

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095473.D
 Acq On : 26 May 2017 21:47
 Operator : SJ/MA
 Sample : I3244-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-0-6

Manual Integrations
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Quant Time: May 27 04:32:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100427	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	369121	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	159749	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	247562	20.00	ng	0.00
75) Chrysene-d12	18.68	240	203623	20.00	ng	0.00
86) Perylene-d12	20.35	264	153509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	645120	107.10	ng	0.00
7) Phenol-d6	7.29	99	772675	106.91	ng	0.00
23) Nitrobenzene-d5	8.65	82	414253	70.77	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	117123	89.52	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	659038	59.38	ng	0.00
78) Terphenyl-d14	17.32	244	381389	41.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.24	163	97936	7.47	ng	Qvalue 97
70) Phenanthrene	15.04	178	73740	5.18	ng	97
74) Fluoranthene	16.79	202	111233	7.62	ng	97
77) Pyrene	17.09	202	102452	6.73	ng	# 95
80) Benzo(a)anthracene	18.67	228	42903m	3.62	ng	
82) Chrysene	18.71	228	48283	4.21	ng	99
87) Benzo(b)fluoranthene	19.95	252	35539m	3.75	ng	
88) Benzo(k)fluoranthene	19.98	252	18632m	2.04	ng	
89) Benzo(a)pyrene	20.30	252	28689	3.28	ng	# 92

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

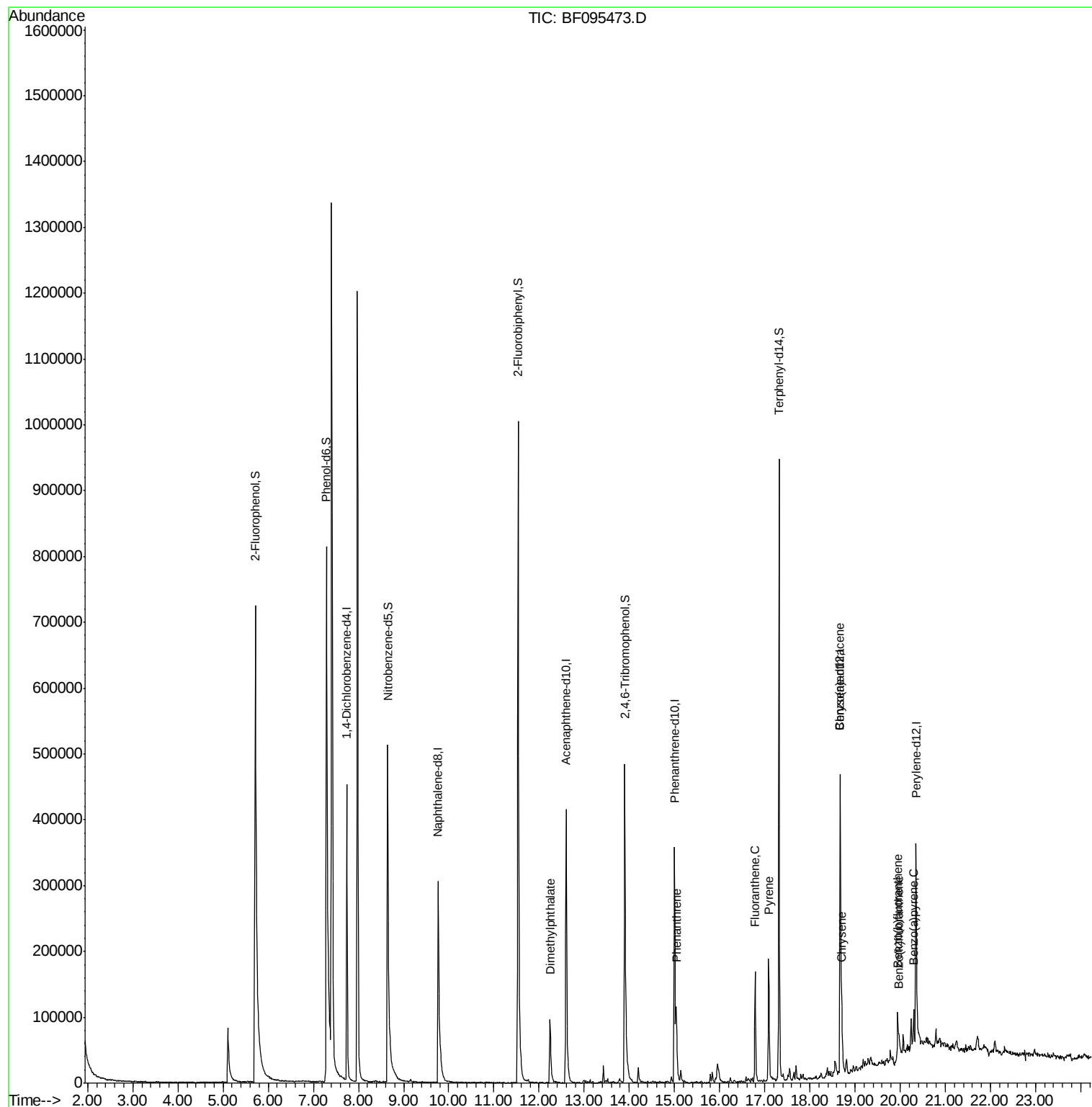
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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#1

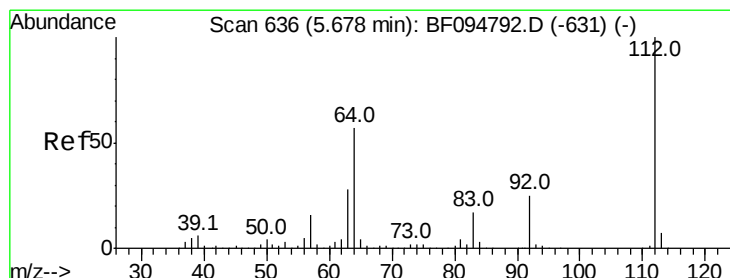
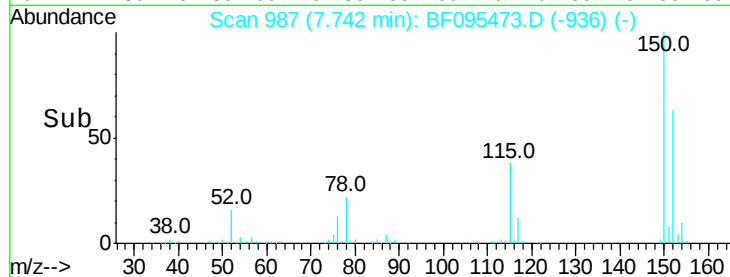
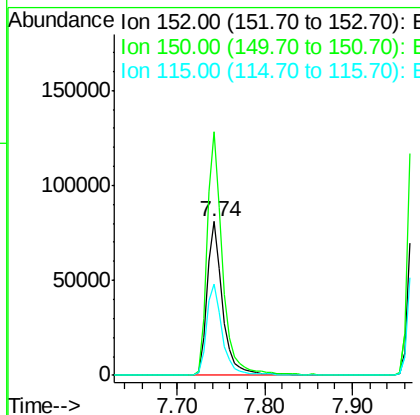
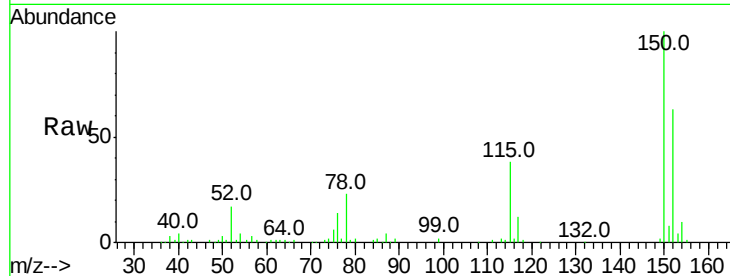
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	59.8	52.2	78.2

