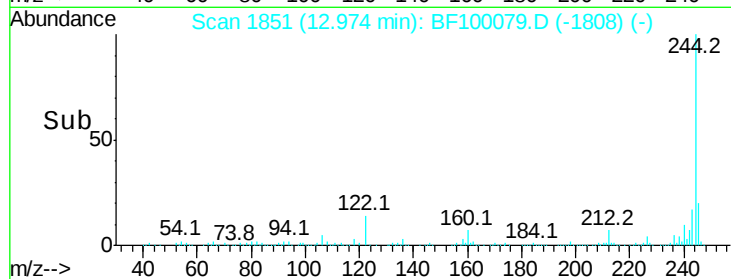
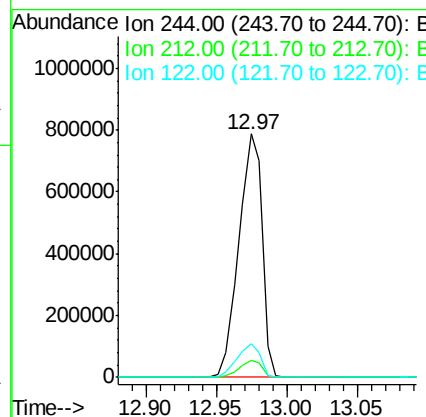
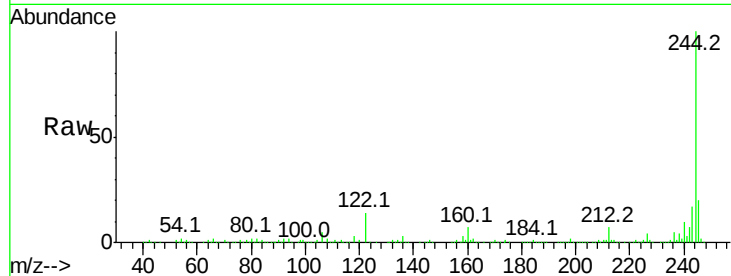
#78
 Terphenyl-d14
 Concen: 114.080 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.05 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 16.00 min Scan# 2366
 Delta R.T. -0.21 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.1	17.5	26.3

