

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095432.D
 Acq On : 25 May 2017 19:51
 Operator : SJ/MA
 Sample : I3347-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11931/VNJ-208/153/341/132

Manual Integrations
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Quant Time: May 26 02:46:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	105042	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	422710	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	184330	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	284340	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	198699	20.00	ng	-0.02
86) Perylene-d12	20.35	264	170385	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	789986	125.39	ng	-0.03
7) Phenol-d6	7.29	99	937729	124.05	ng	-0.02
23) Nitrobenzene-d5	8.65	82	539525	80.48	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	171973	113.92	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	990921	77.38	ng	-0.02
78) Terphenyl-d14	17.32	244	563184	62.43	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	294267	19.45	ng	99
70) Phenanthrene	15.05	178	45539	2.79	ng	94
74) Fluoranthene	16.79	202	91940	5.49	ng	97
77) Pyrene	17.09	202	90731	6.11	ng	94
80) Benzo(a)anthracene	18.67	228	38454	3.33	ng	94
82) Chrysene	18.71	228	39445	3.53	ng	100
87) Benzo(b)fluoranthene	19.95	252	35511m	3.37	ng	
89) Benzo(a)pyrene	20.31	252	30800	3.17	ng	# 97
91) Benzo(g,h,i)perylene	22.09	276	17119	2.17	ng	# 91

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

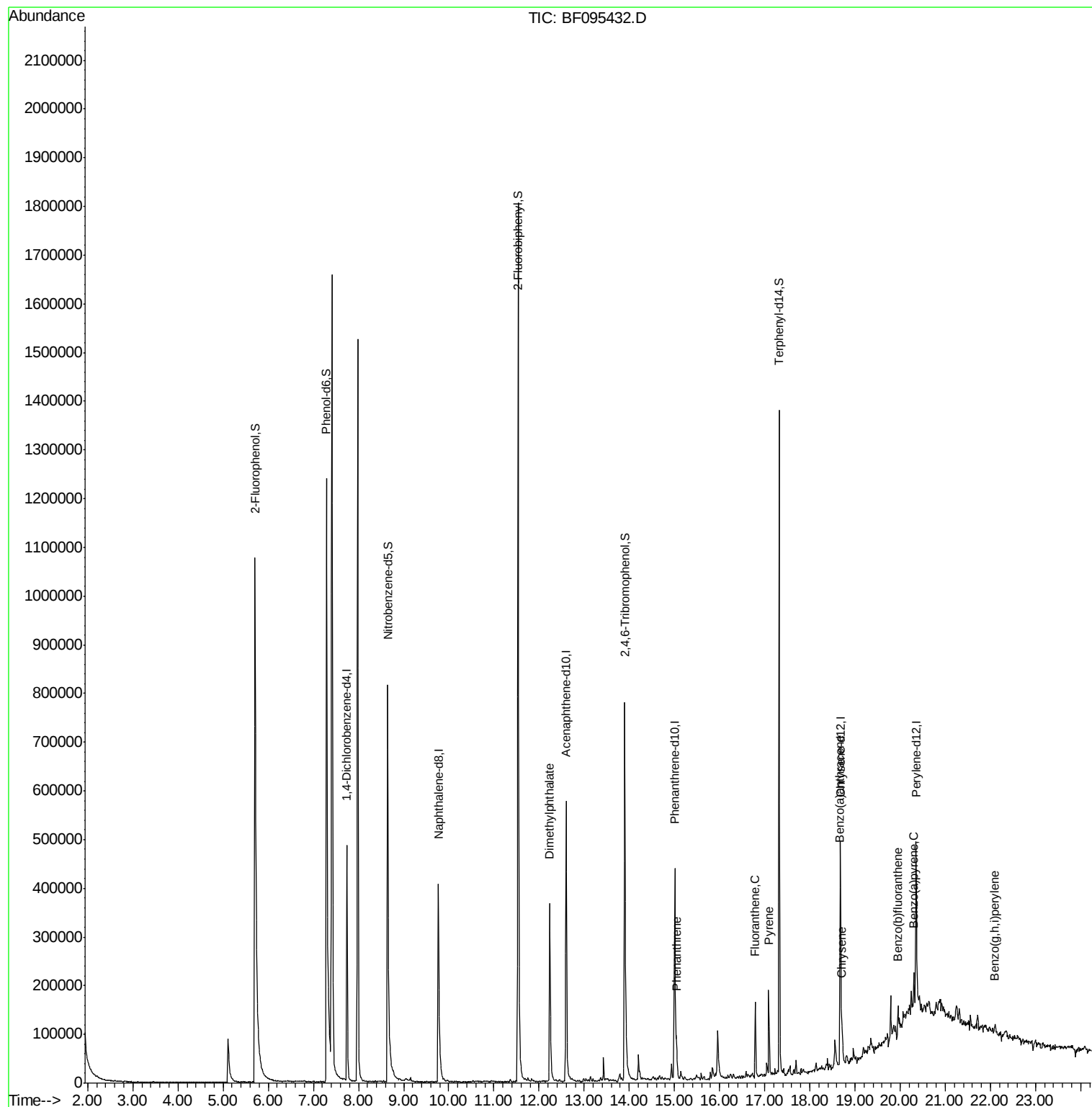
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

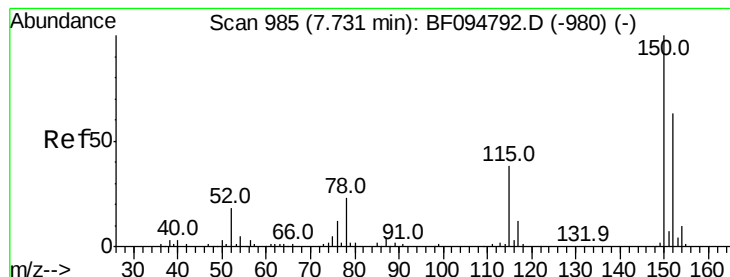
Instrument :
BNA_F
ClientSampleId :
72-11931/VNJ-208/153/341/132

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095432.D

Acq: 25 May 2017 19:51

Instrument :

BNA_F

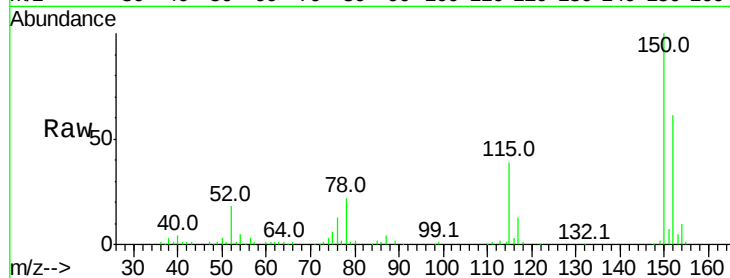
ClientSampleId :

