

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100070.D
 Acq On : 2 Nov 2017 3:35
 Operator : SJ/JU
 Sample : I6092-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 02 14:39:28 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	6.78	152	85772	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	354238	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	162608	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270348	20.00	ng	0.00
75) Chrysene-d12	14.26	240	170891	20.00	ng	-0.06
86) Perylene-d12	16.10	264	143291	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	711830	130.29	ng	0.03
7) Phenol-d6	6.43	99	794247	122.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	513924	93.40	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	210228	141.87	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1066848	101.22	ng	0.00
78) Terphenyl-d14	13.00	244	849384	108.62	ng	-0.02

Target Compounds Qvalue

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

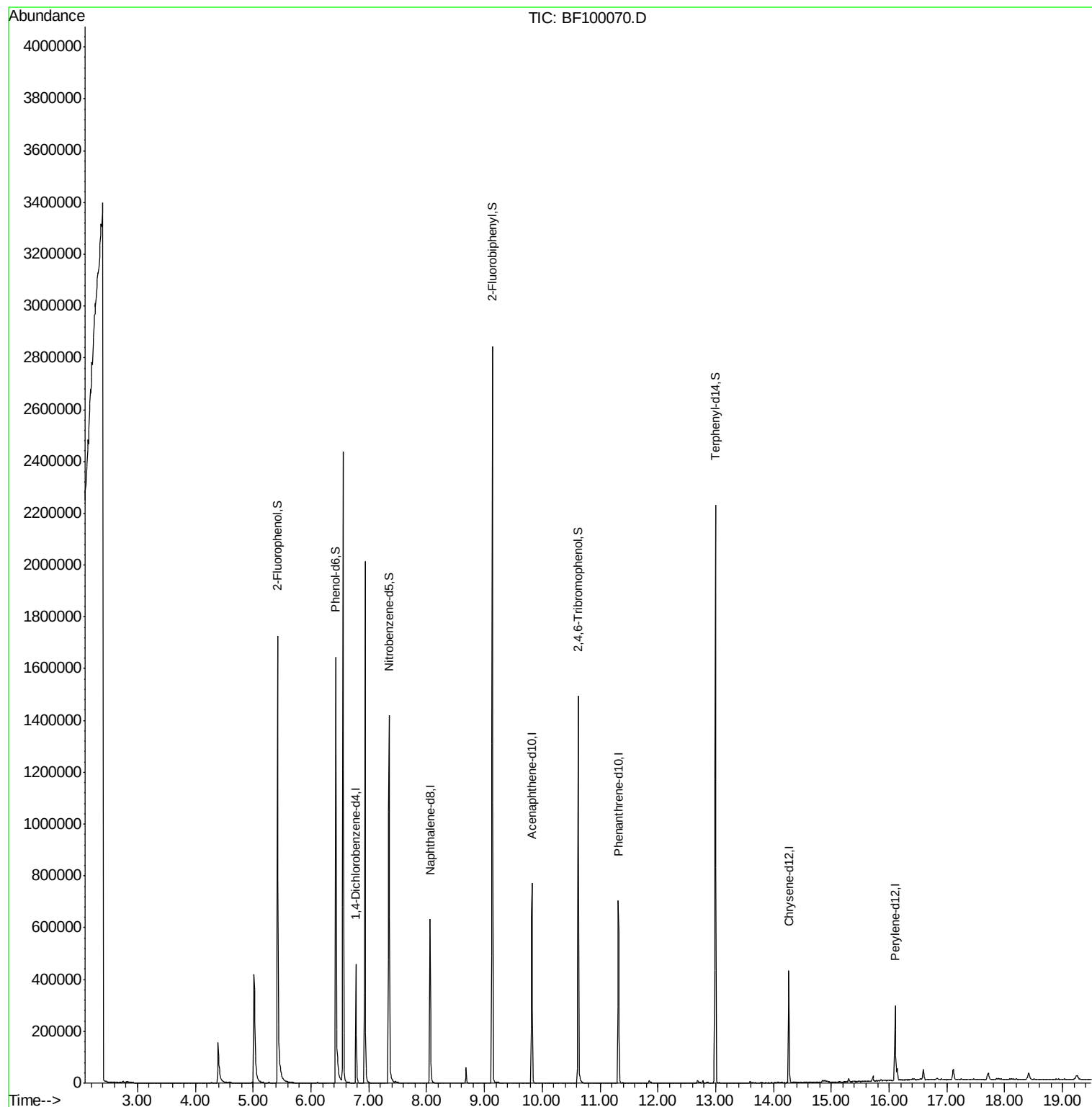
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100070.D
Acq On : 2 Nov 2017 3:35
Operator : SJ/JU
Sample : I6092-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

