

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095476.D
 Acq On : 26 May 2017 23:24
 Operator : SJ/MA
 Sample : I3241-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-FD01

Manual Integrations
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Quant Time: May 30 11:52:23 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	7.75	152	85010	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	336539	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	144777	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	213053	20.00	ng	0.00
75) Chrysene-d12	18.68	240	194164	20.00	ng	0.00
86) Perylene-d12	20.35	264	140982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	56528m	11.09	ng	0.10
7) Phenol-d6	7.40	99	67941m	11.11	ng	0.11
23) Nitrobenzene-d5	8.72	82	24881	4.66	ng	0.07
41) 2,4,6-Tribromophenol	13.94	330	9239	7.79	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	72330	7.19	ng	0.02
78) Terphenyl-d14	17.32	244	46222	5.24	ng	0.00
Target Compounds						
70) Phenanthrene	15.05	178	26251m	2.14	ng	Qvalue
74) Fluoranthene	16.79	202	34070	2.71	ng	98
77) Pyrene	17.09	202	34644	2.39	ng	97

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

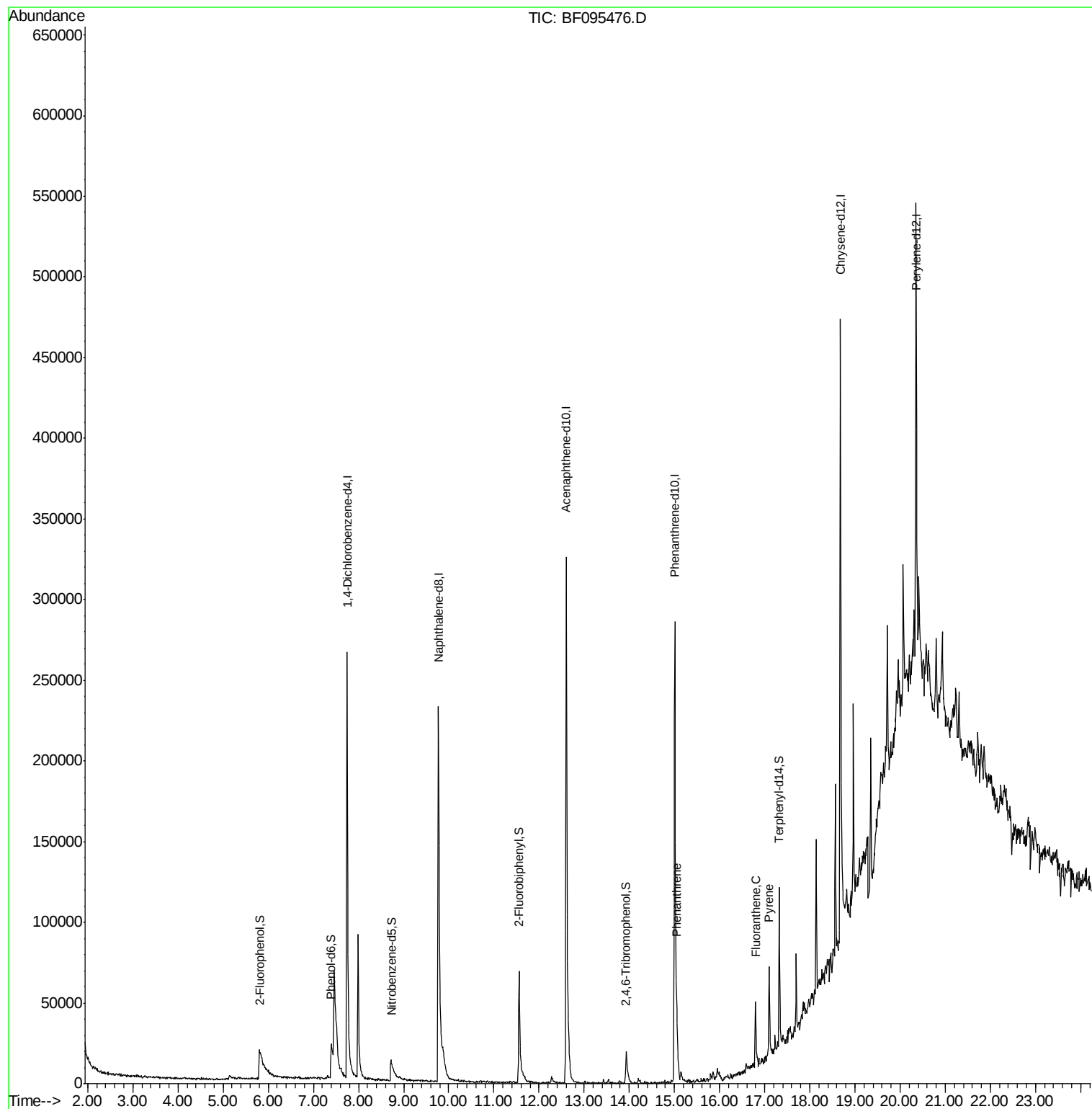
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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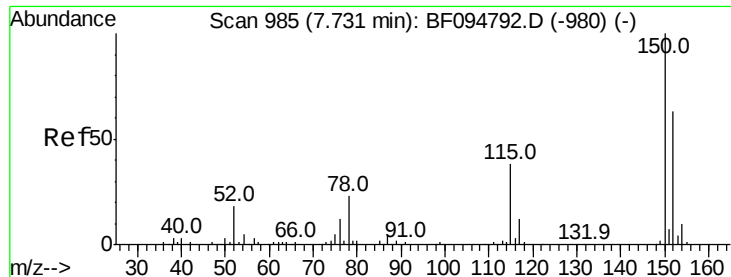
Instrument :
BNA_F
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Quant Time: May 30 11:52:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