72-11931/VNJ-208/153/341/132

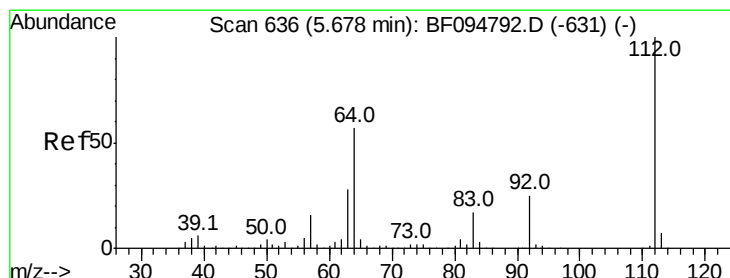
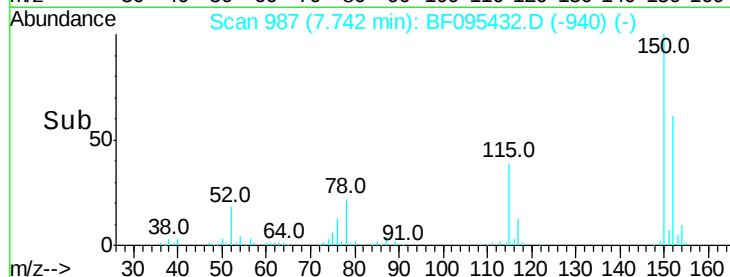
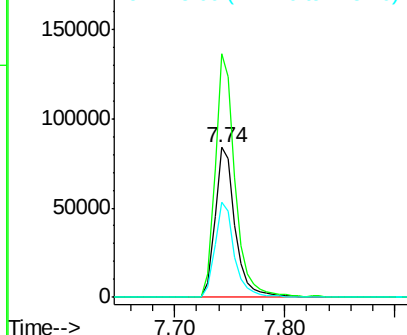
Tot Ion:	152	Resp:	105042
Ion Ratio	Lower	Upper	
152	100		
150	162.7	126.2	189.2
115	63.2	52.2	78.2

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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



#5

2-Fluorophenol

Concen: 125.39 ng

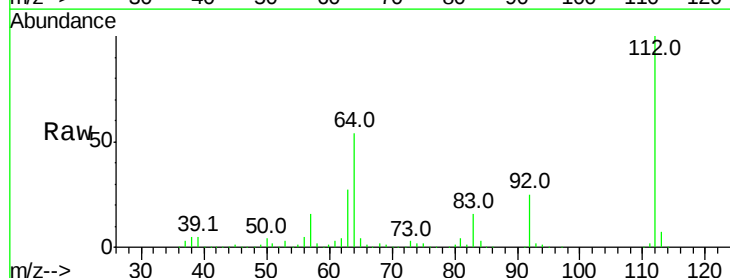
RT: 5.71 min Scan# 641

Delta R.T. -0.03 min

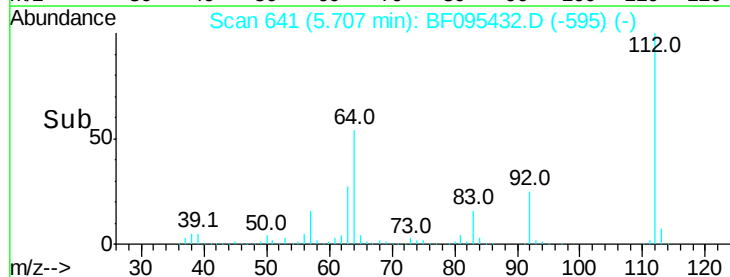
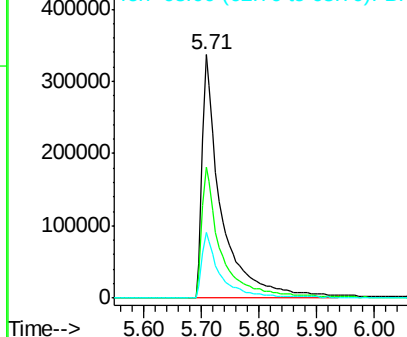
Lab File: BF095432.D

Acq: 25 May 2017 19:51

Tgt Ion:	112	Resp:	789986
Ion Ratio	Lower	Upper	
112	100		
64	54.0	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.05 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095432.D

Acq: 25 May 2017 19:51

Instrument :

BNA_F

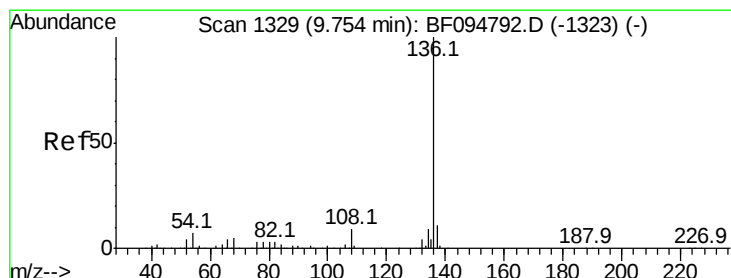
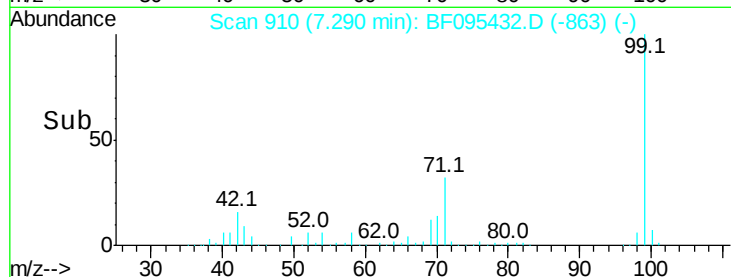
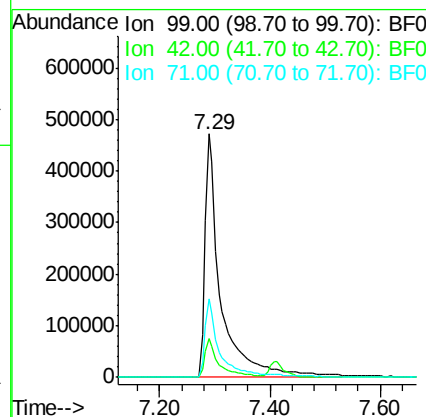
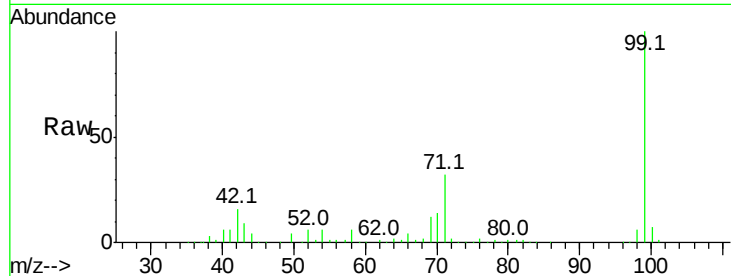
ClientSampleId :

72-11931/VNJ-208/153/341/132

Tot Ion:	99	Resp:	937729
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	32.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

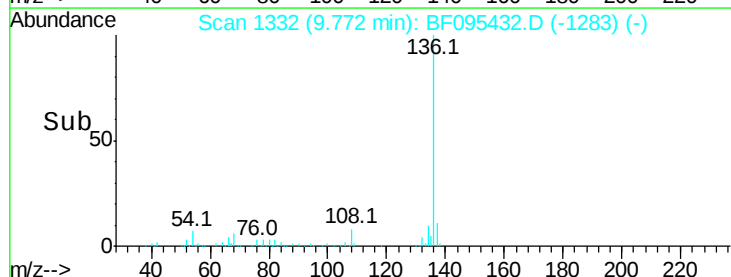
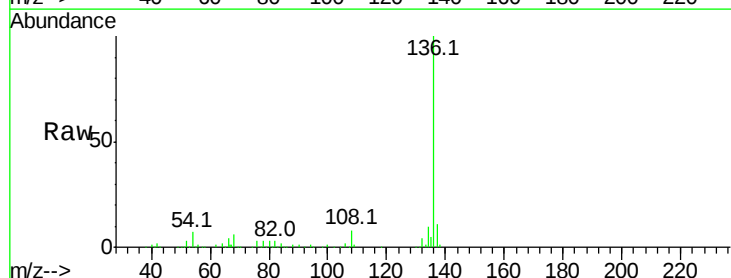
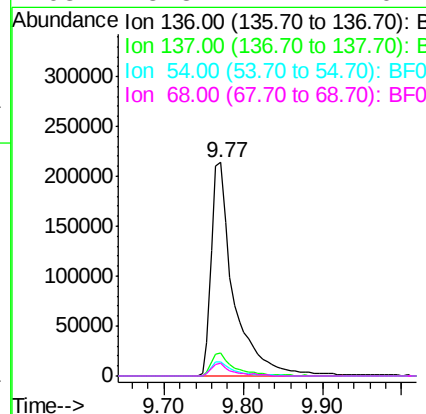
RT: 9.77 min Scan# 1332

