

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100076.D
 Acq On : 2 Nov 2017 6:07
 Operator : SJ/JU
 Sample : I6226-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 02 16:23:35 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	95766	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	395641	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	184947	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303856	20.00	ng	0.00
75) Chrysene-d12	14.30	240	186444	20.00	ng	-0.02
86) Perylene-d12	16.17	264	164540	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	843131	138.22	ng	0.03
7) Phenol-d6	6.43	99	902098	124.72	ng	0.00
23) Nitrobenzene-d5	7.35	82	639811	104.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	253494	150.40	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1349759	112.60	ng	0.00
78) Terphenyl-d14	13.02	244	1007887	118.14	ng	0.00
Target Compounds						
76) Benzidine	12.74	184	99093	12.146	ng	Qvalue 97

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

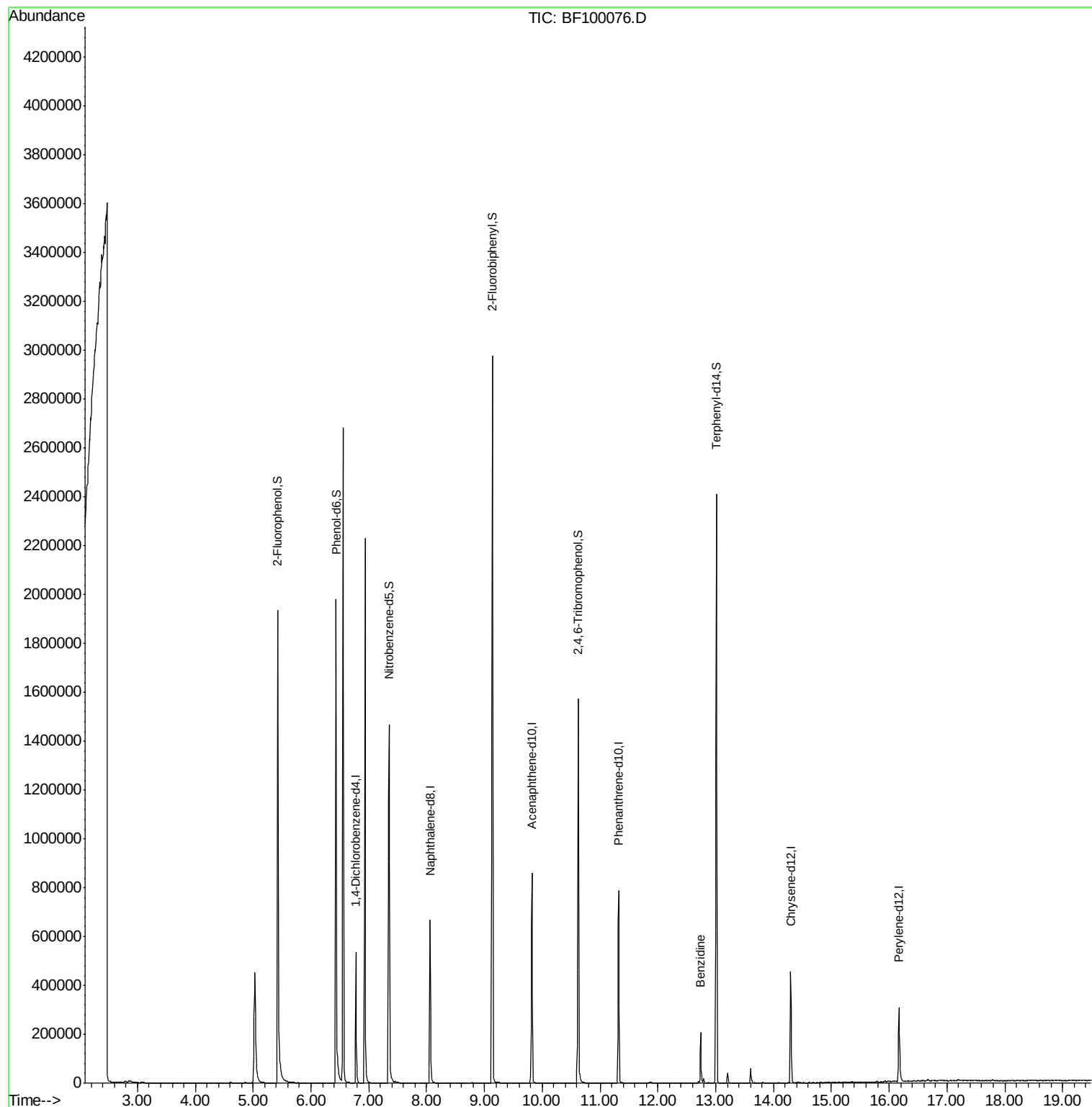
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100076.D
Acq On : 2 Nov 2017 6:07
Operator : SJ/JU
Sample : I6226-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