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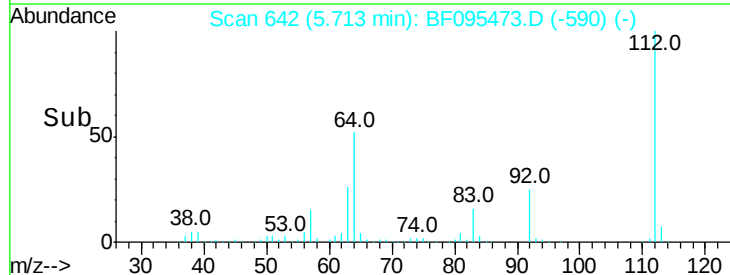
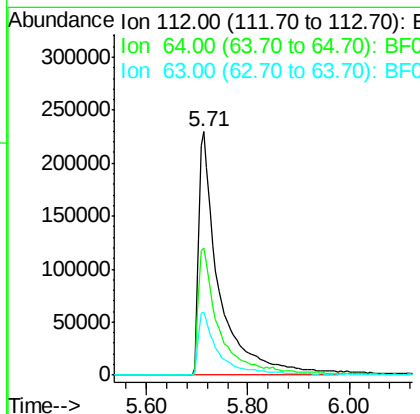
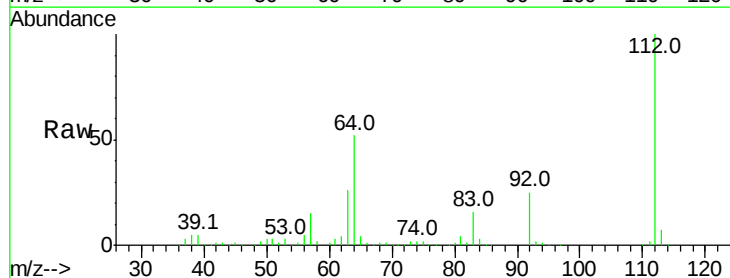
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#5

2-Fluorophenol
Concen: 107.10 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	26.0	23.4	35.0





#7

Phenol-d6

Concen: 106.91 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Instrument :

BNA_F

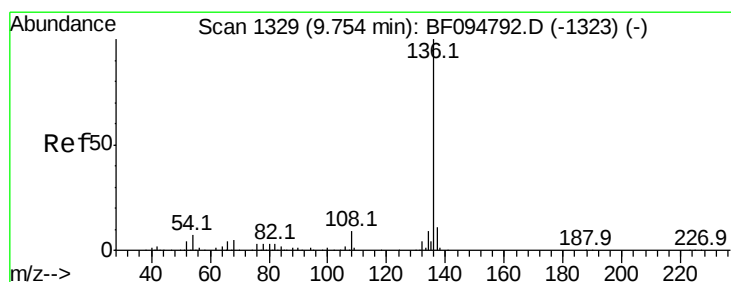
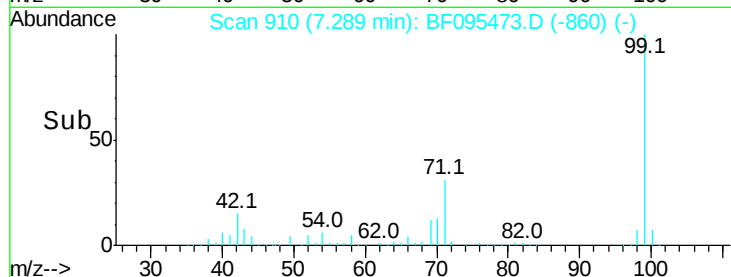
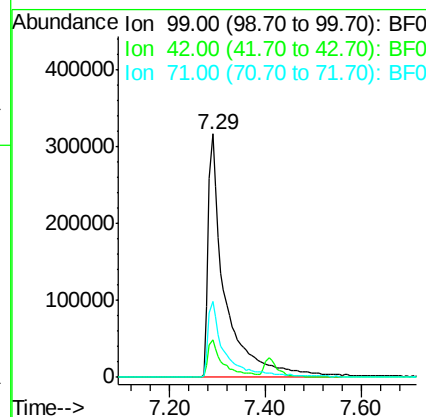
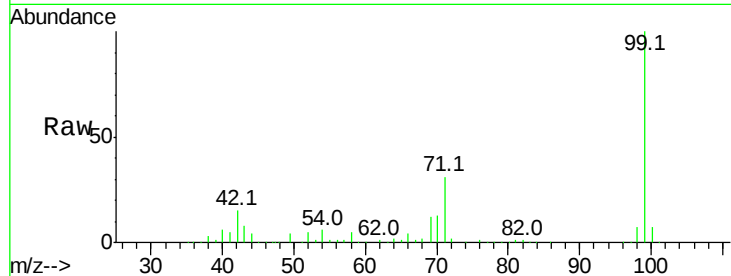
ClientSampleId :

NM4-COMP-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		772675		
42	15.2	13.5	20.3		
71	31.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

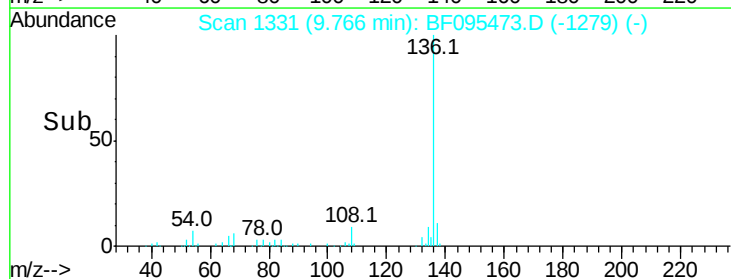
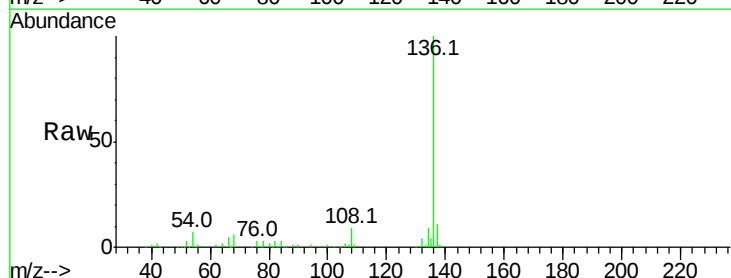
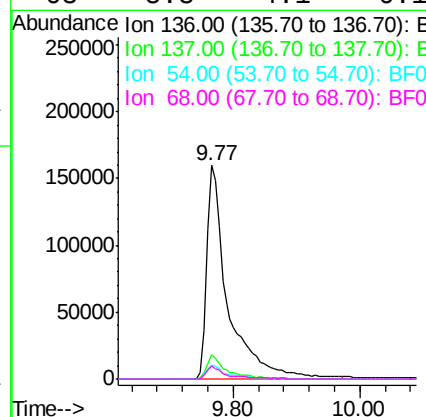
RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		369121		
137	11.1	8.5	12.7		
54	6.7	4.9	7.3		
68	5.8	4.1	6.1		