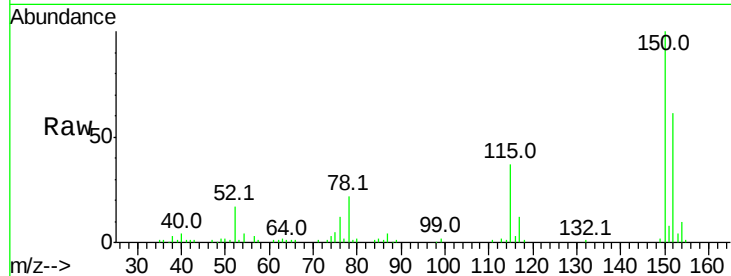
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095476.D
Acq: 26 May 2017 23:24

Instrument :
BNA_F
ClientSampled :
EP1-FD01

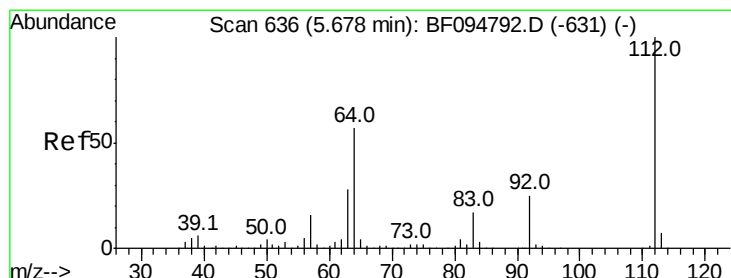
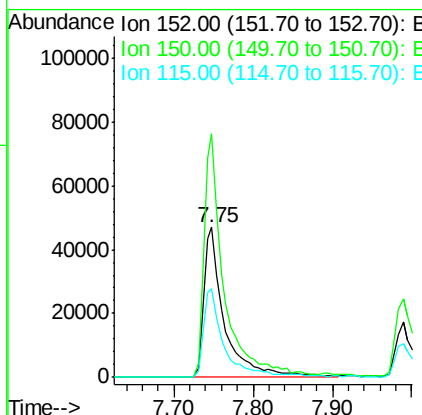
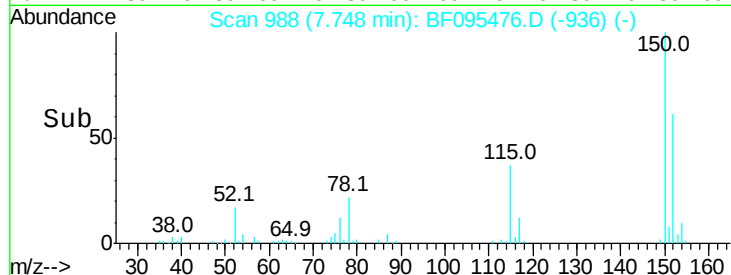
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.2	189.2
115	59.5	52.2	78.2