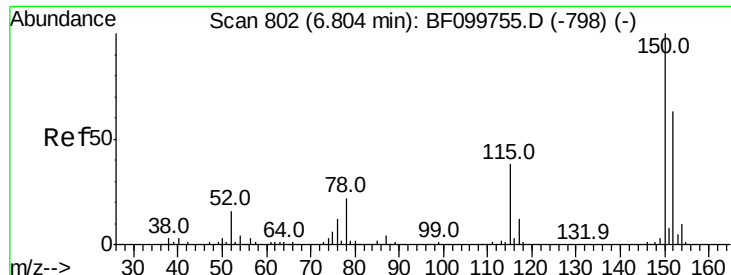
Instrument :
BNA_F
ClientSampleId :
TP-2

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#1

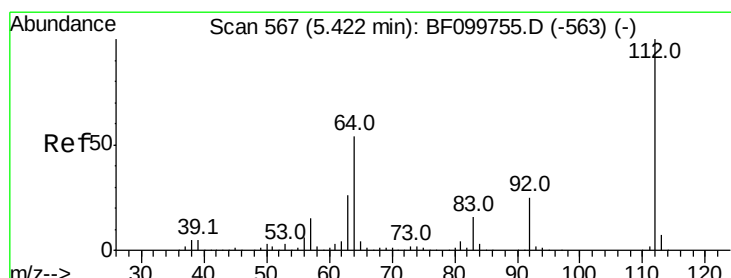
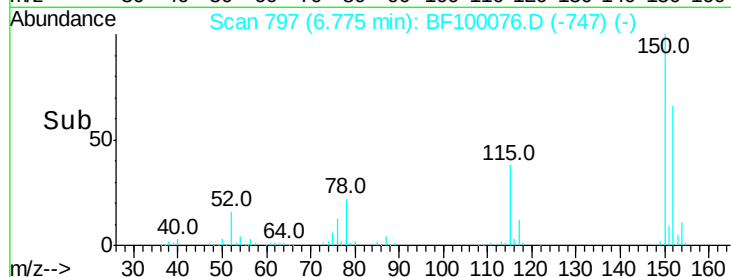
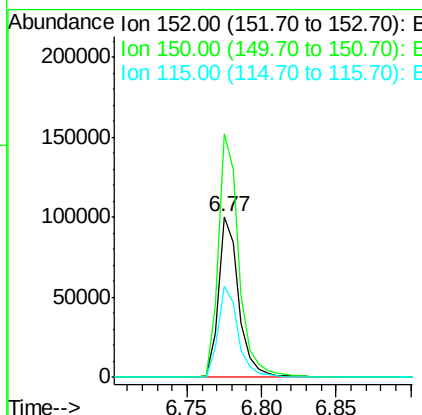
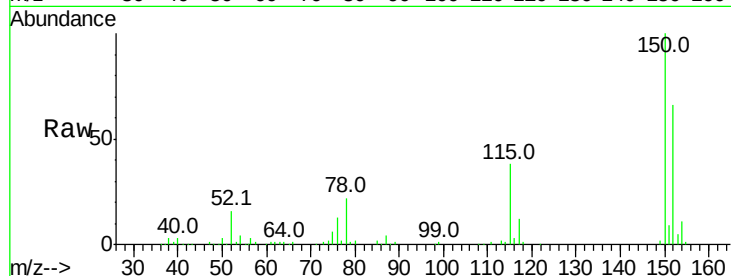
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	57.2	50.1	75.1

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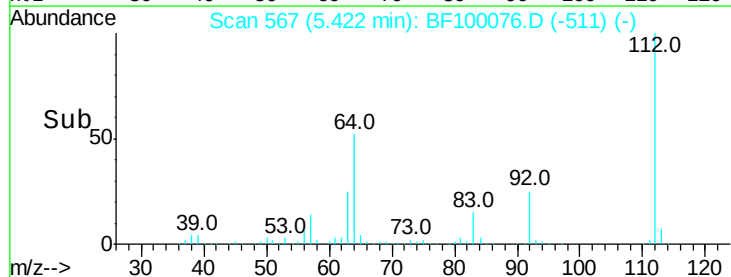
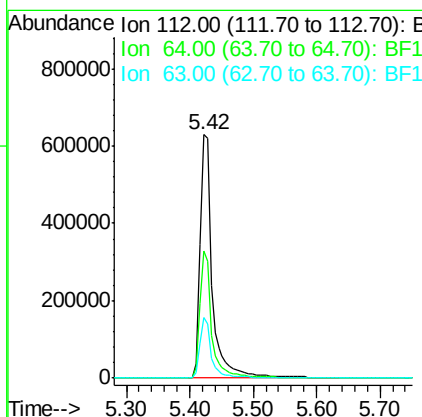
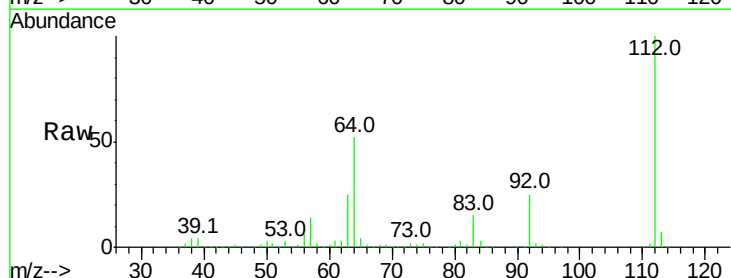
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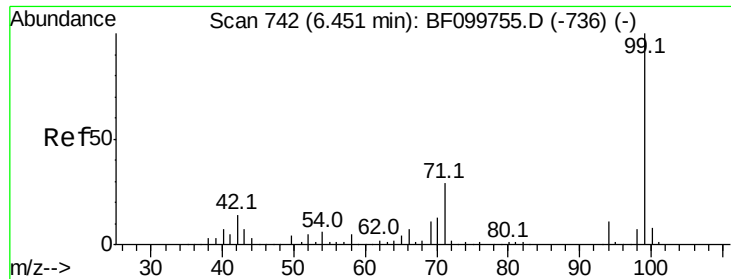