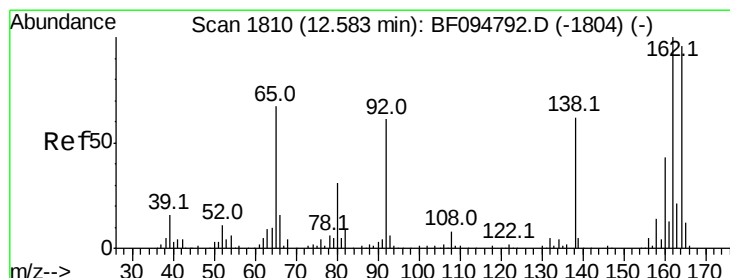
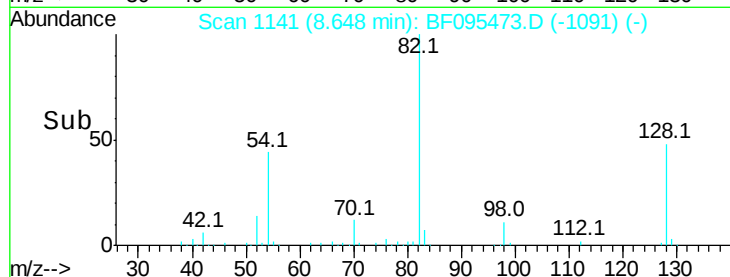
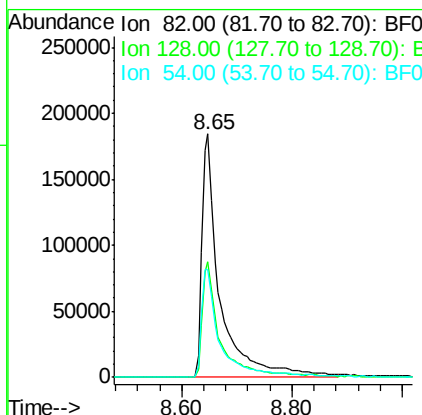
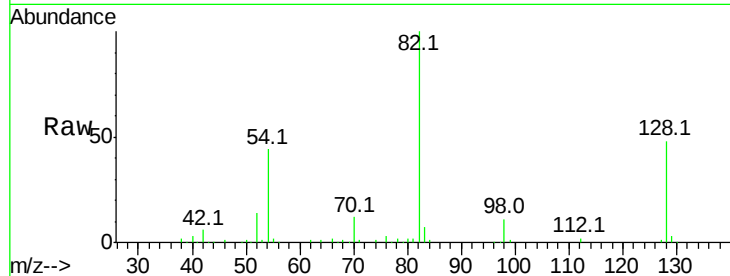
#23
Nitrobenzene-d5
Concen: 70.77 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	44.5	42.2	63.2

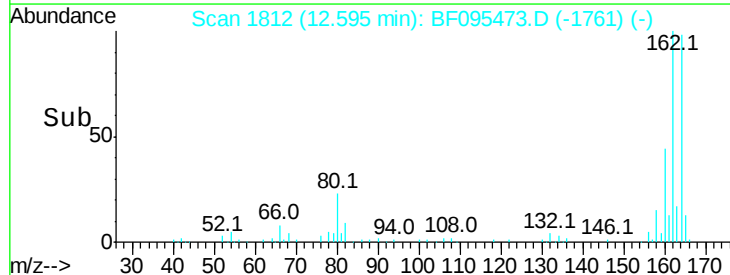
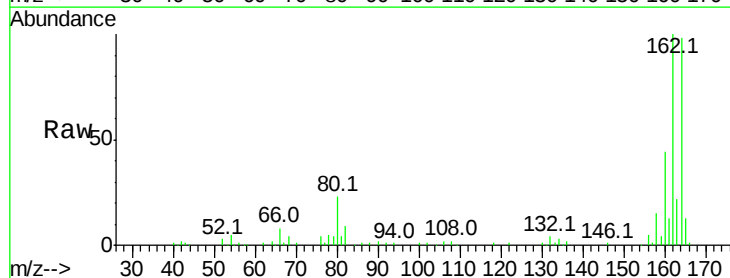
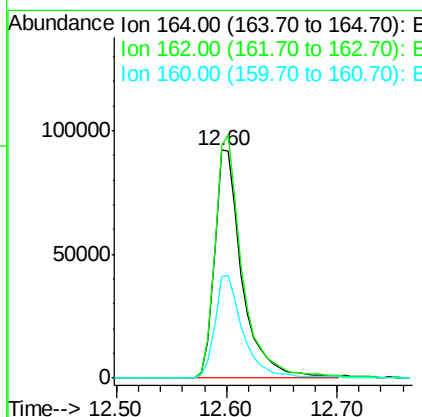
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.4	36.2	54.2