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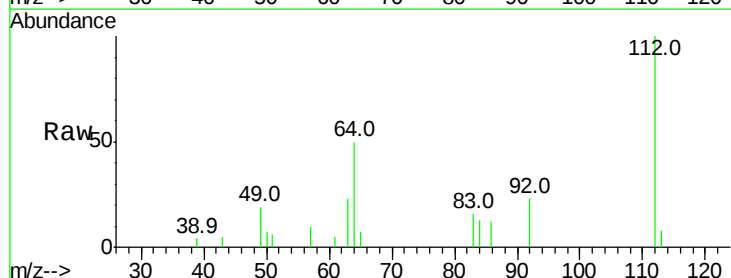
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



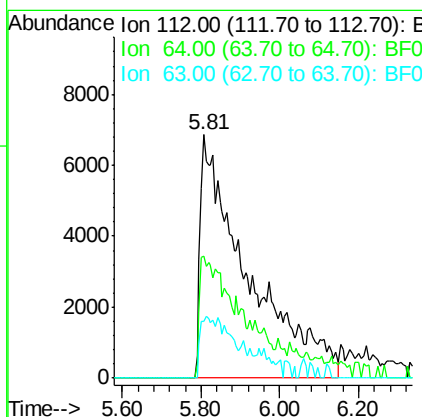
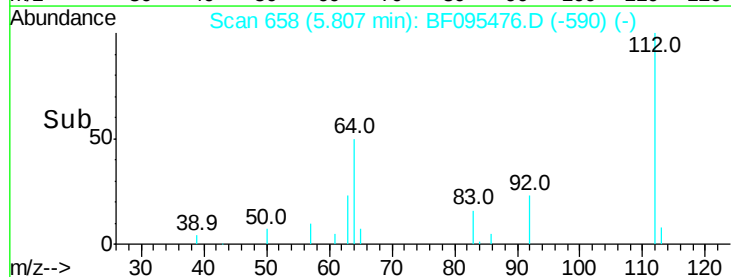
#5

2-Fluorophenol
Concen: 11.09 ng m
RT: 5.81 min Scan# 658
Delta R.T. 0.10 min
Lab File: BF095476.D
Acq: 26 May 2017 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	46.0	69.0
63	23.3	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: 11.11 ng/mL

RT: 7.40 min Scan# 929

Delta R.T. 0.11 min

Lab File: BF095476.D

Acq: 26 May 2017 23:24

Instrument :

BNA_F

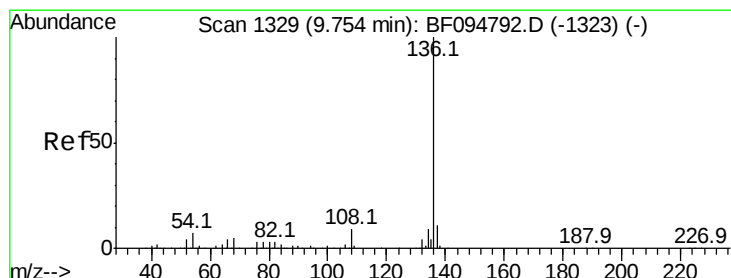
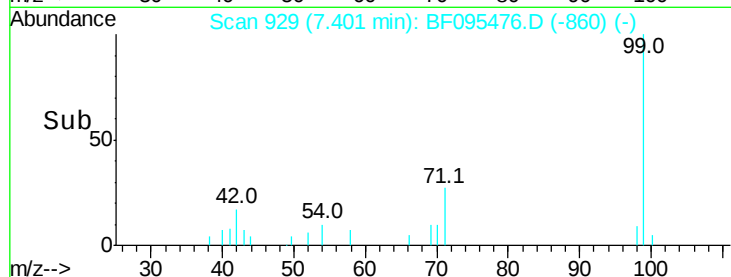
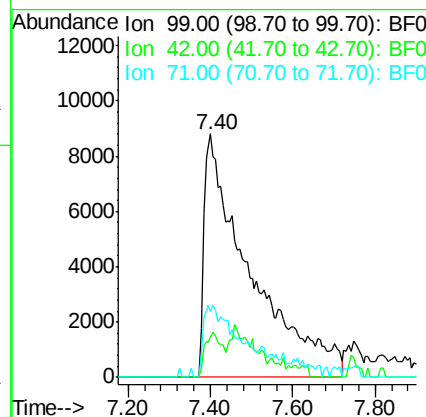
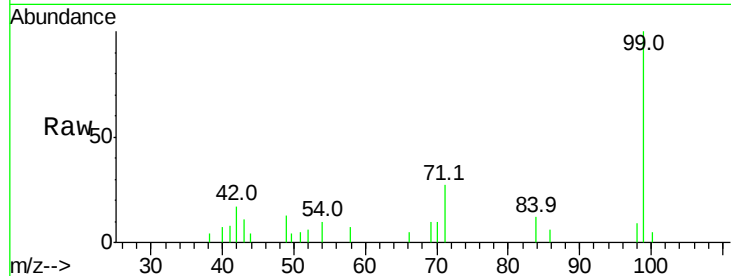
ClientSampleId :