#5

2-Fluorophenol
Concen: 138.221 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	25.0	23.7	35.5





#7

Phenol-d6

Concen: 124.724 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100076.D

Acq: 2 Nov 2017 6:07

Instrument :

BNA_F

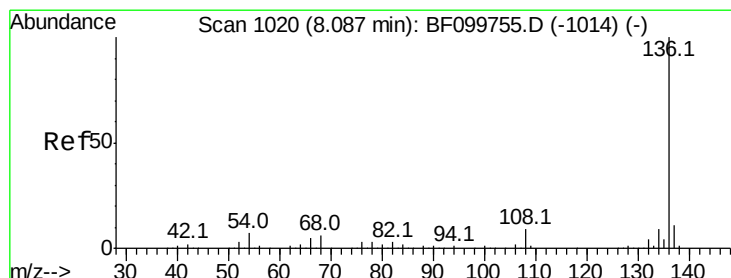
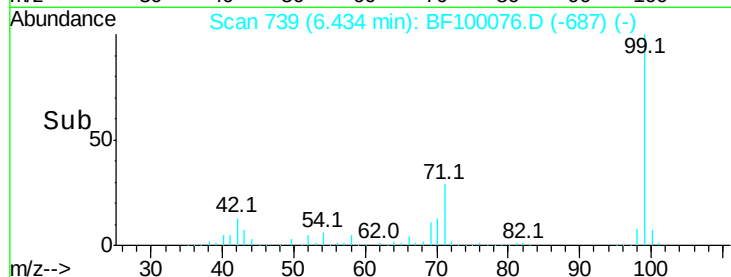
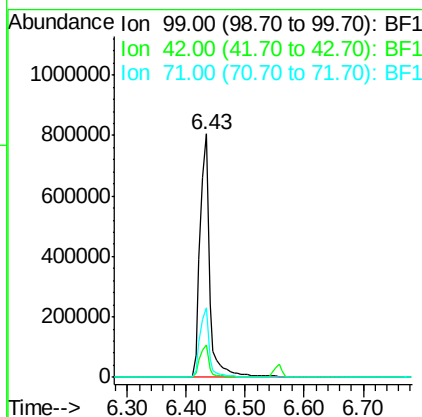
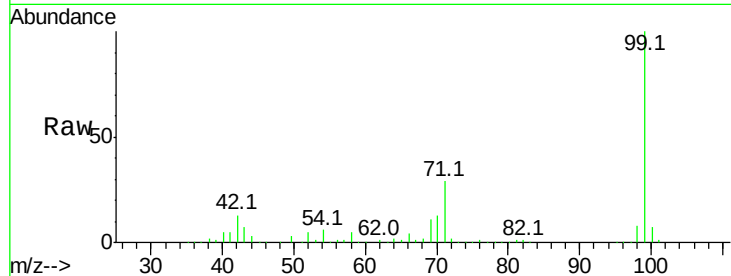
ClientSampled :

TP-2

Tot Ion:	99	Resp:	902098
Ion Ratio	Lower	Upper	
99	100		
42	13.3	14.5	21.7#
71	28.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