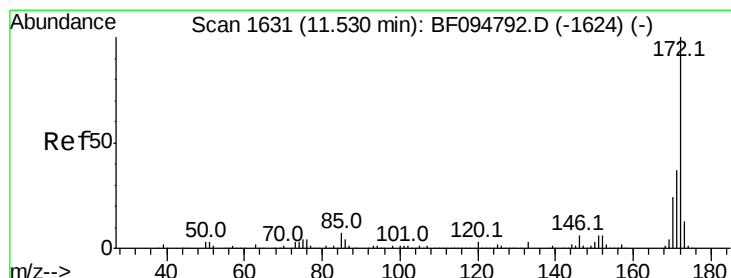
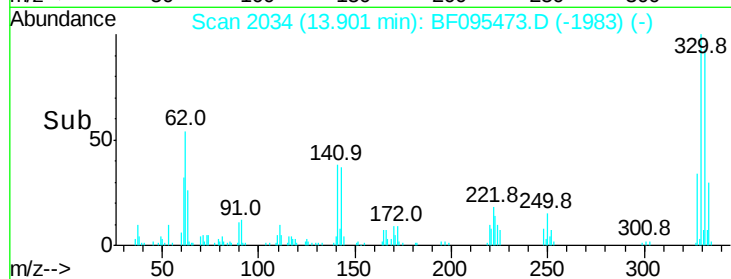
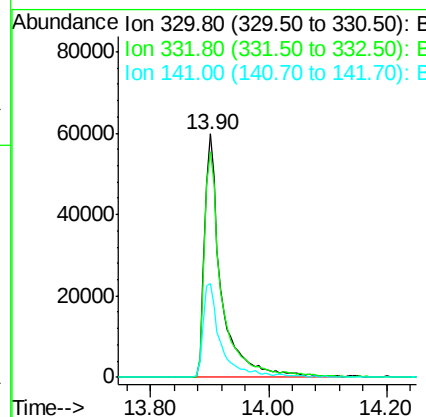
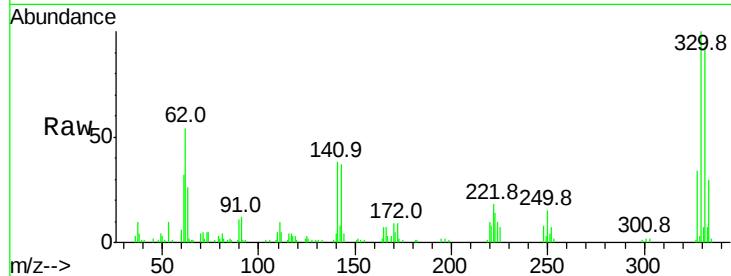
#41
 2,4,6-Tribromophenol
 Concen: 89.52 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095473.D
 Acq: 26 May 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	117123		
332	94.9	76.6	115.0	
141	39.1	31.4	47.2	

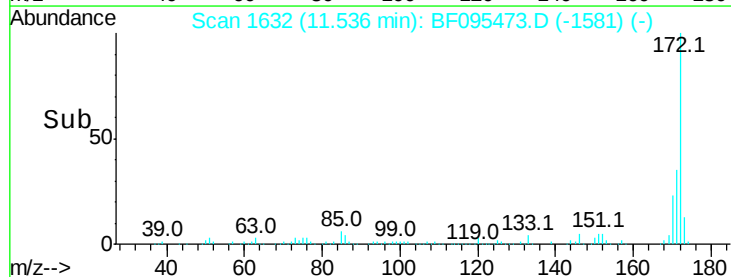
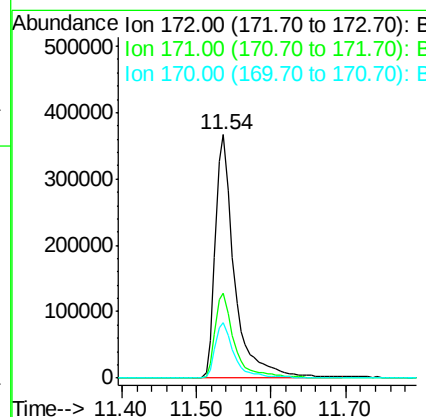
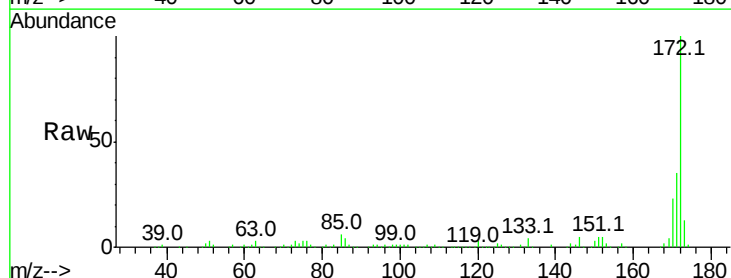
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#44
 2-Fluorobiphenyl
 Concen: 59.38 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095473.D
 Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	659038		
171	34.8	29.6	44.4	
170	22.6	19.8	29.8	





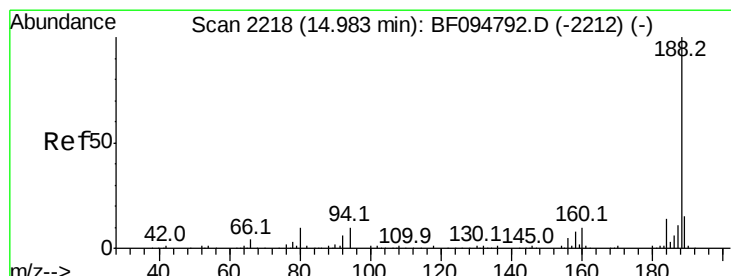
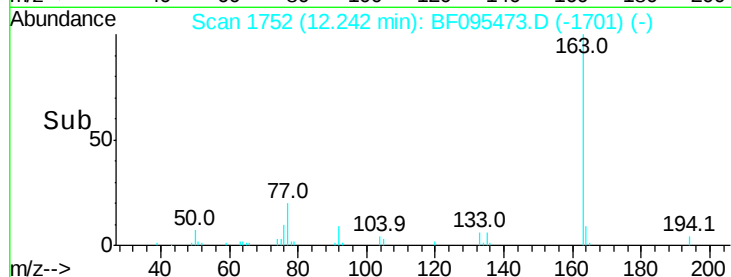
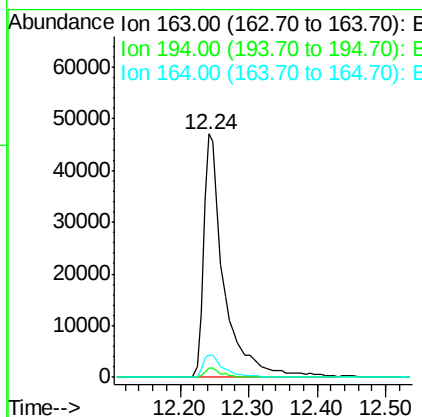
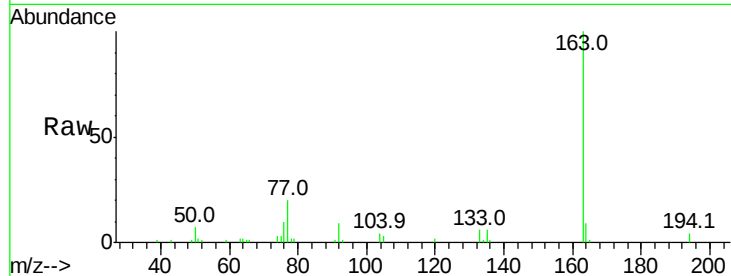
#49
Dimethylphthalate
Concen: 7.47 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.1	8.4	12.6