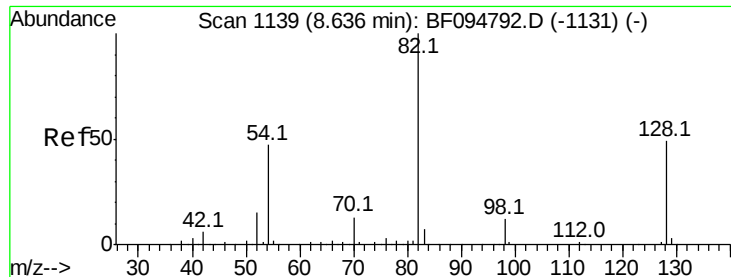
Delta R.T. -0.01 min

Lab File: BF095432.D

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Tgt Ion:	136	Resp:	422710
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.5	4.9	7.3
68	5.8	4.1	6.1





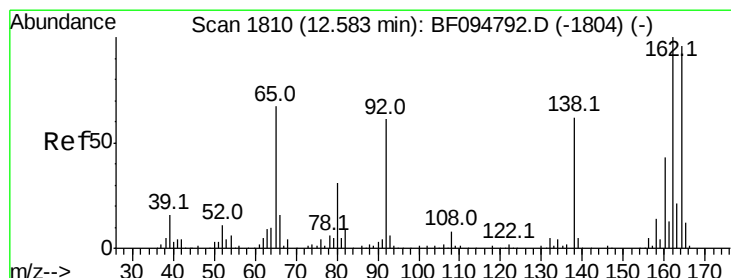
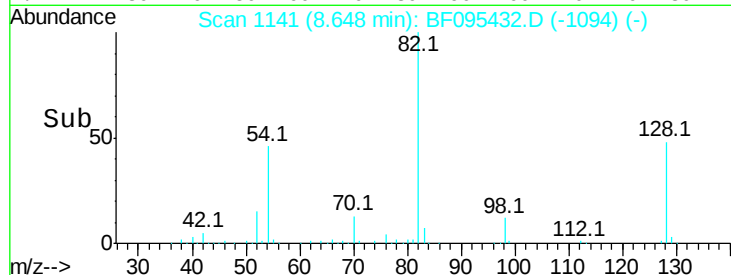
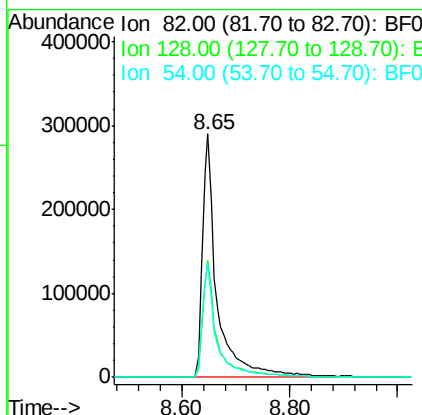
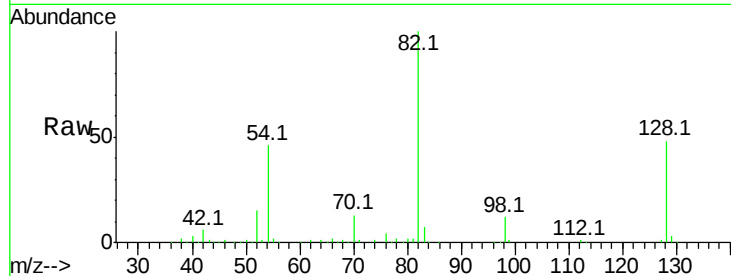
#23
Nitrobenzene-d5
Concen: 80.48 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Instrument :
BNA_F
ClientSampleId :
72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	46.2	42.2	63.2

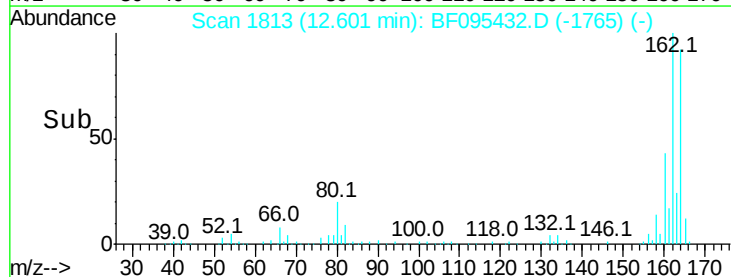
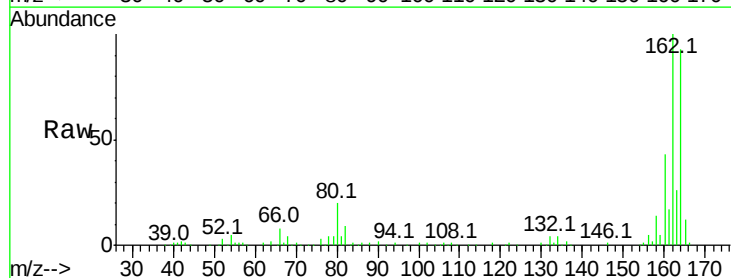
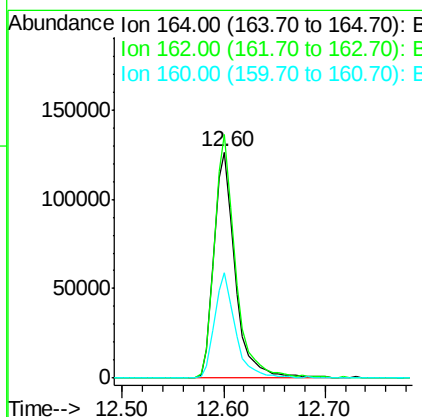
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.6	123.8
160	46.5	36.2	54.2