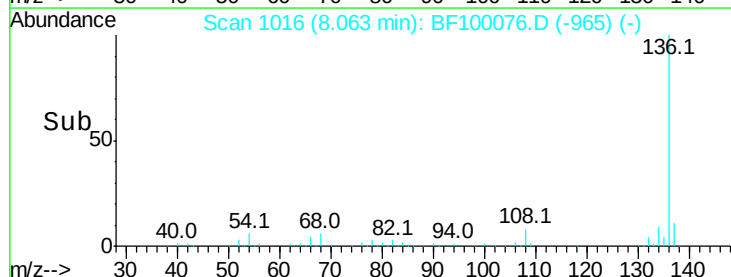
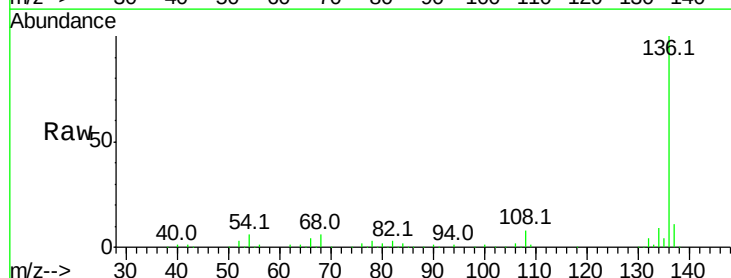
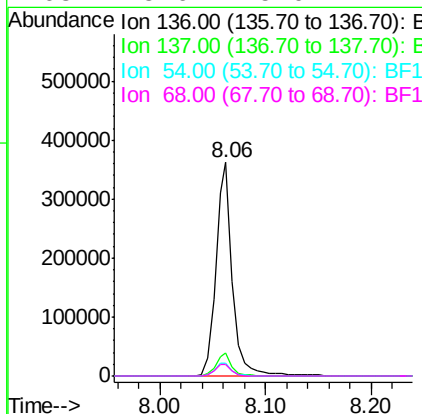
RT: 8.06 min Scan# 1016

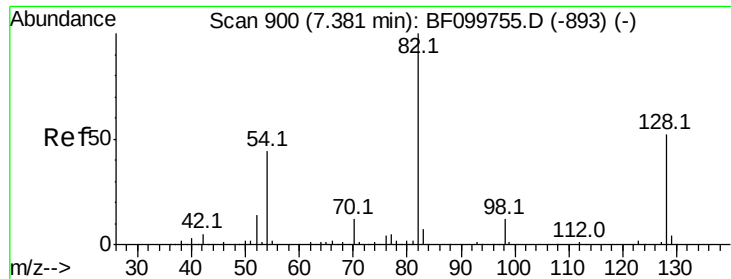
Delta R.T. -0.00 min

Lab File: BF100076.D

Acq: 2 Nov 2017 6:07

Tgt Ion:	136	Resp:	395641
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8#
68	5.6	5.0	7.4





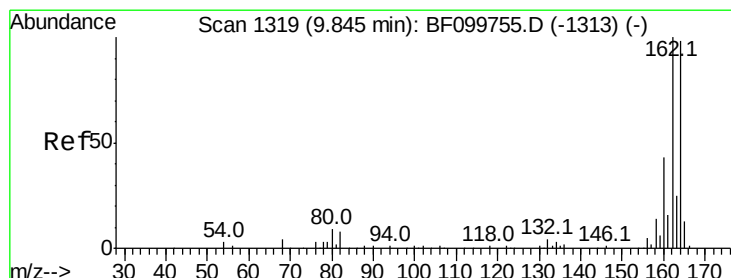
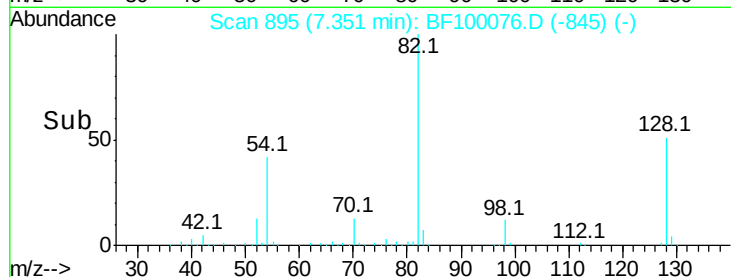
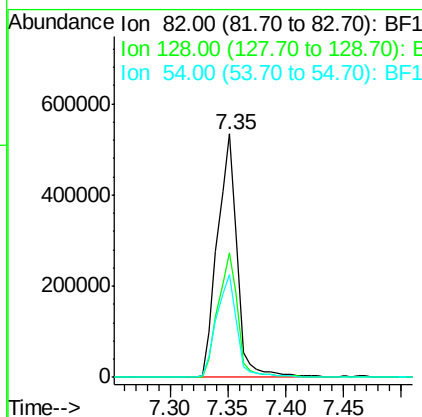
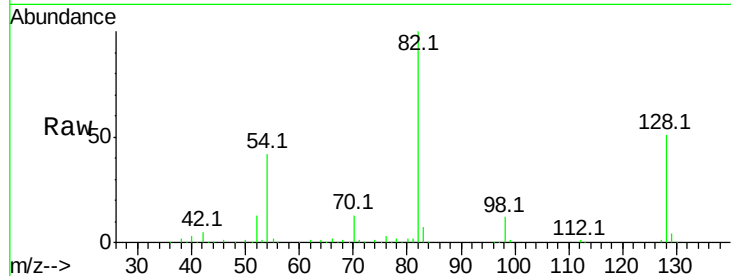
#23
Nitrobenzene-d5
Concen: 104.113 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	42.3	41.4	62.2