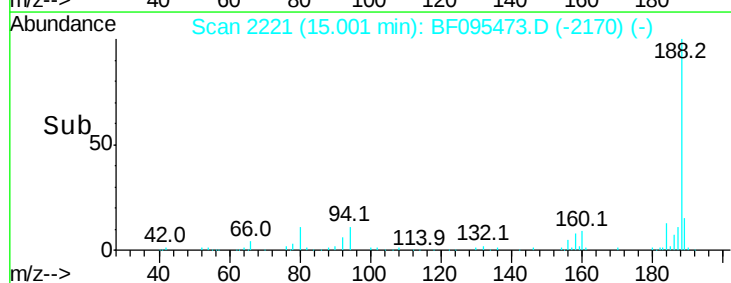
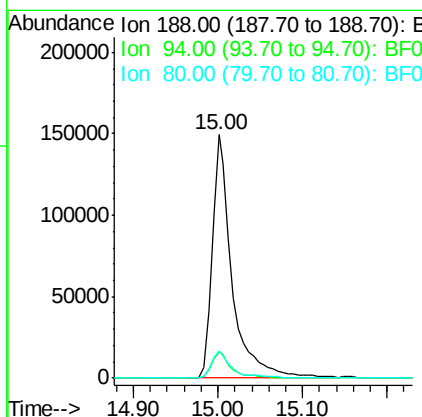
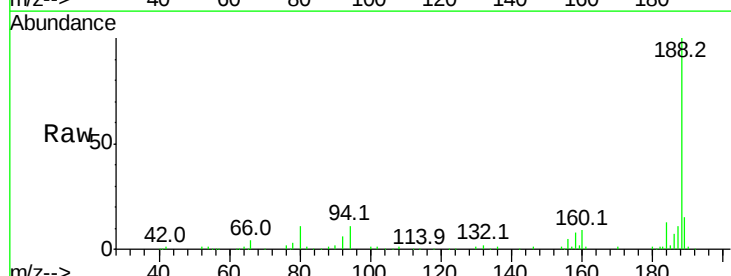
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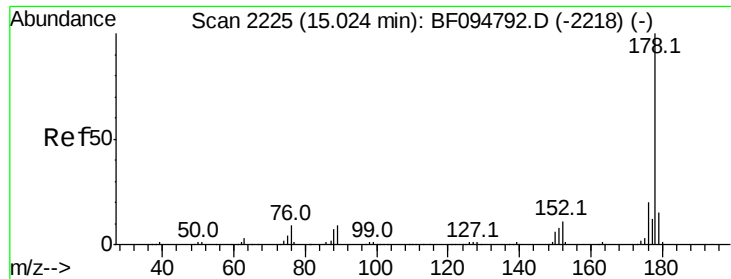
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.4	10.2	15.2





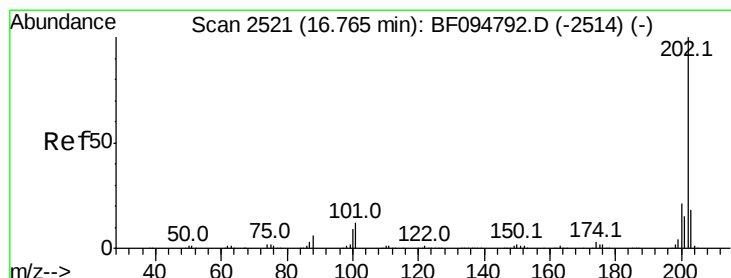
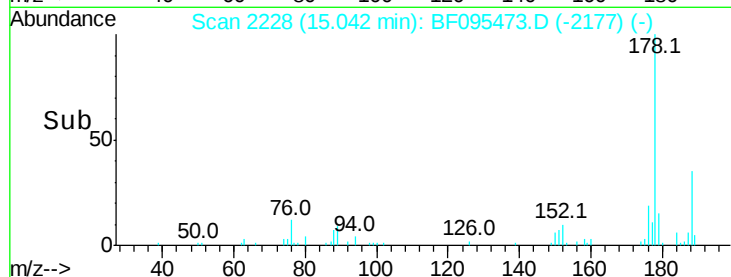
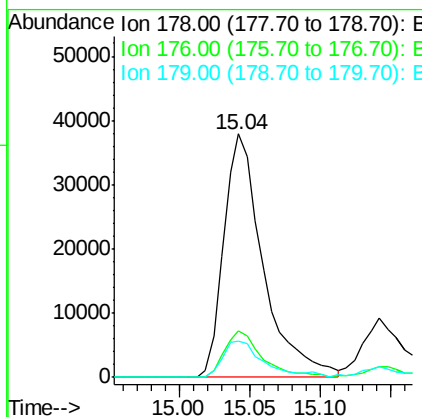
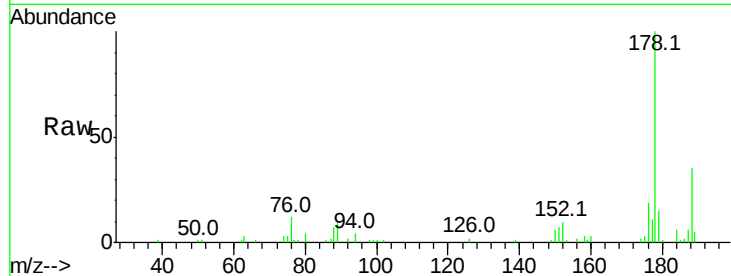
#70
Phenanthrene
Concen: 5.18 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.6	12.6	19.0

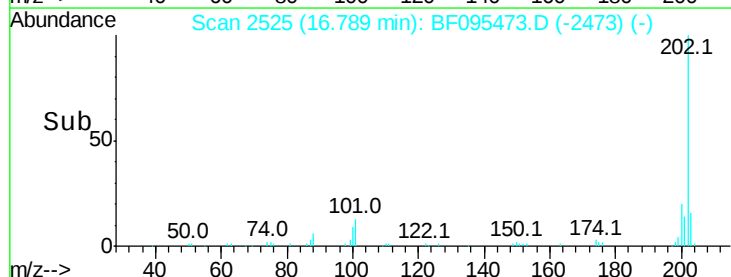
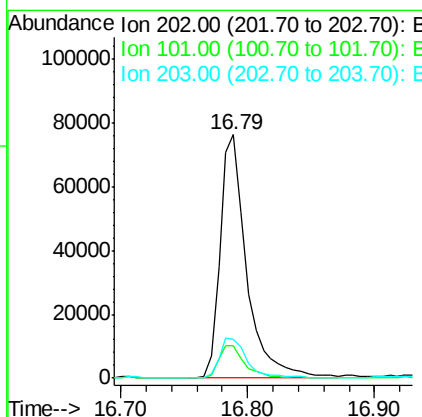
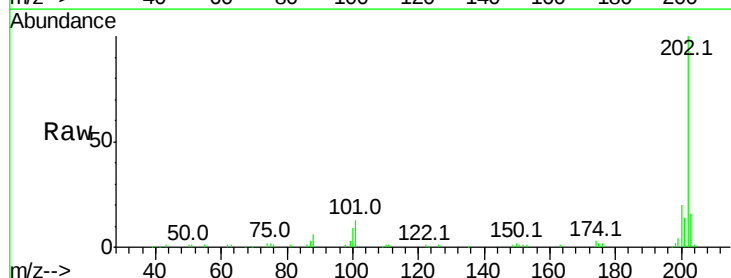
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#74
Fluoranthene
Concen: 7.62 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	15.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Instrument :