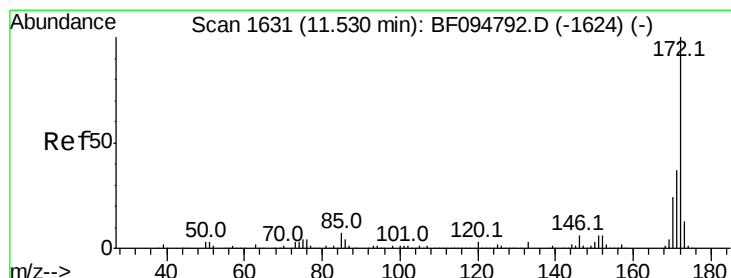
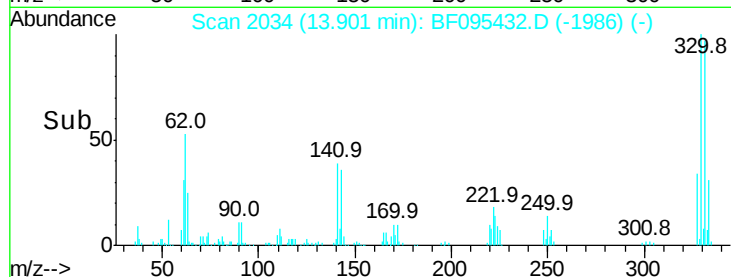
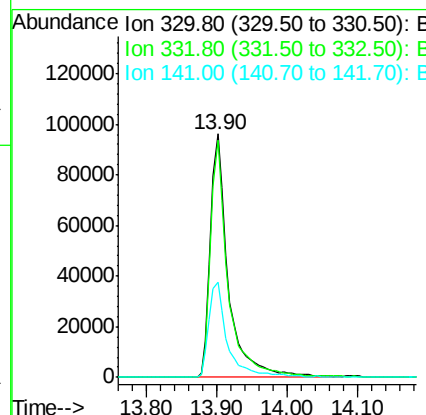
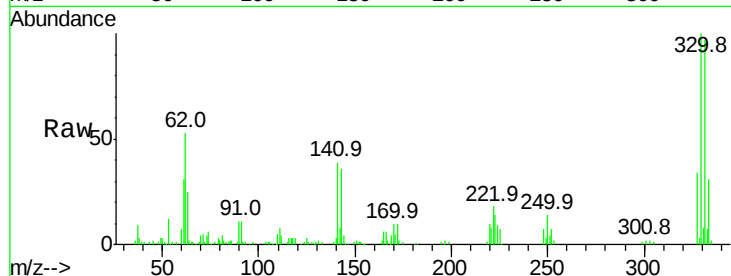
#41
 2,4,6-Tribromophenol
 Concen: 113.92 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095432.D
 Acq: 25 May 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	76.6	115.0	
141	40.1	31.4	47.2	

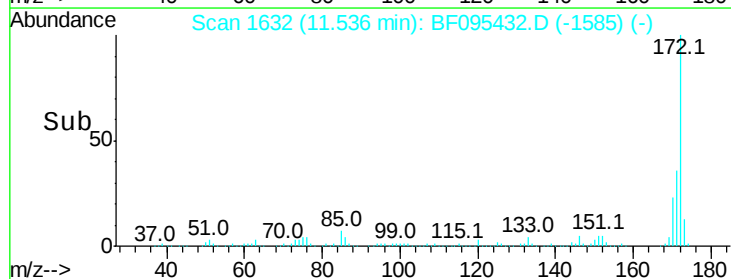
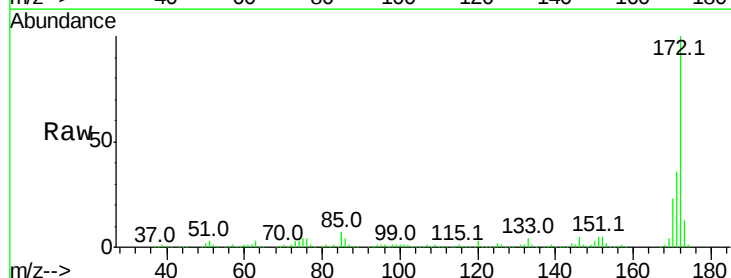
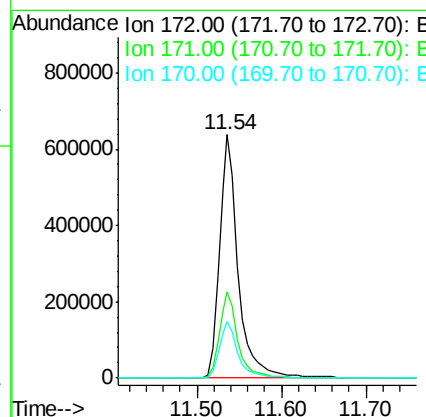
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#44
 2-Fluorobiphenyl
 Concen: 77.38 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095432.D
 Acq: 25 May 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.1	19.8	29.8	





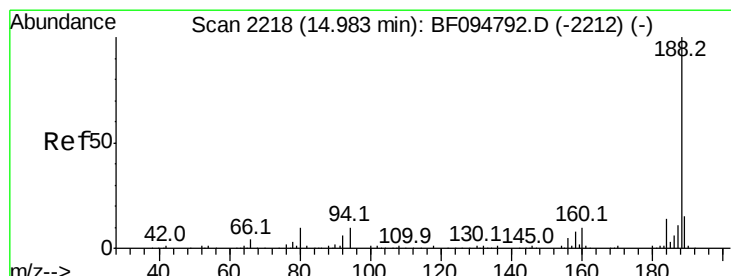
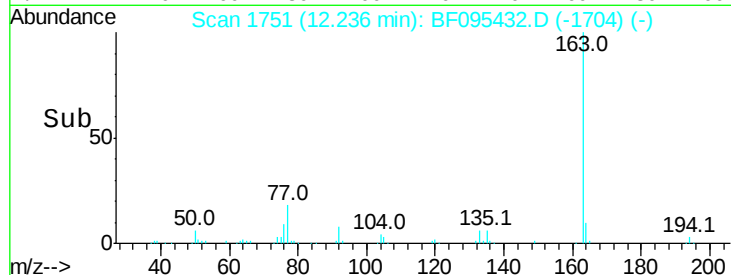
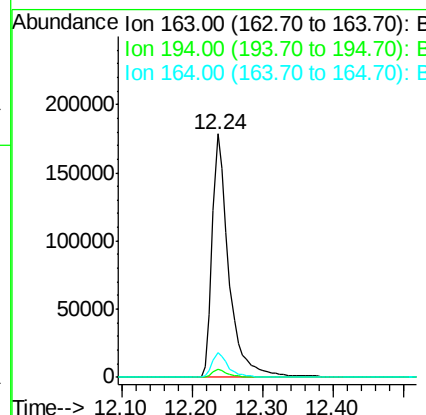
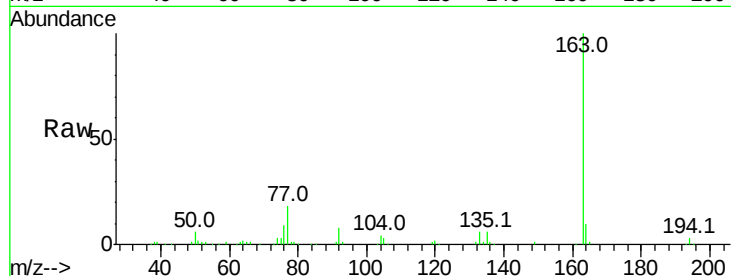
#49
Dimethylphthalate
Concen: 19.45 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Instrument :
BNA_F
ClientSampleId :
72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Resp	Lower	Upper
163	100	294267		
194	3.1		2.6	4.0
164	10.2		8.4	12.6