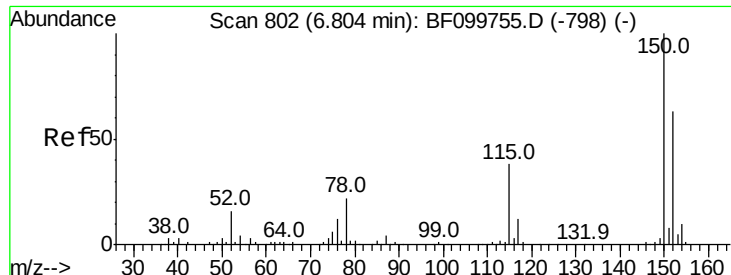
Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

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#1

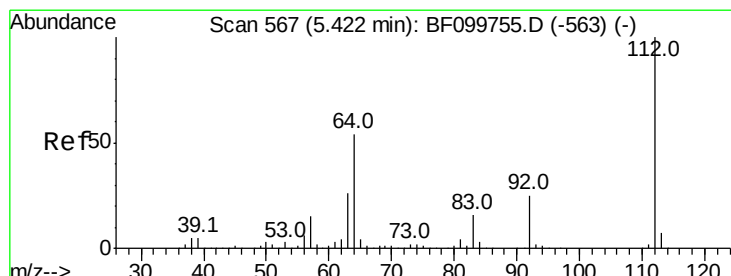
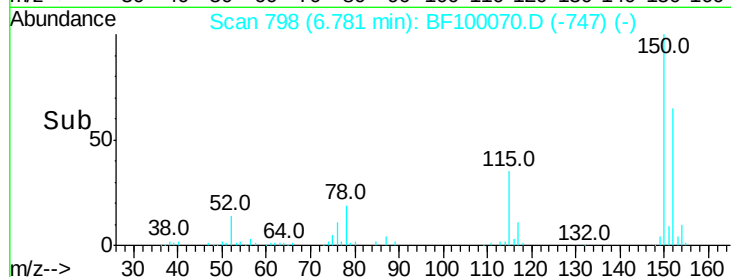
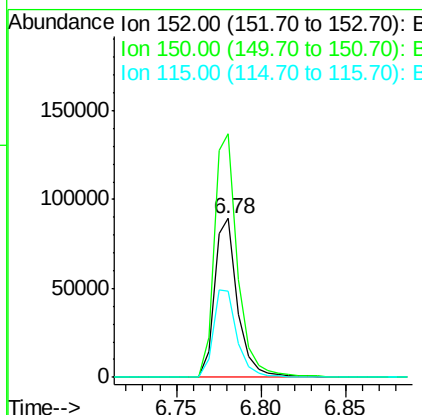
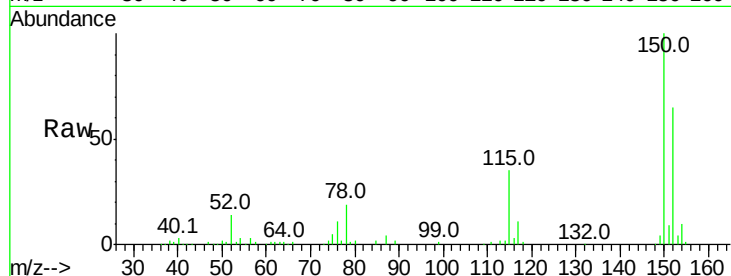
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF100070.D
Acq: 2 Nov 2017 3:35