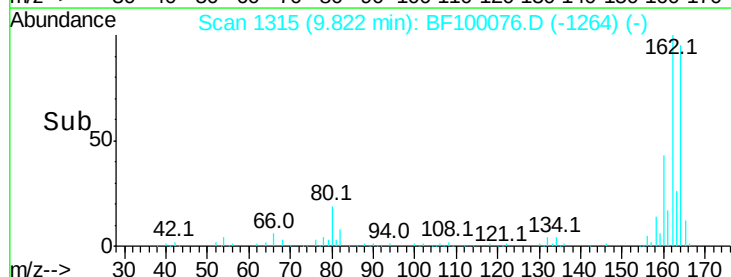
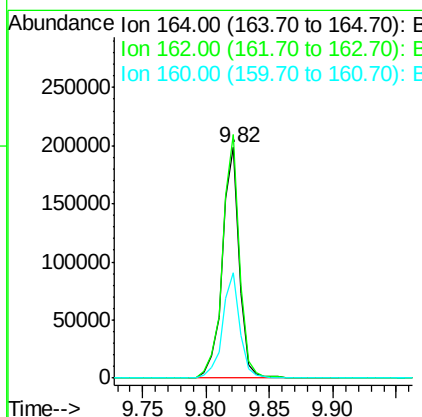
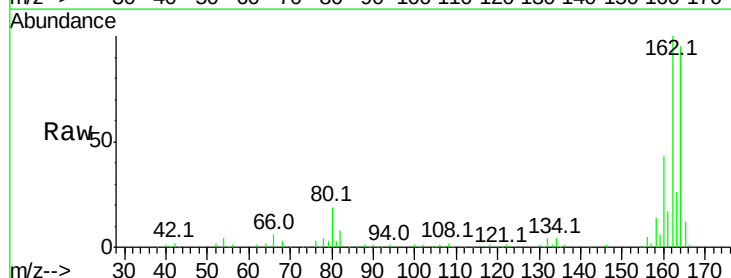
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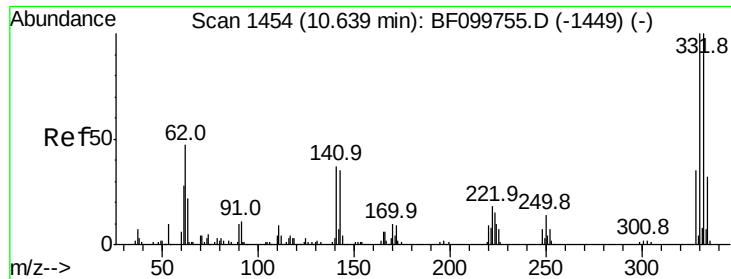
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 150.401 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100076.D

Acq: 2 Nov 2017 6:07

Instrument :

BNA_F

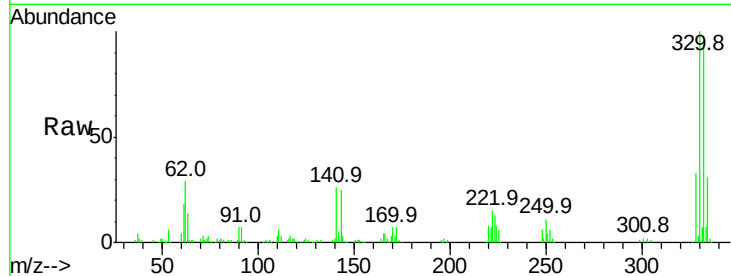
ClientSampled :

TP-2

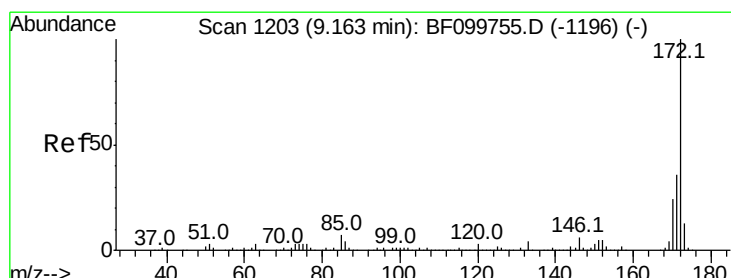
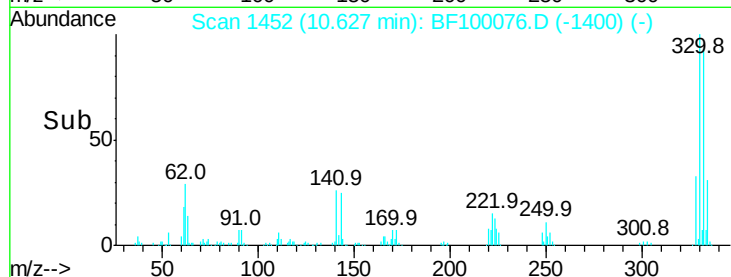
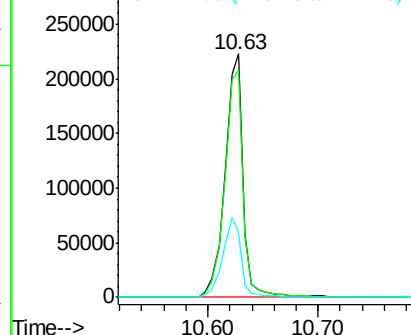
Tot Ion:	330	Resp:	253494
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	33.6	29.9	44.9