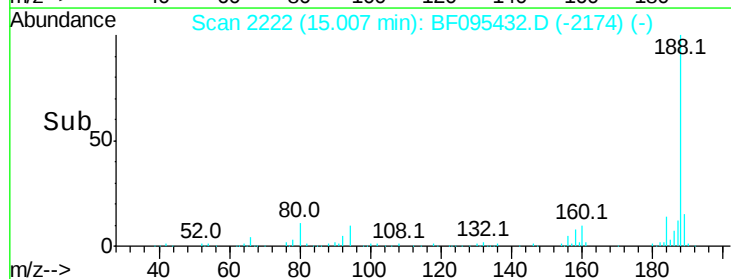
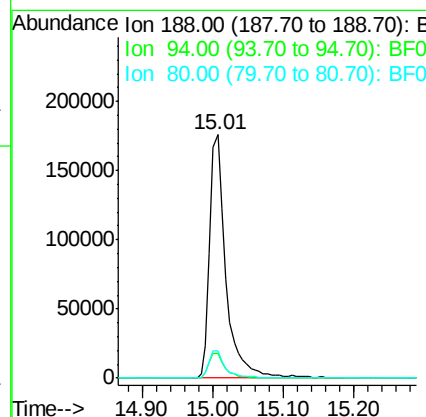
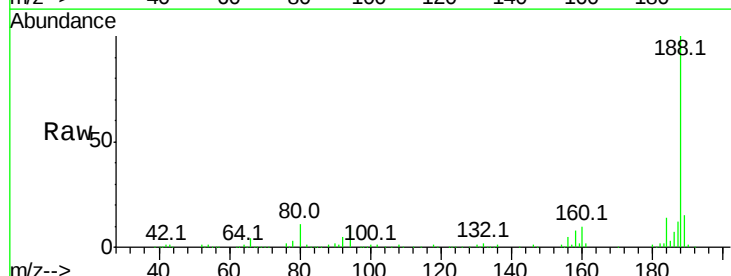
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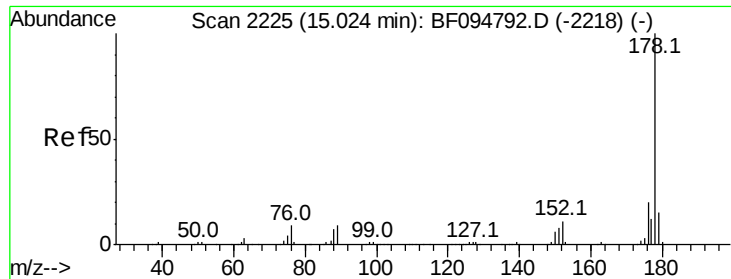
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095432.D
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	284340		
94	10.4		9.4	14.2
80	11.3		10.2	15.2





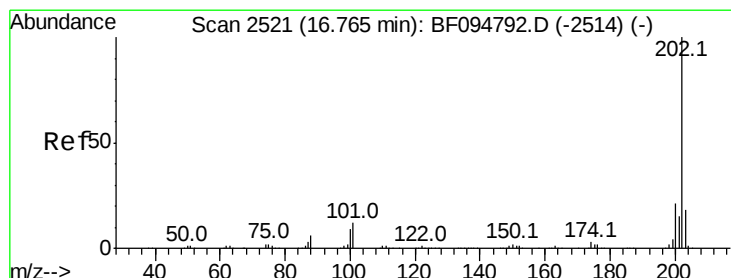
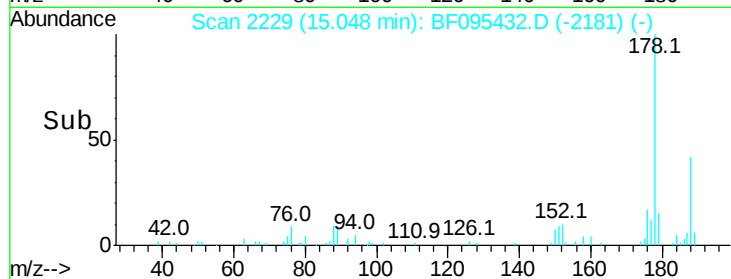
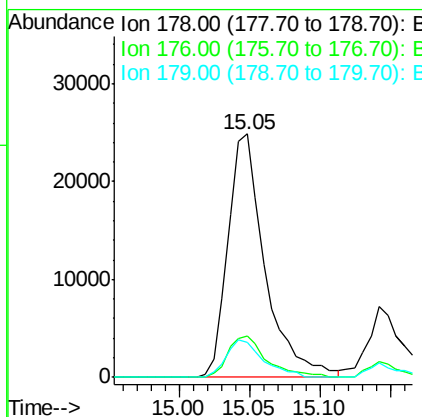
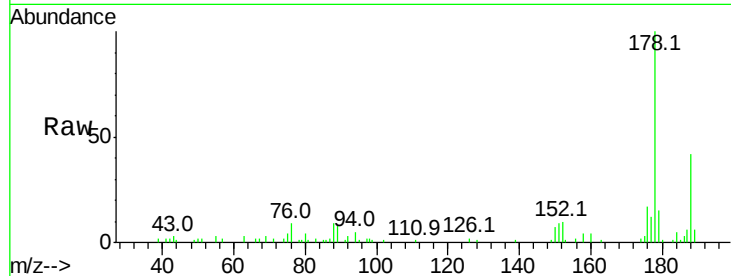
#70
Phenanthrene
Concen: 2.79 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Instrument :
BNA_F
ClientSampleId :
72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.2	24.4
179	14.6	12.6	19.0

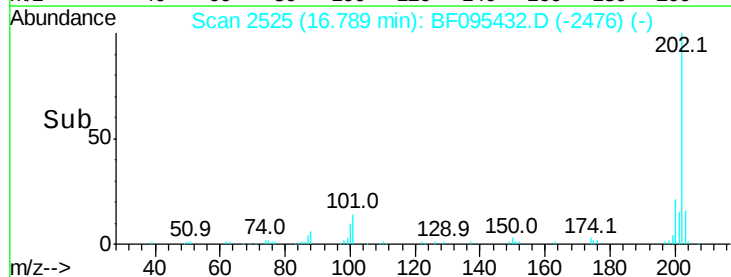
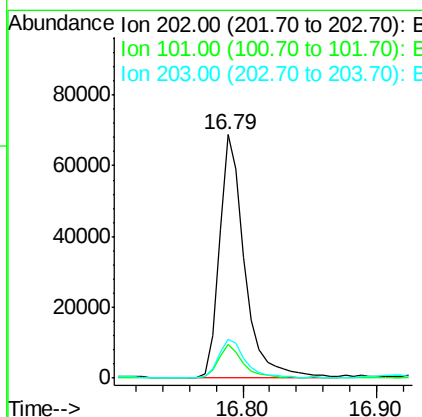
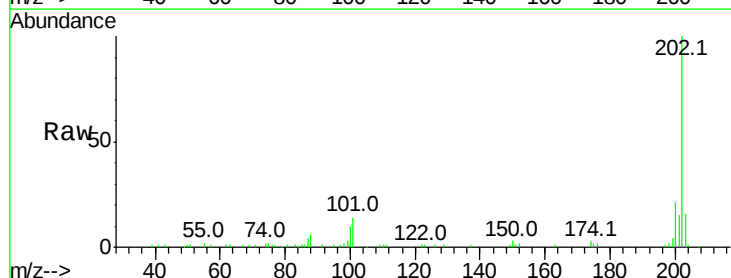
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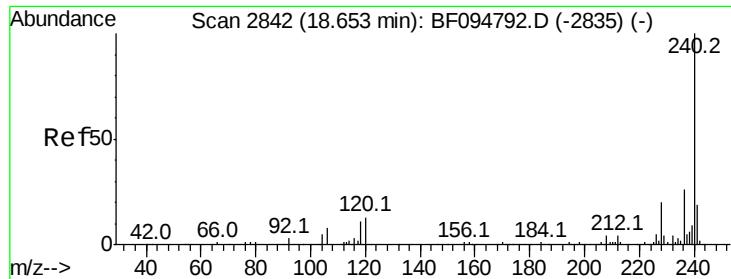
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#74
Fluoranthene
Concen: 5.49 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	16.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095432.D