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	54.2	50.1	75.1

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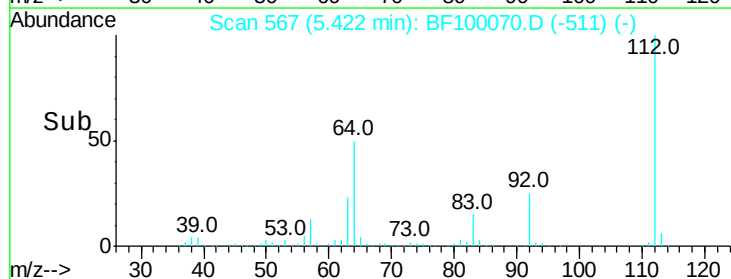
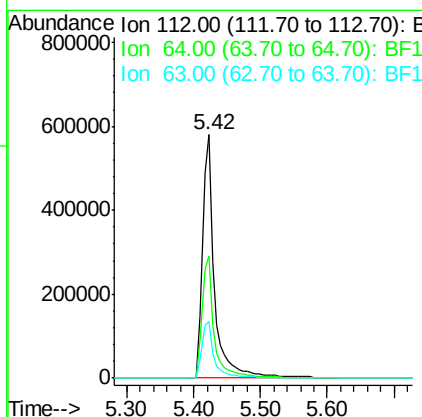
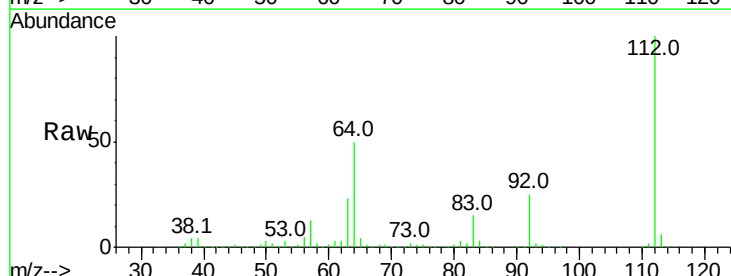
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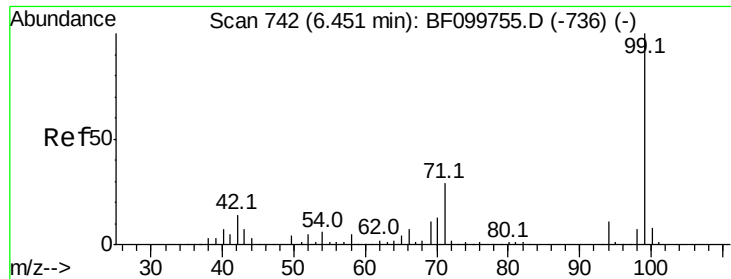


#5

2-Fluorophenol
Concen: 130.293 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100070.D
Acq: 2 Nov 2017 3:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	47.9	71.9
63	23.1	23.7	35.5#





#7

Phenol-d6

Concen: 122.608 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100070.D

Acq: 2 Nov 2017 3:35

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion: 99 Resp: 794247

Ion Ratio Lower Upper

99 100

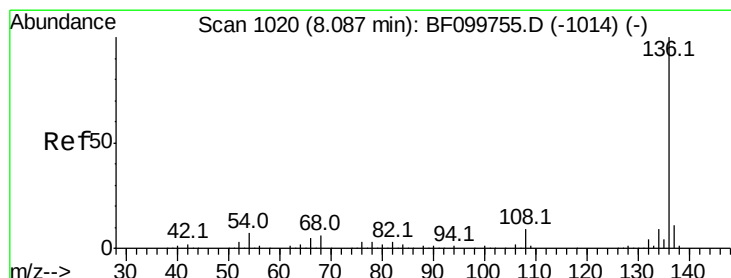
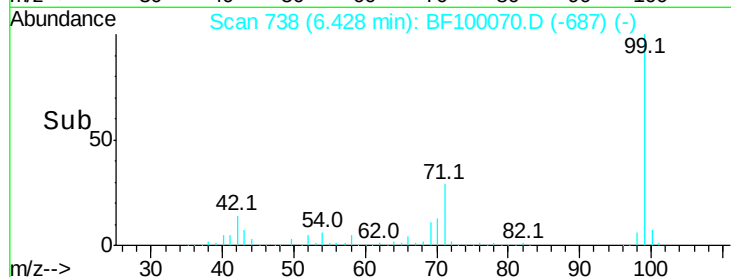
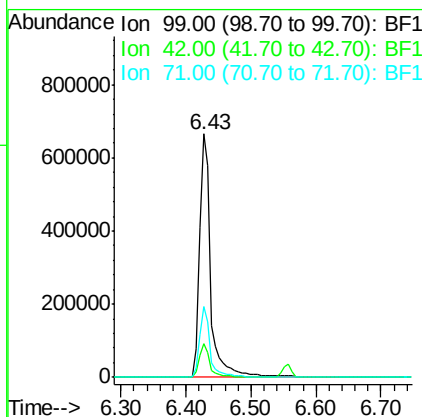
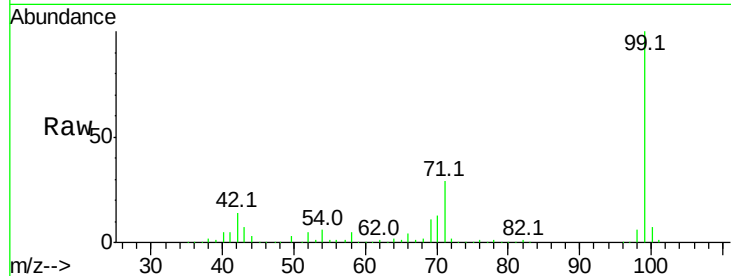
42 14.0 14.5 21.7#