BNA_F

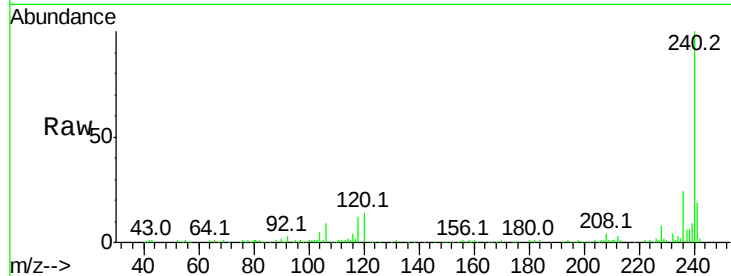
ClientSampleId :

NM4-COMP-0-6

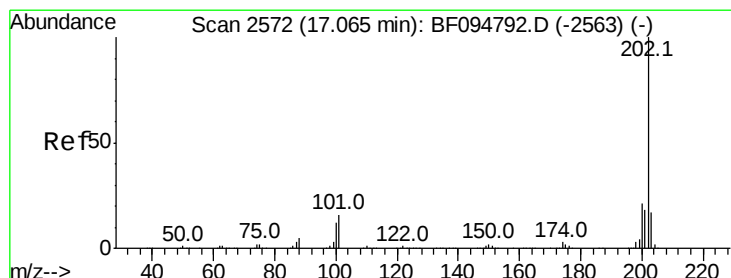
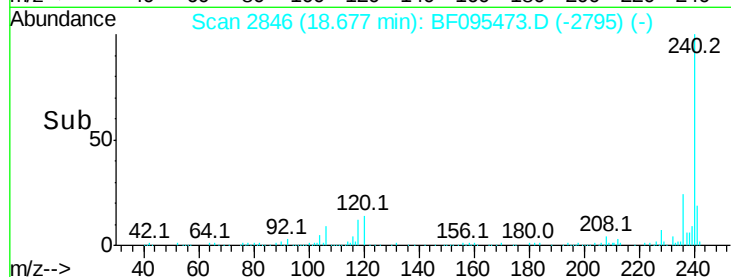
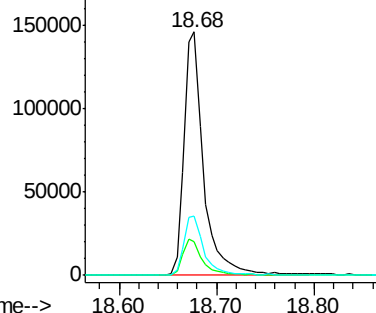
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.3	20.5	30.7

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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: 6.73 ng

RT: 17.09 min Scan# 2576

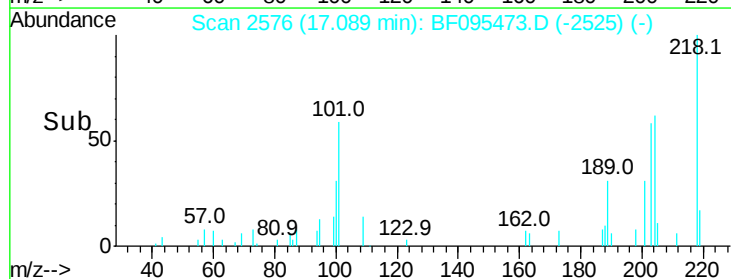
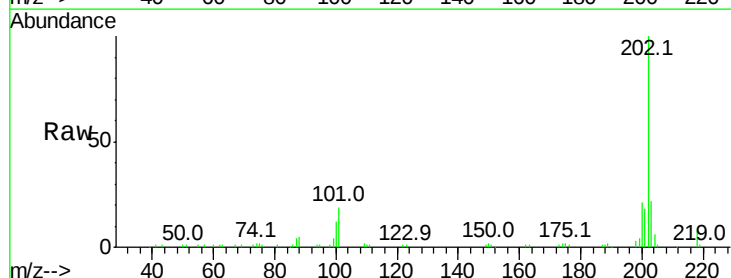
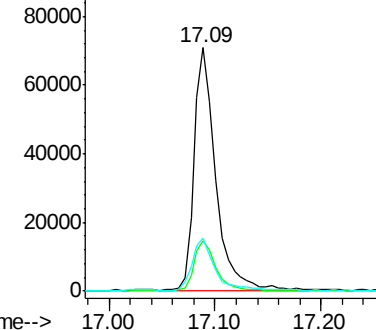
Delta R.T. 0.00 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	21.6	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: 41.25 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Instrument :

BNA_F

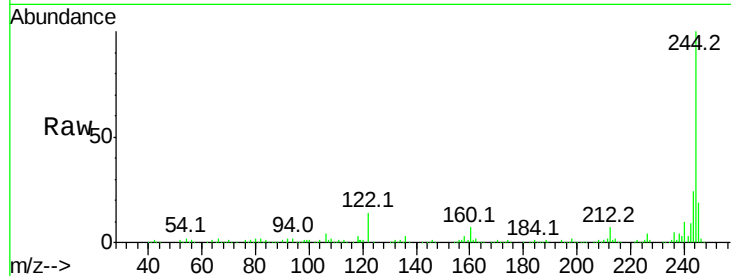
ClientSampleId :

NM4-COMP-0-6

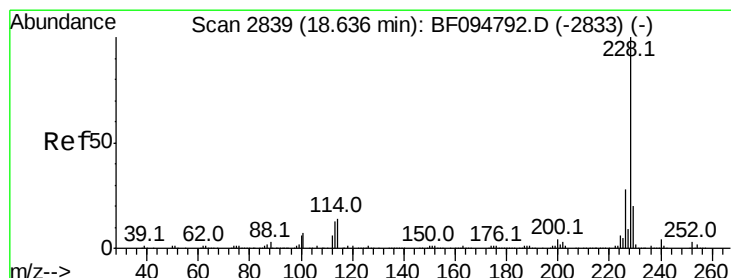
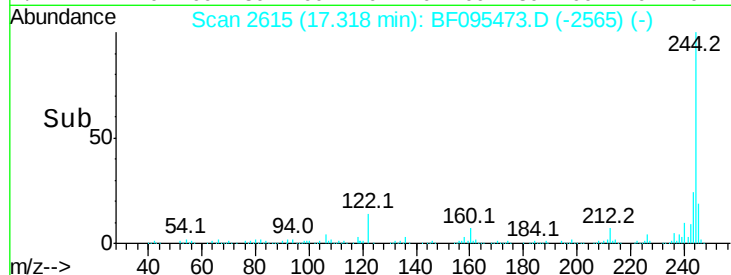
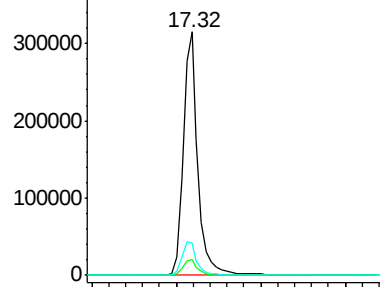
Tot Ion:	244	Resp:	381389
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	13.5	10.3	15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.62 ng m