EP1-FD01

Tot Ion:	99	Resp:	67941
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	26.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

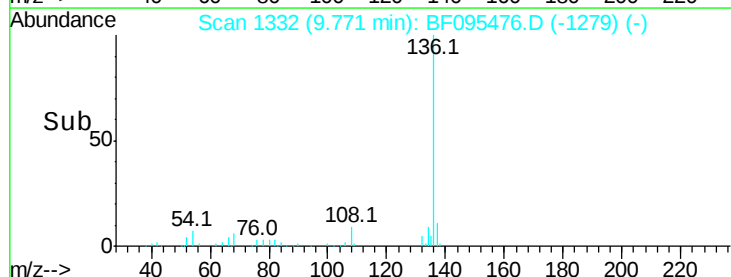
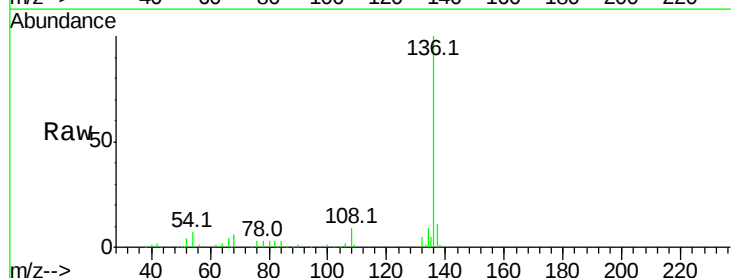
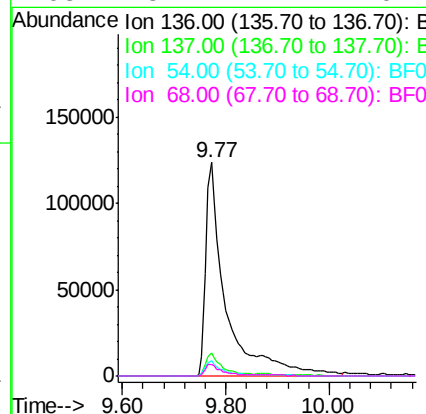
RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095476.D

Acq: 26 May 2017 23:24

Tgt Ion:	136	Resp:	336539
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.7	4.1	6.1





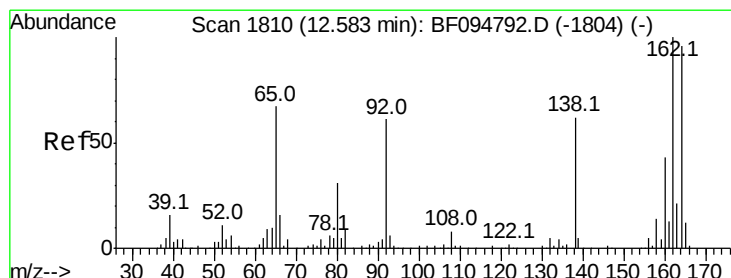
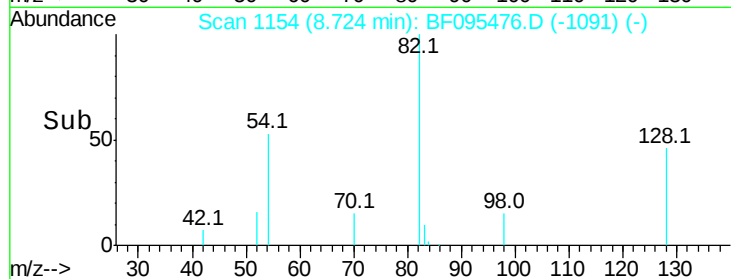
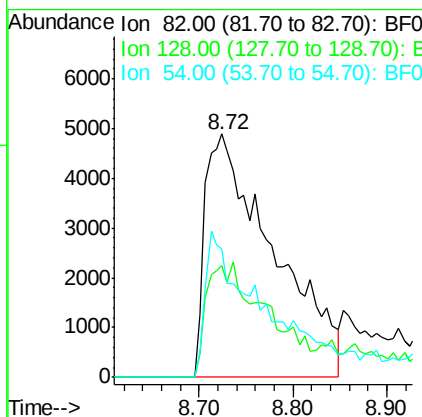
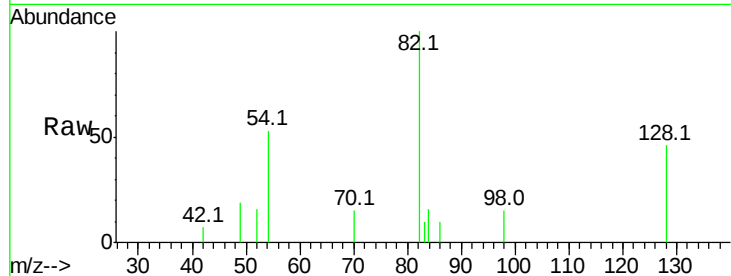
#23
 Nitrobenzene-d5
 Concen: 4.66 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. 0.07 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Instrument :
 BNA_F
 ClientSampled :
 EP1-FD01