71 29.4 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100070.D

Acq: 2 Nov 2017 3:35

Tgt Ion: 136 Resp: 354238

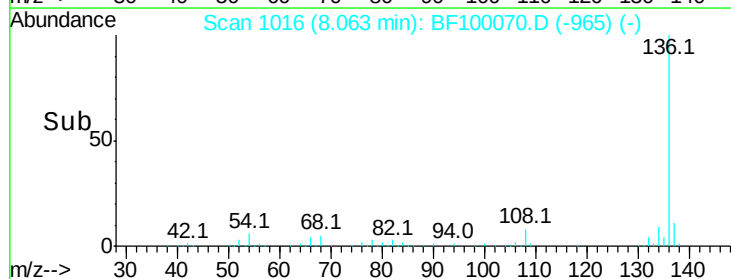
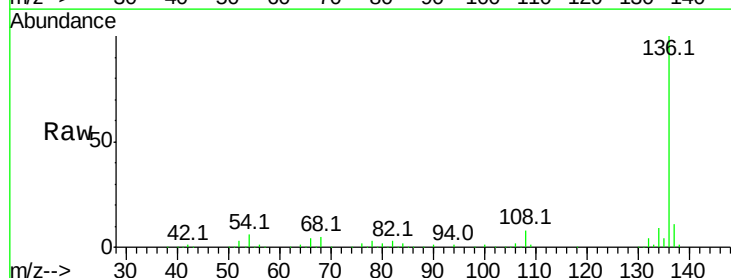
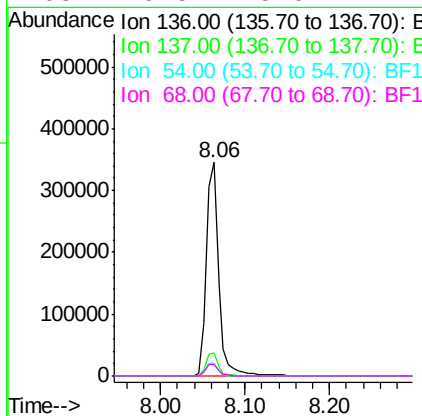
Ion Ratio Lower Upper

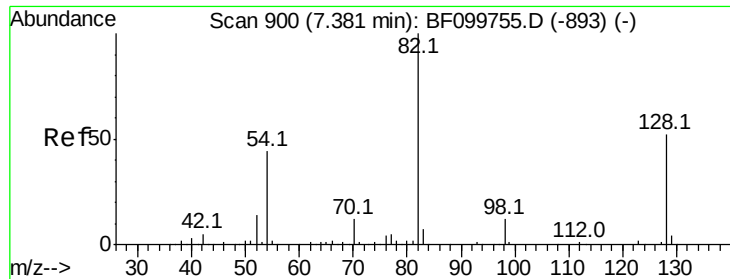
136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.5 5.0 7.4





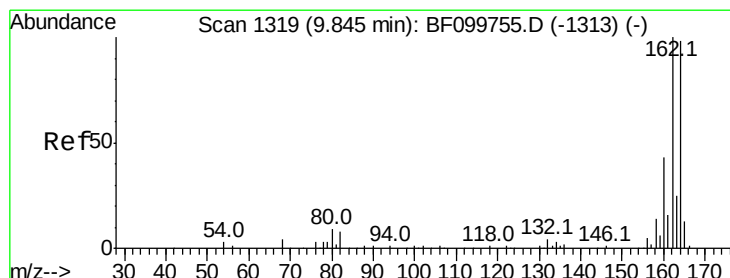
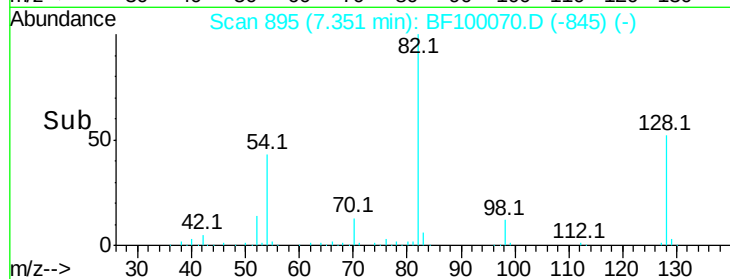
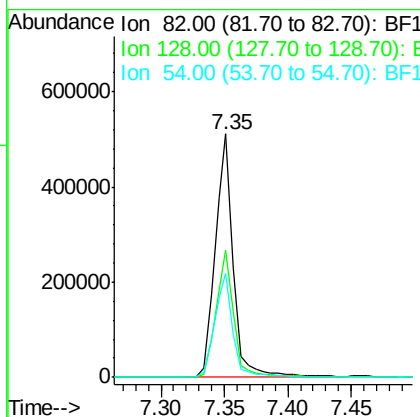
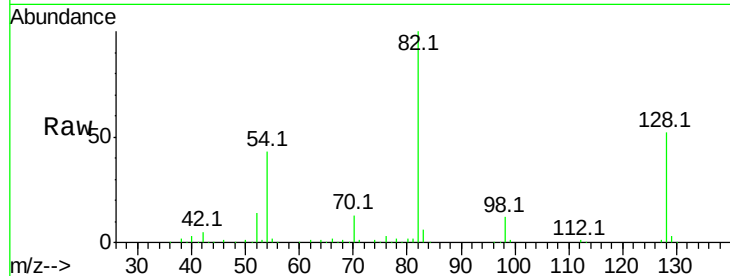
#23
 Nitrobenzene-d5
 Concen: 93.402 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion	82	Resp	513924
Ion Ratio	100	Lower	Upper
128	52.3	36.1	54.1
54	42.8	41.4	62.2