Manual Integrations
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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: 112.598 ng

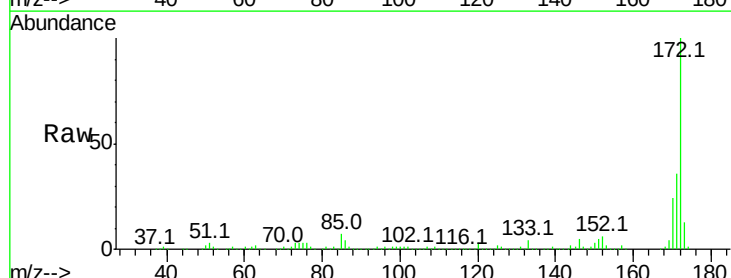
RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

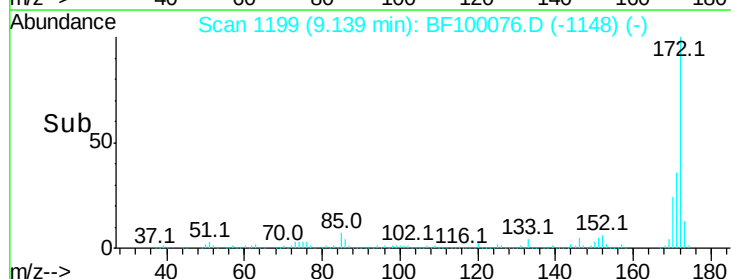
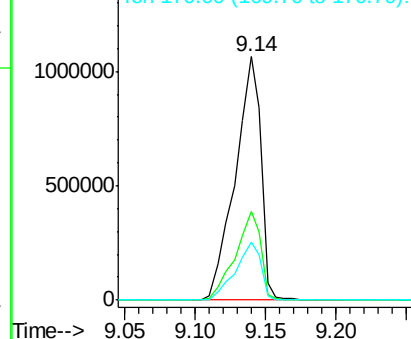
Lab File: BF100076.D

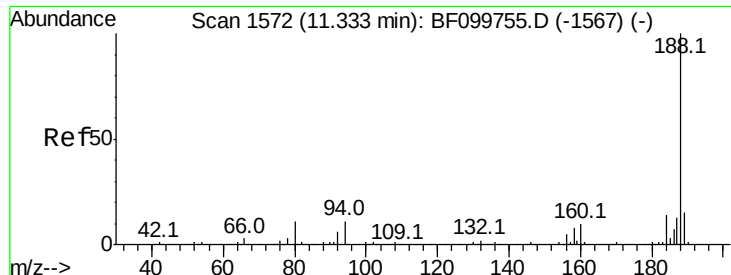
Acq: 2 Nov 2017 6:07

Tgt Ion:	172	Resp:	1349759
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.0	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





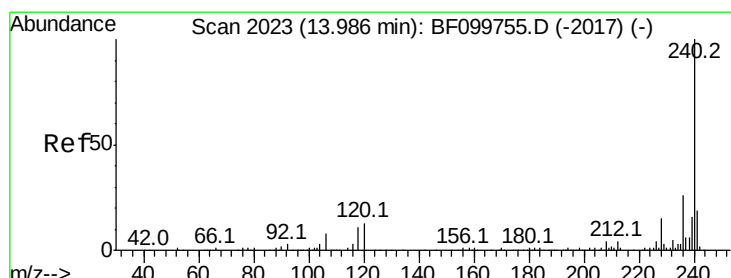
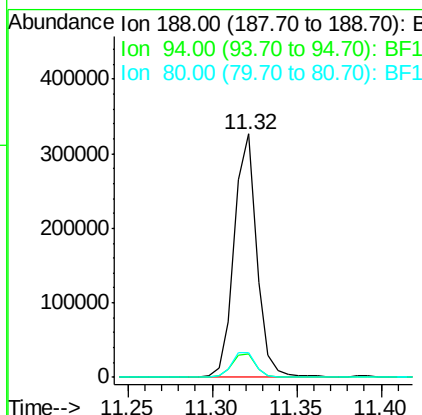
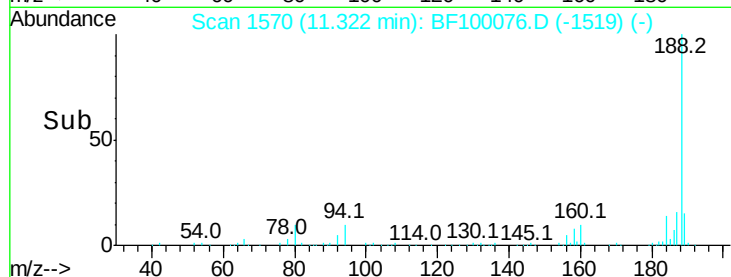
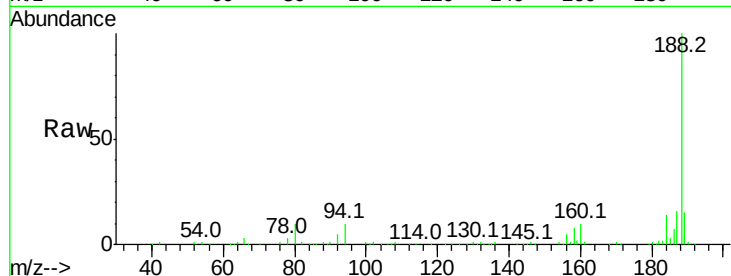
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8