RT: 18.67 min Scan# 2844

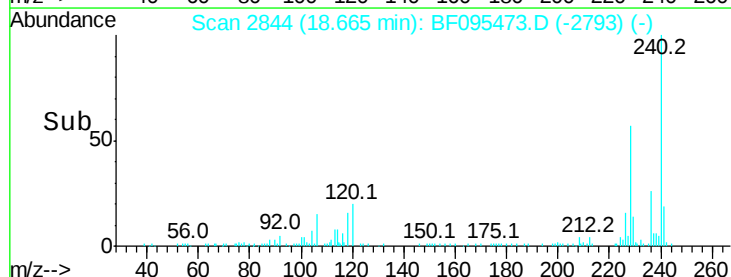
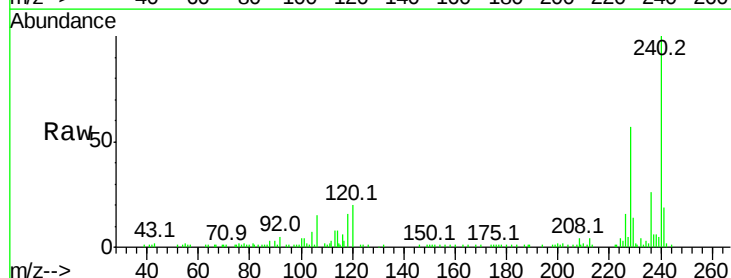
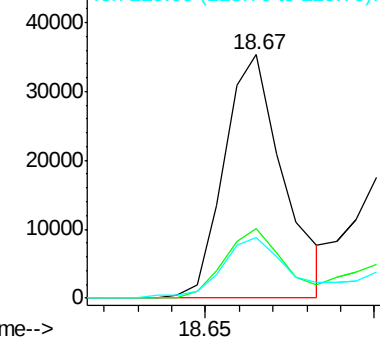
Delta R.T. 0.00 min

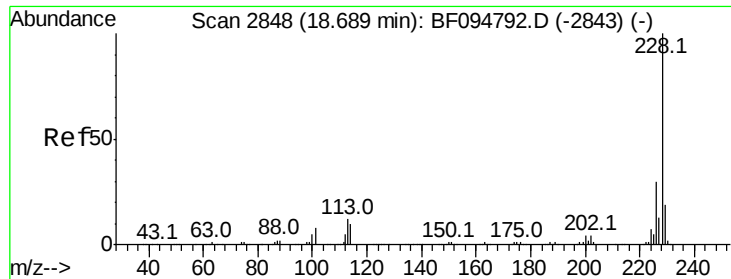
Lab File: BF095473.D

Acq: 26 May 2017 21:47

Tgt Ion:	228	Resp:	42903
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	24.6	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.21 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Instrument :

BNA_F

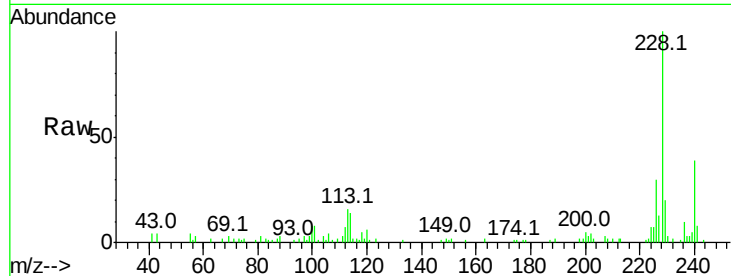
ClientSampleId :

NM4-COMP-0-6

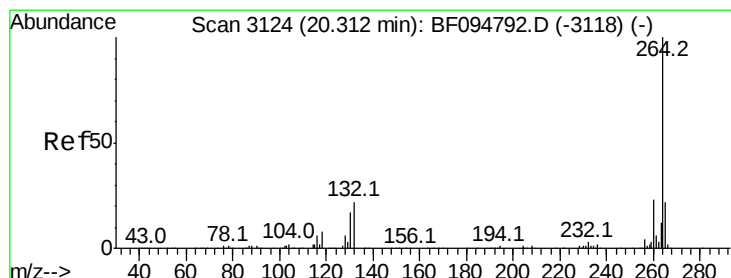
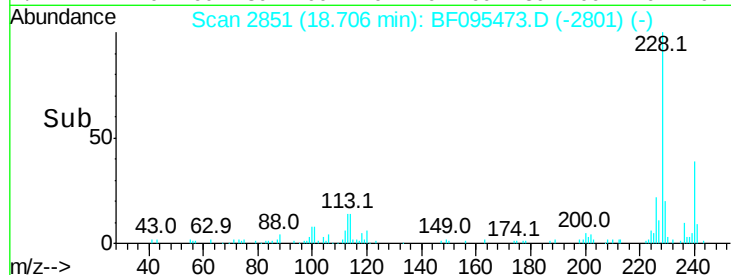
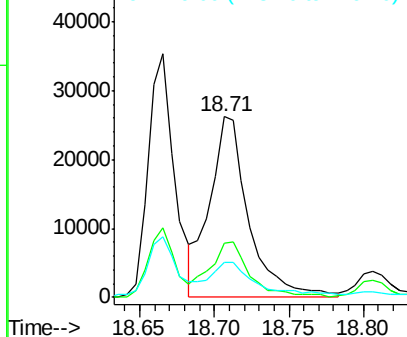
Tot Ion:	228	Resp:	48283
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	19.6	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

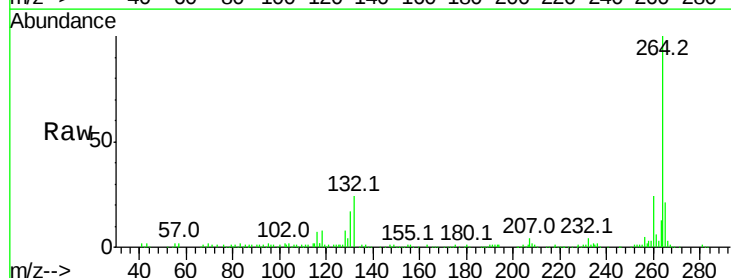
RT: 20.35 min Scan# 3131

Delta R.T. 0.00 min

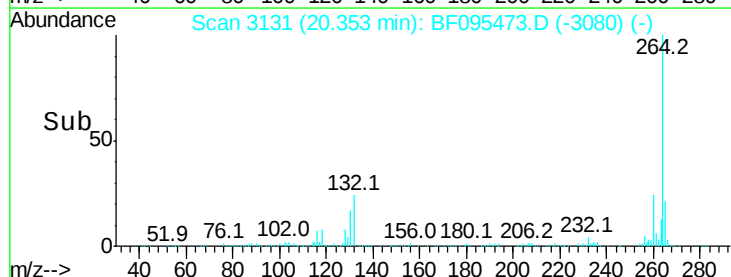
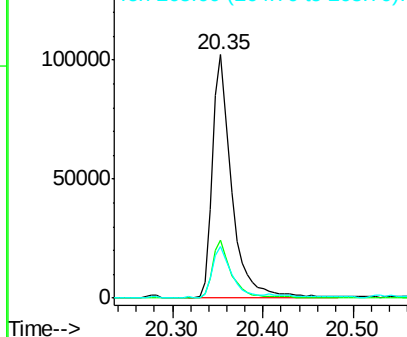
Lab File: BF095473.D