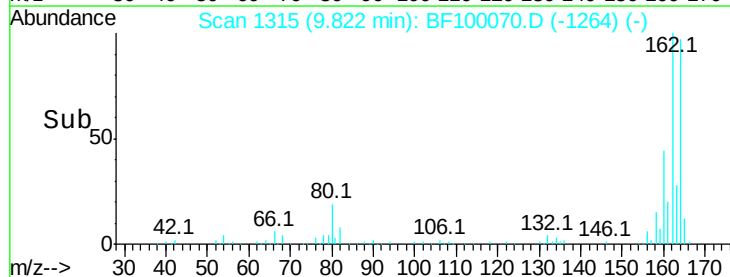
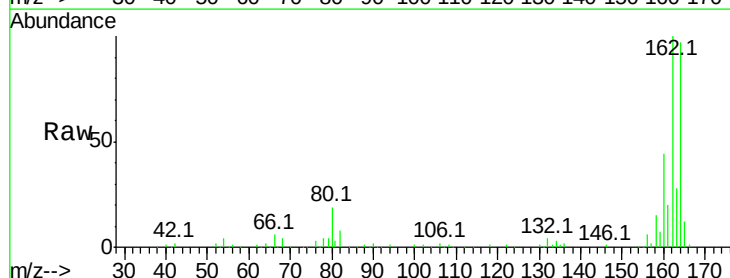
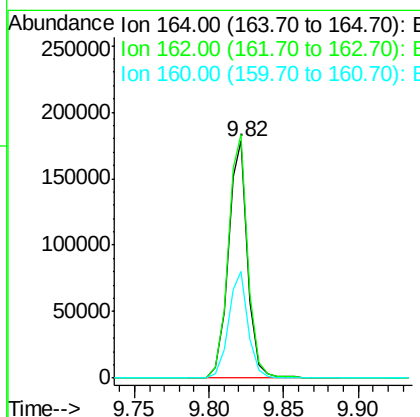
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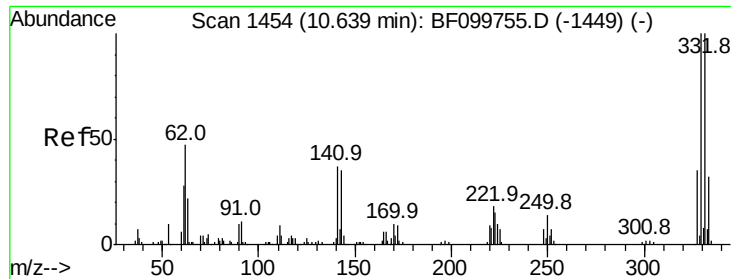
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Tgt Ion	164	Resp	162608
Ion Ratio	100	Lower	Upper
162	102.8	86.1	129.1
160	45.2	38.3	57.5