Acq: 25 May 2017 19:51

Instrument :

BNA_F

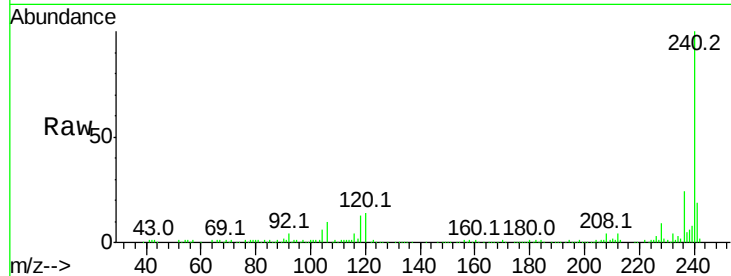
ClientSampleId :

72-11931/VNJ-208/153/341/132

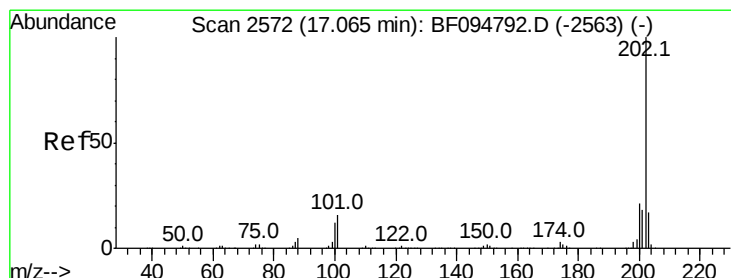
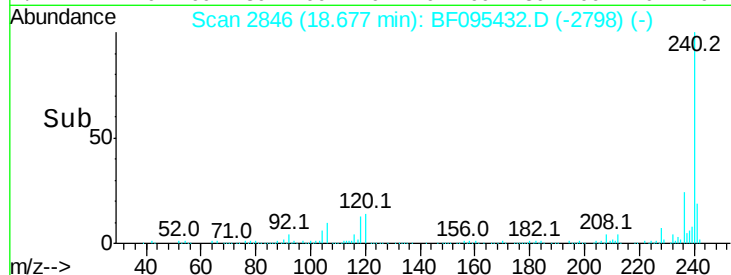
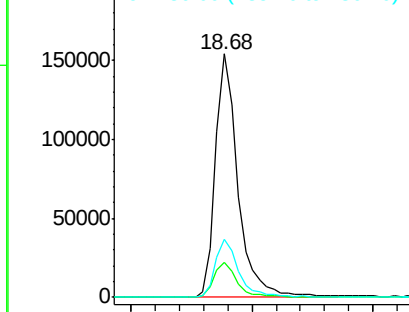
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	23.7	20.5	30.7

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.11 ng

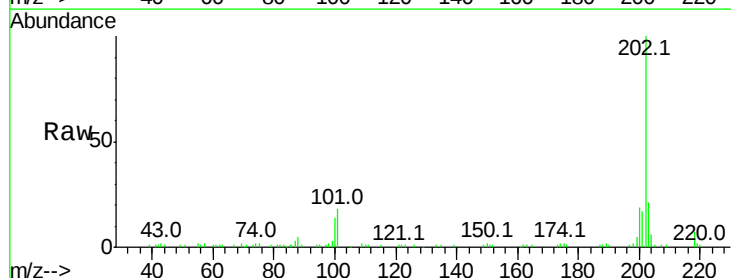
RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

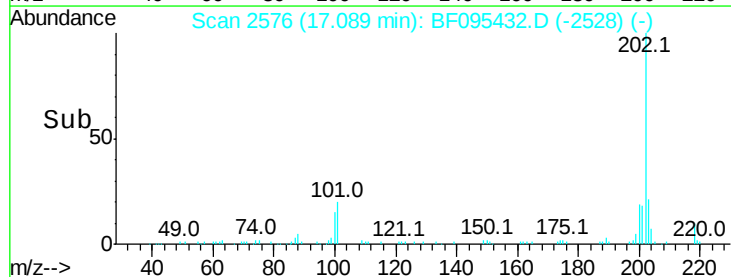
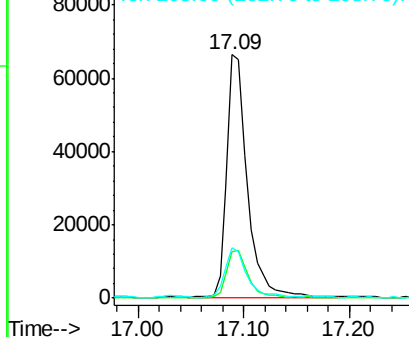
Lab File: BF095432.D

Acq: 25 May 2017 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.6	26.4
203	20.7	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.43 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BF095432.D

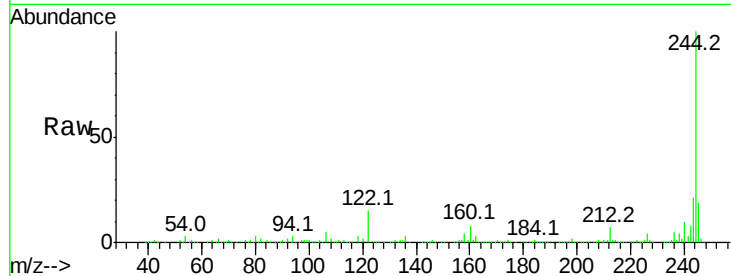
Acq: 25 May 2017 19:51

Instrument :

BNA_F

ClientSampleId :

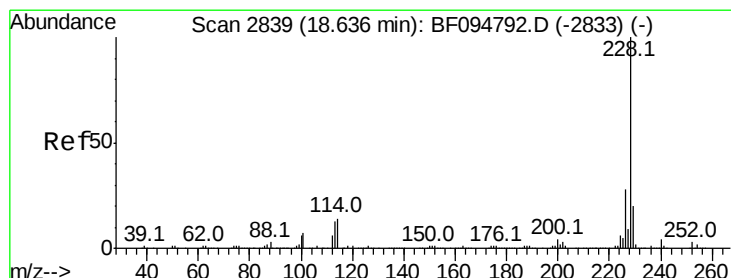
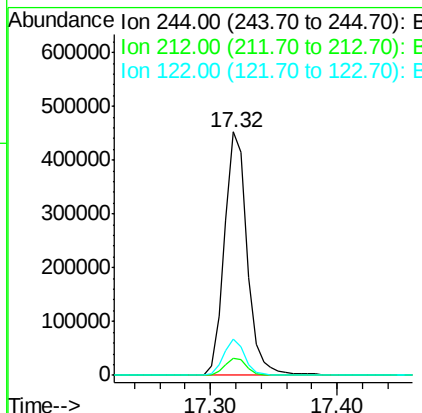
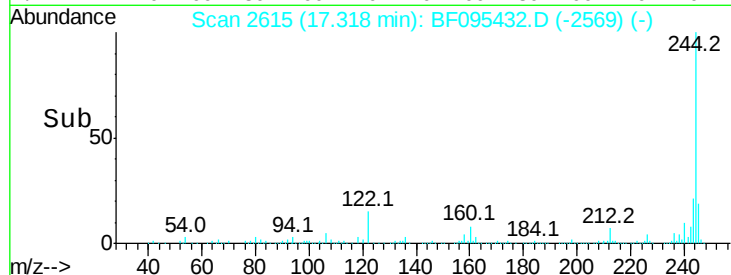
72-11931/VNJ-208/153/341/132