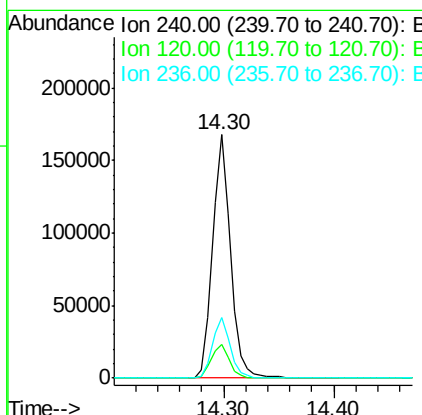
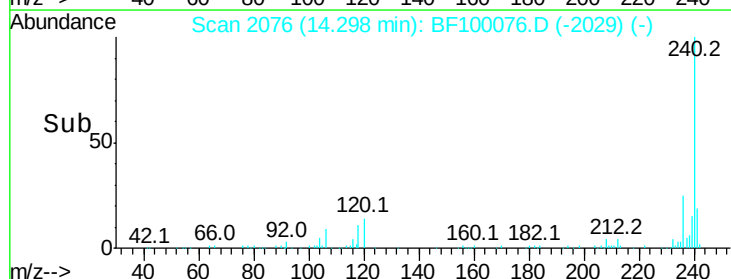
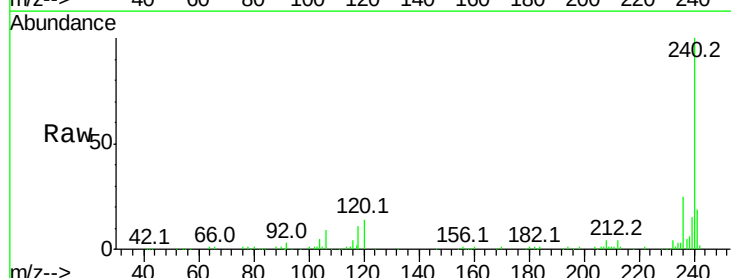
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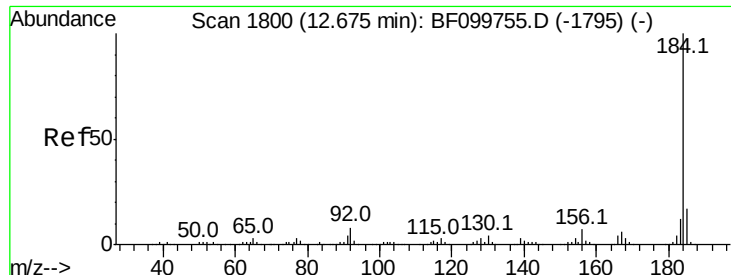
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.30 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	9.5	14.3
236	24.7	20.7	31.1