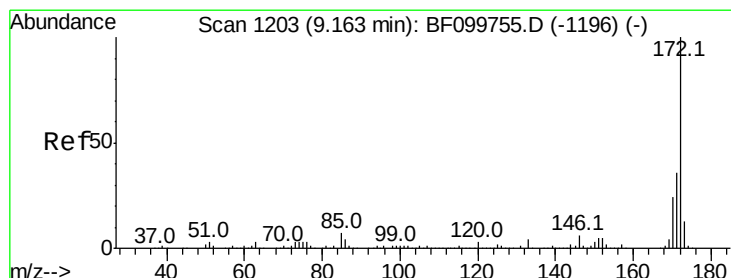
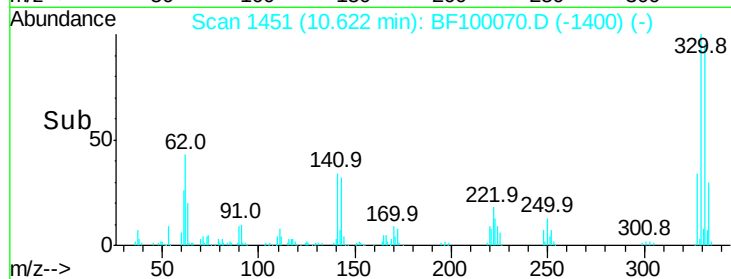
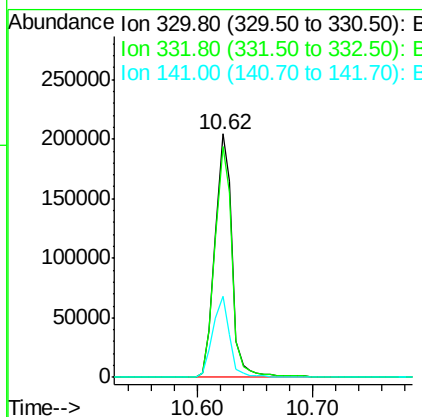
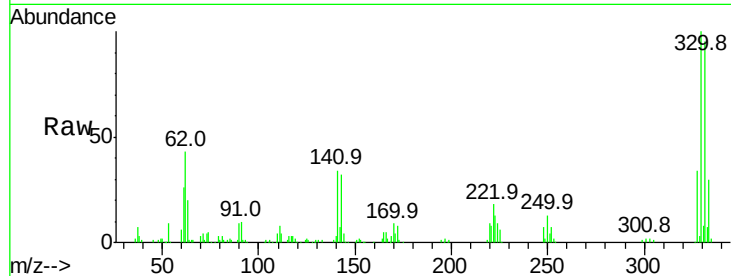
#41
 2,4,6-Tribromophenol
 Concen: 141.866 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210228		
332	96.2	77.0	115.6	
141	32.9	29.9	44.9	

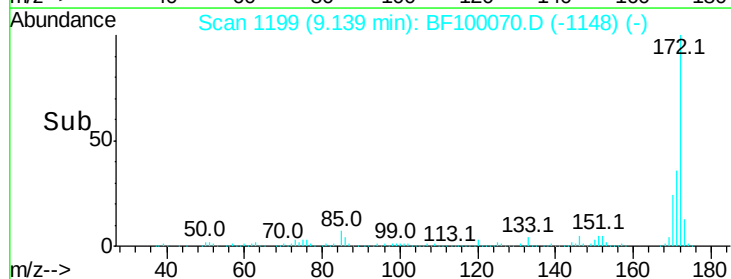
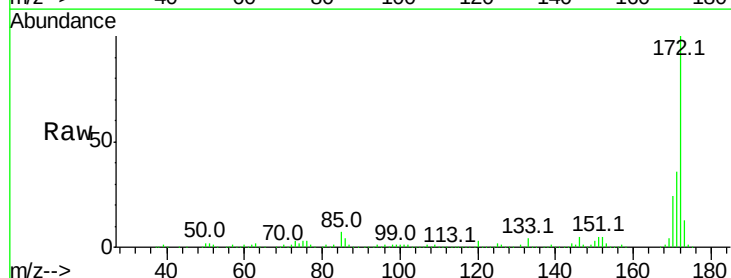
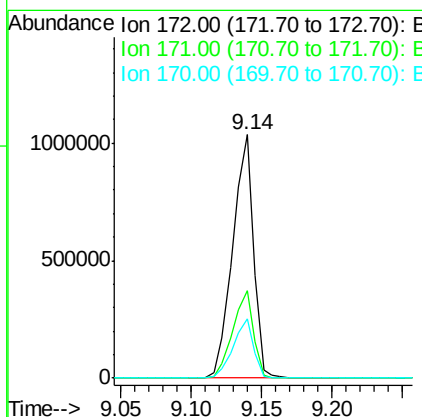
Manual Integrations
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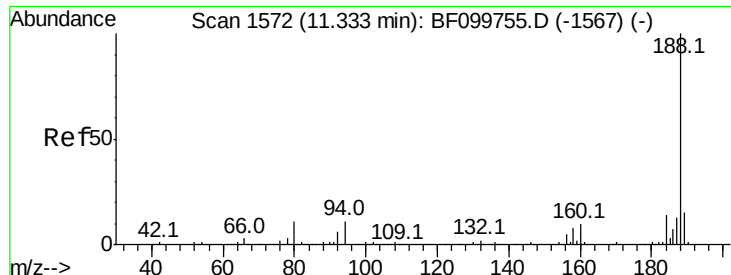
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#44
 2-Fluorobiphenyl
 Concen: 101.223 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1066848		
171	35.9	29.7	44.5	
170	24.2	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF100070.D