Tot Ion:	244	Resp:	563184
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	14.9	10.3	15.5

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#80

Benzo(a)anthracene

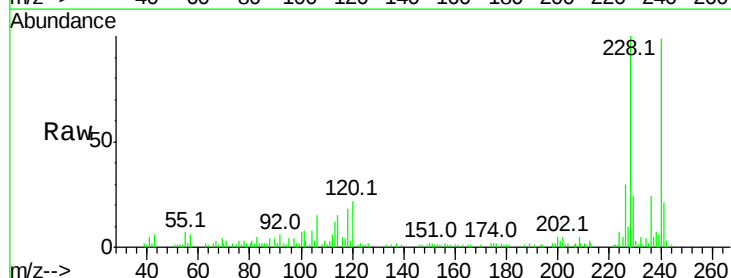
Concen: 3.33 ng

RT: 18.67 min Scan# 2844

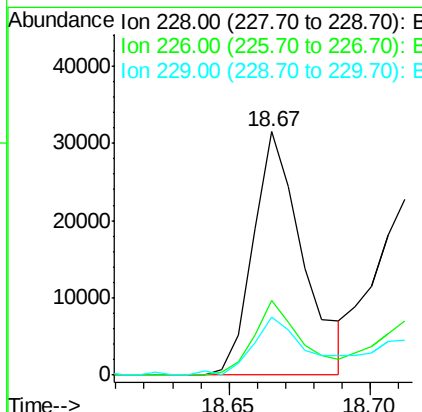
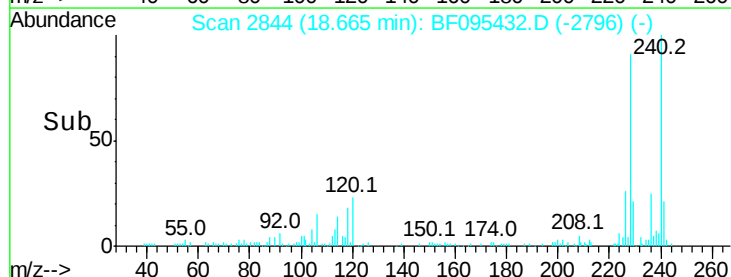
Delta R.T. -0.02 min

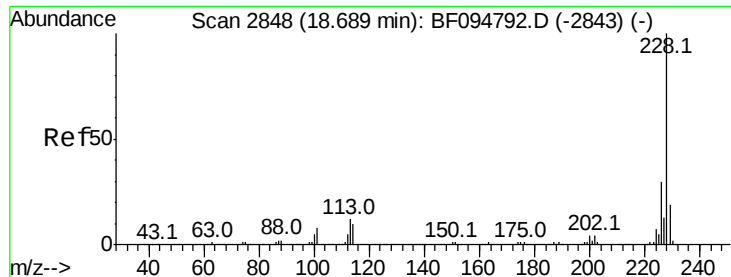
Lab File: BF095432.D

Acq: 25 May 2017 19:51



Tgt Ion:	228	Resp:	38454
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	33.8
229	24.0	16.3	24.5





#82

Chrysene

Concen: 3.53 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BF095432.D

Acq: 25 May 2017 19:51

Instrument :

BNA_F

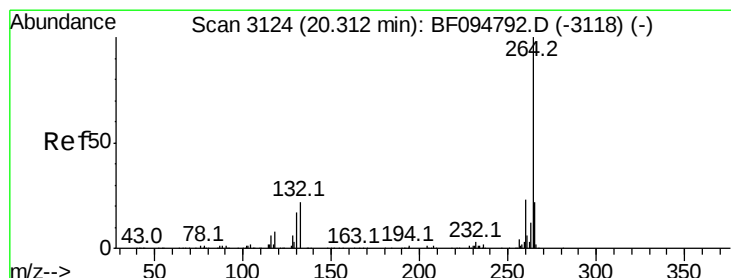
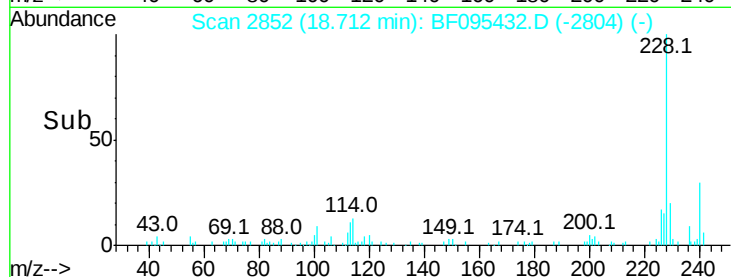
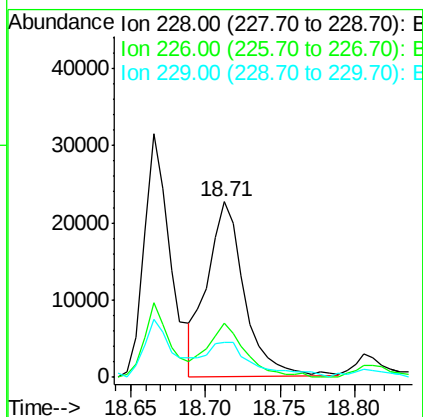
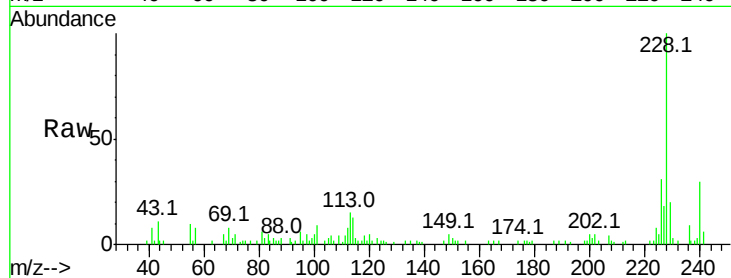
ClientSampleId :

72-11931/VNJ-208/153/341/132

Tot Ion:	228	Resp:	39445
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	19.6	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

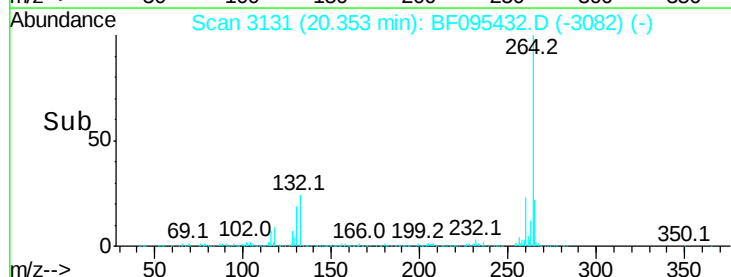
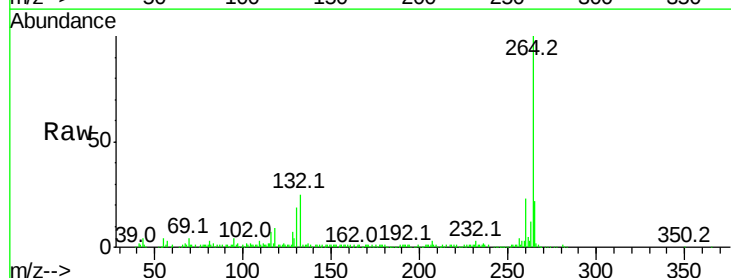
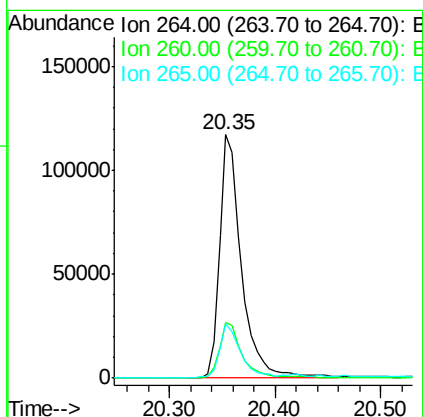
RT: 20.35 min Scan# 3131