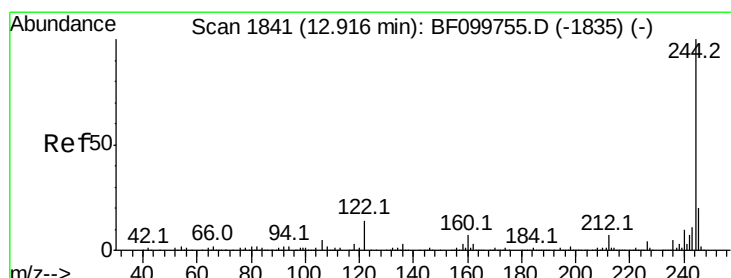
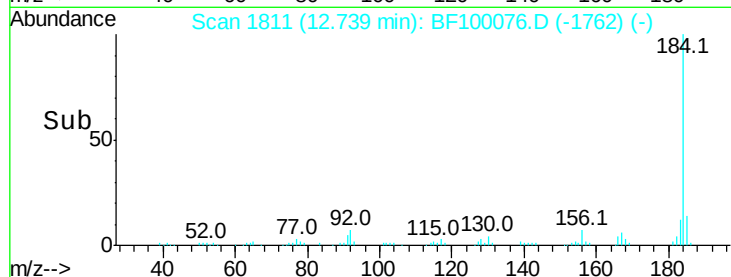
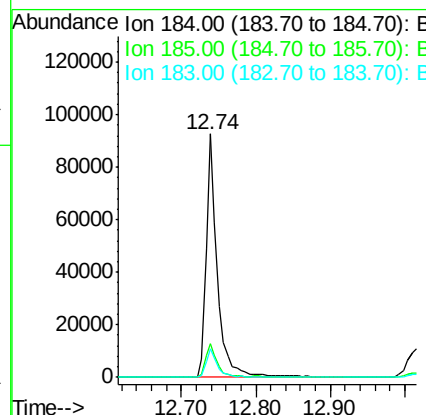
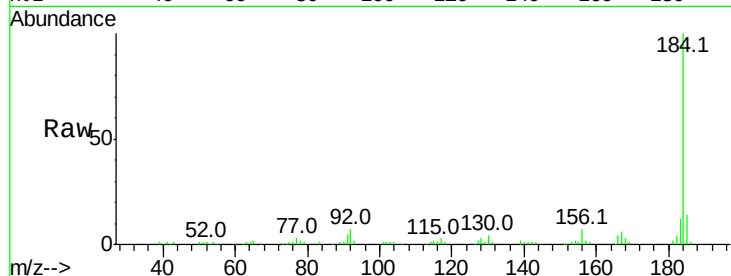
#76
Benzidine
Concen: 12.146 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.8	9.3	13.9

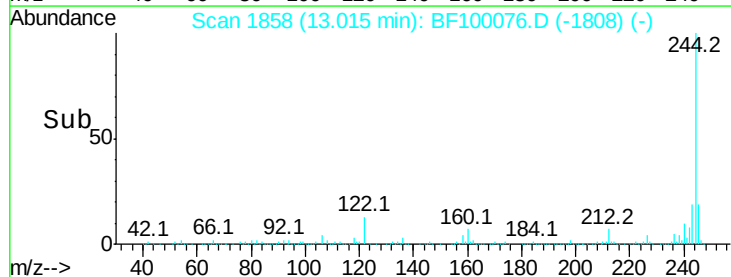
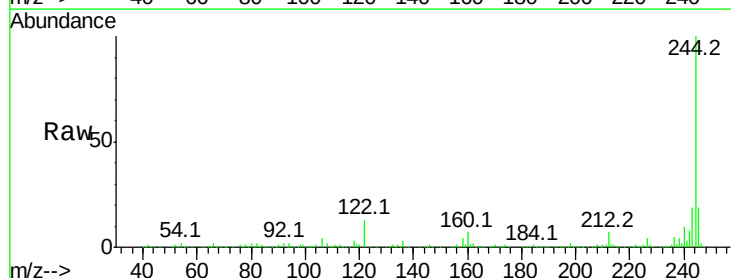
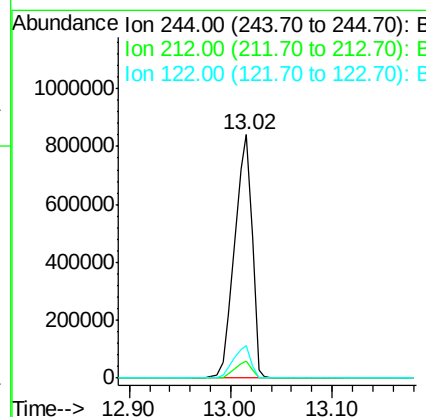
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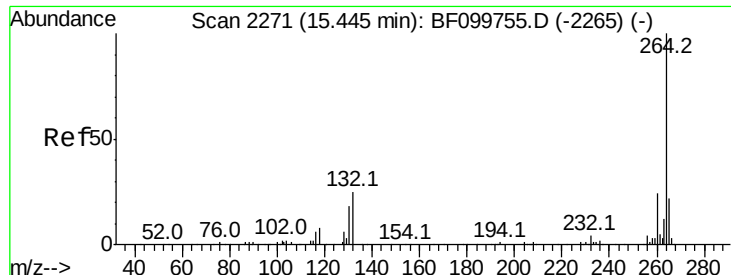
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#78
Terphenyl-d14
Concen: 118.138 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4





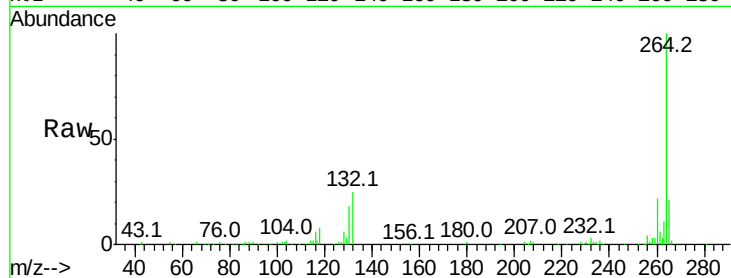
#86
Pervlene-d12
Concen: 20.000 ng
RT: 16.17 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BF100076.D
Acq: 2 Nov 2017 6:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	164540
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