Acq: 2 Nov 2017 3:35

Instrument :

BNA_F

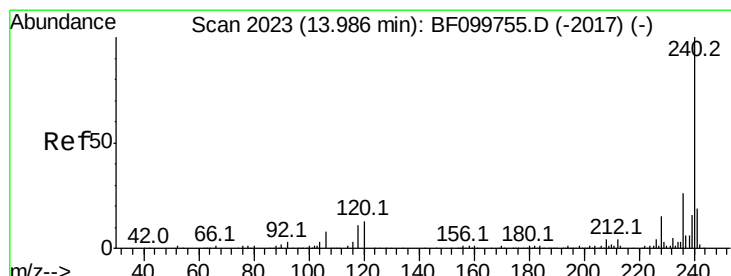
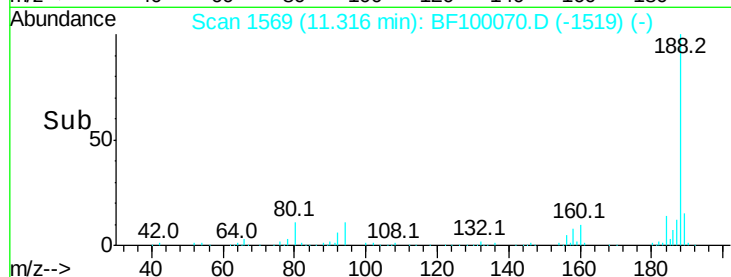
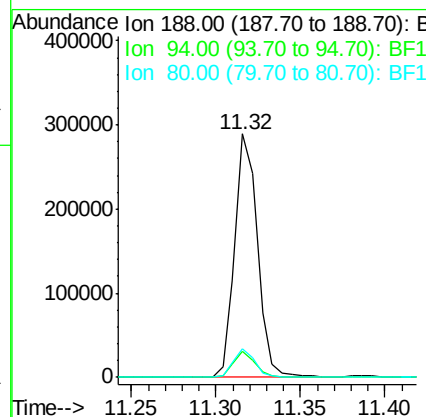
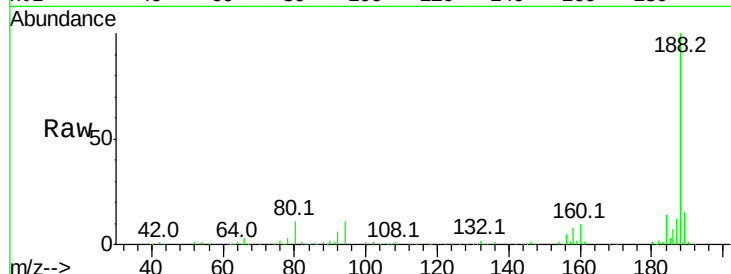
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	270348		
94	10.8		8.5	12.7
80	11.5		9.2	13.8

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#75

Chrysene-d12

Concen: 20.000 ng

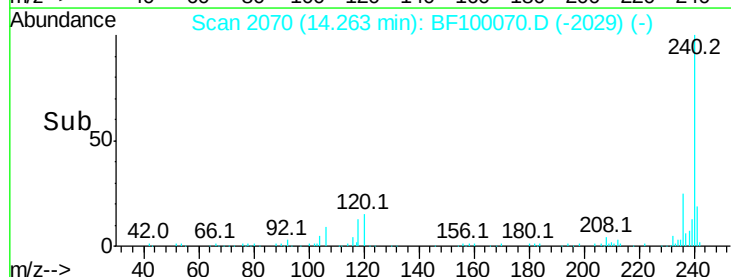
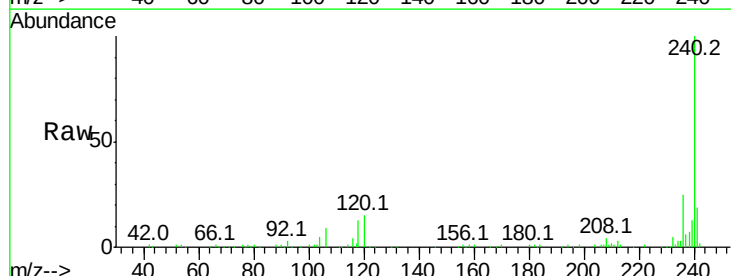
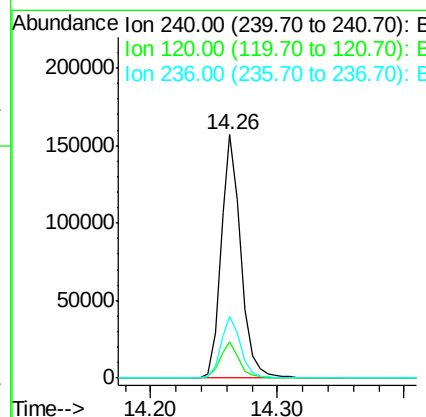
RT: 14.26 min Scan# 2070