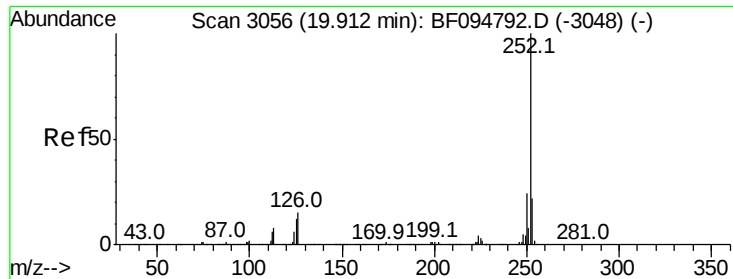
Delta R.T. -0.01 min

Lab File: BF095432.D

Acq: 25 May 2017 19:51

Tgt Ion:	264	Resp:	170385
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	22.3	17.2	25.8





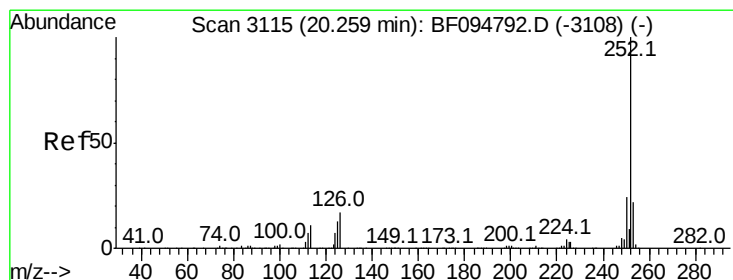
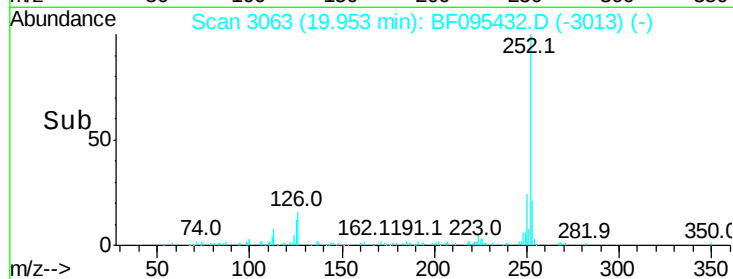
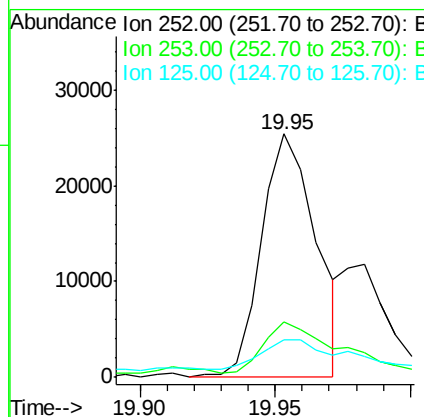
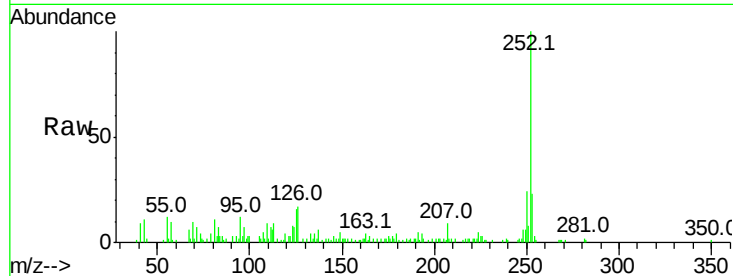
#87
Benzo(b)fluoranthene
Concen: 3.37 ng m
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Instrument :
BNA_F
ClientSampleId :
72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Resp	Lower	Upper
252	100	35511		
253	22.8	18.1	27.1	
125	15.6	9.8	14.8	

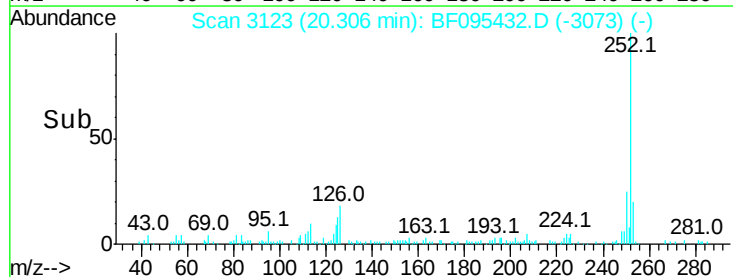
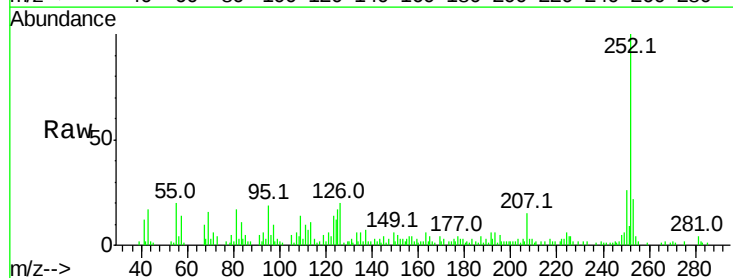
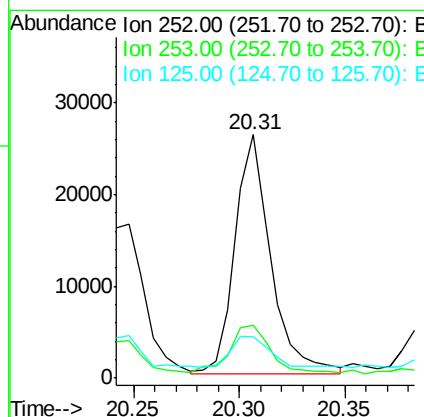
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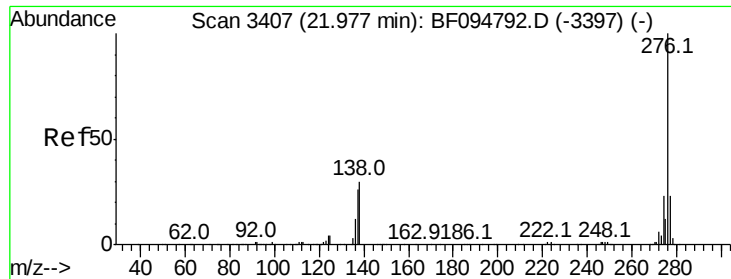
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#89
Benzo(a)pyrene
Concen: 3.17 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095432.D
Acq: 25 May 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30800		
253	22.0	17.5	26.3	
125	16.8	11.0	16.4	





#91
 Benzo(a,h,i)perylene
 Concen: 2.17 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.01 min
 Lab File: BF095432.D
 Acq: 25 May 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 72-11931/VNJ-208/153/341/132

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	40.1	25.4	38.0

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