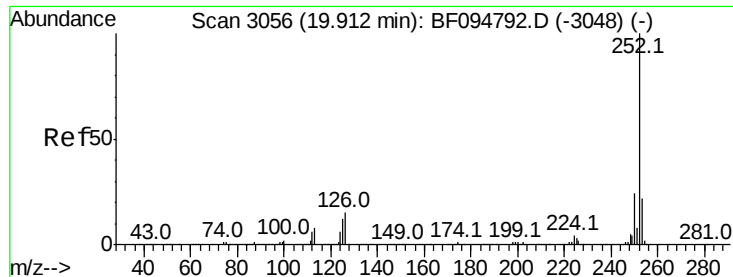
Acq: 26 May 2017 21:47

Tgt Ion:	264	Resp:	153509
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 3.75 ng m

RT: 19.95 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Instrument :

BNA_F

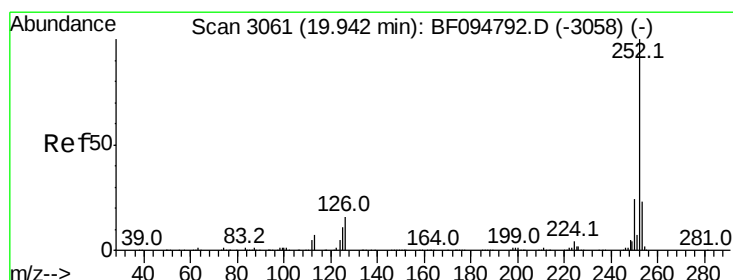
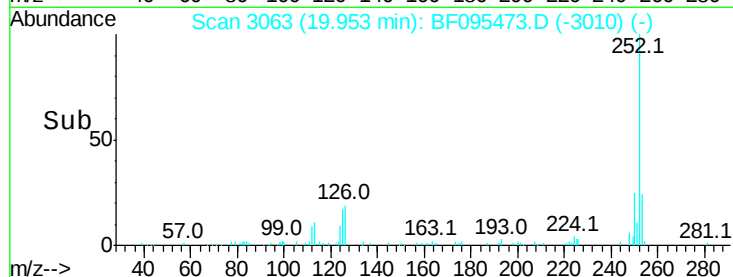
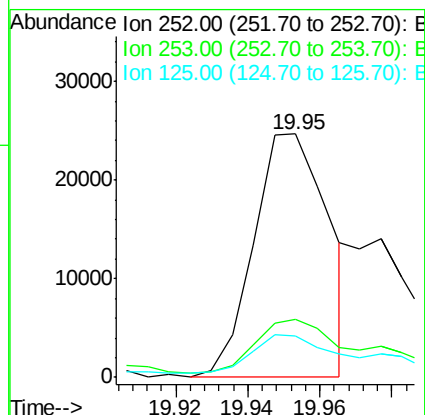
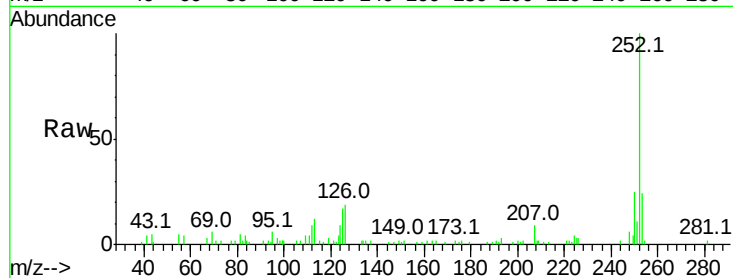
ClientSampleId :

NM4-COMP-0-6

Tot Ion:	252	Resp:	35539
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	16.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 2.04 ng m

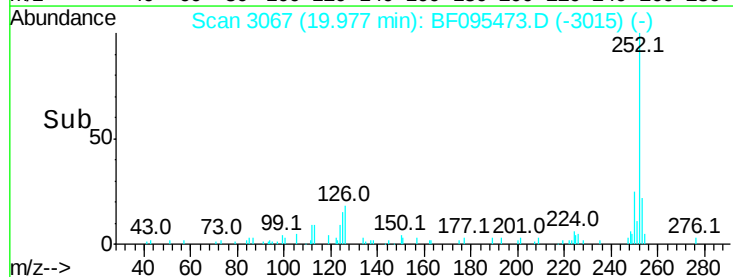
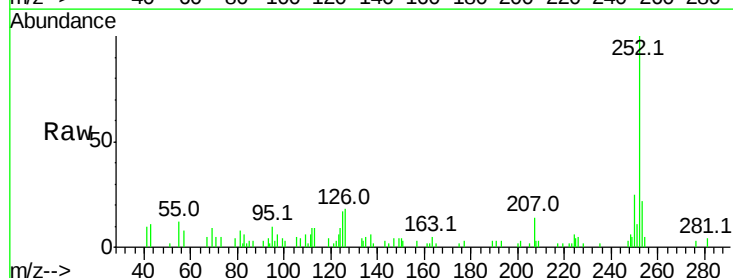
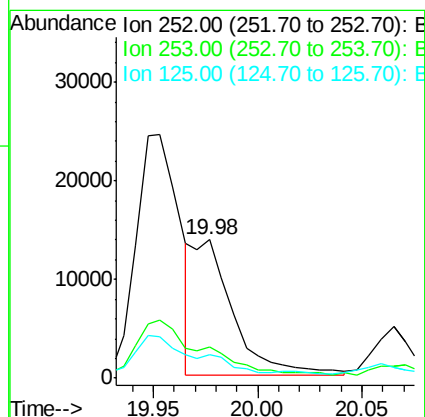
RT: 19.98 min Scan# 3067

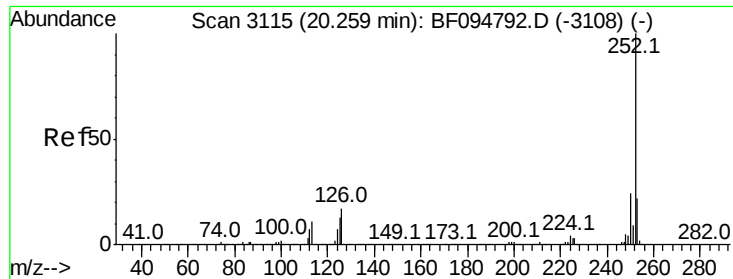
Delta R.T. 0.01 min

Lab File: BF095473.D

Acq: 26 May 2017 21:47

Tgt Ion:	252	Resp:	18632
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	17.2	13.1	19.7





#89
Benzo(a)pyrene
Concen: 3.28 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095473.D
Acq: 26 May 2017 21:47

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	18.0	11.0	16.4

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