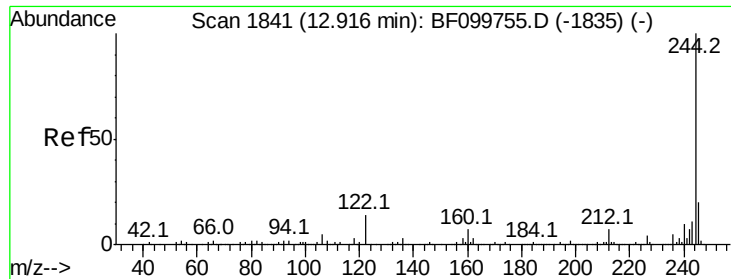
Delta R.T. -0.06 min

Lab File: BF100070.D

Acq: 2 Nov 2017 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	170891		
120	14.9		9.5	14.3#
236	25.3		20.7	31.1





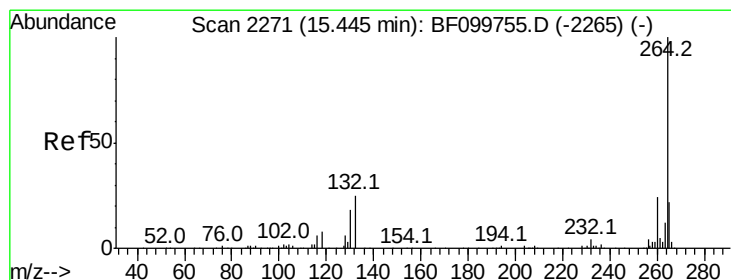
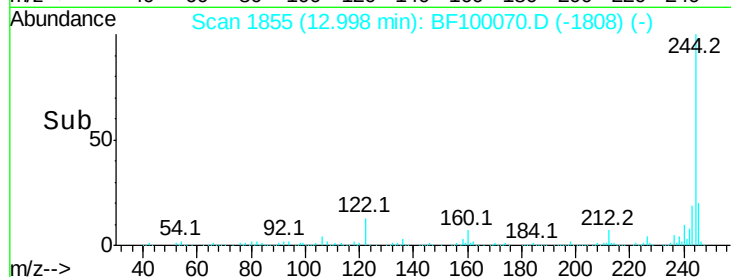
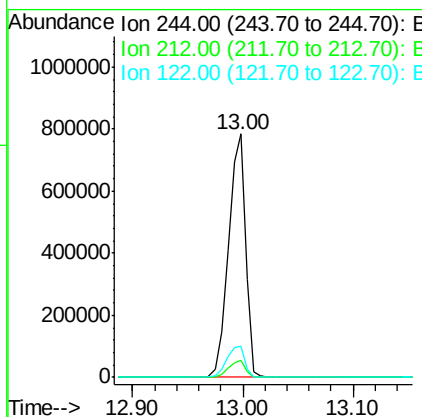
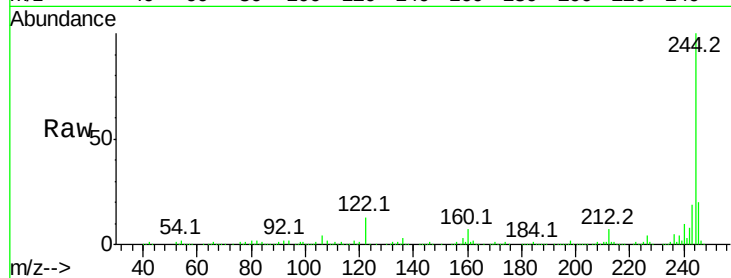
#78
 Terphenyl-d14
 Concen: 108.620 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 16.10 min Scan# 2383
 Delta R.T. -0.11 min
 Lab File: BF100070.D
 Acq: 2 Nov 2017 3:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.2	17.5	26.3