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	52.9	42.2	63.2

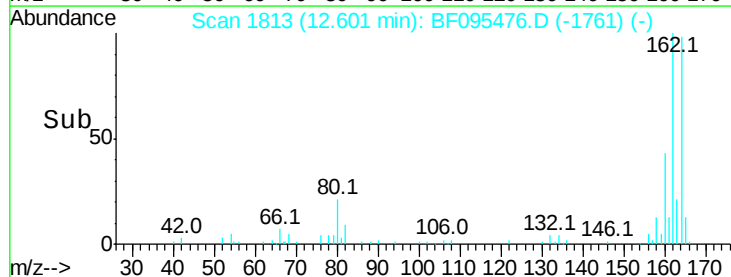
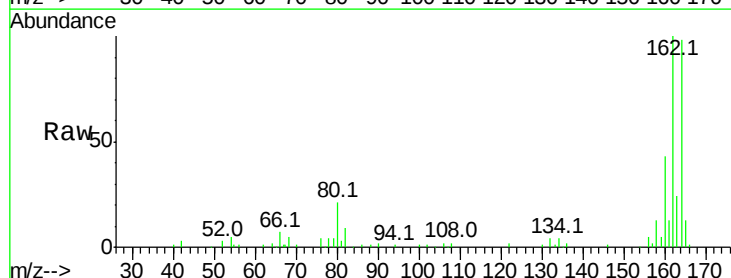
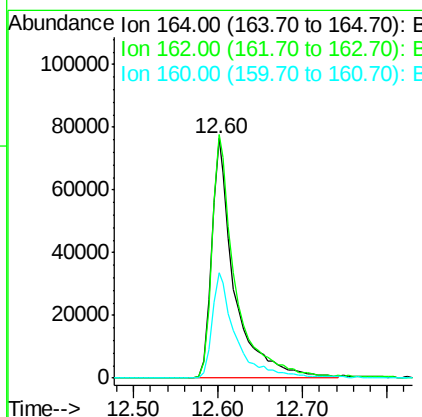
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	43.8	36.2	54.2





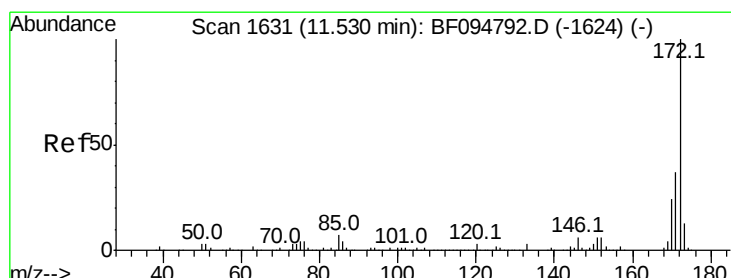
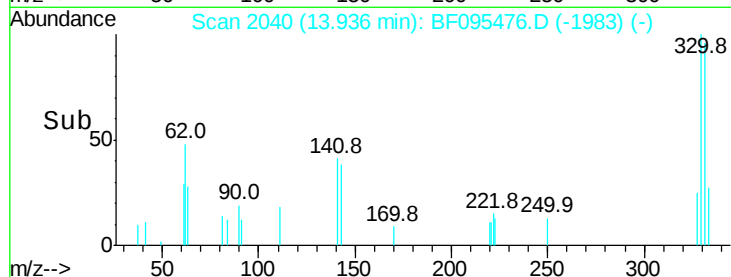
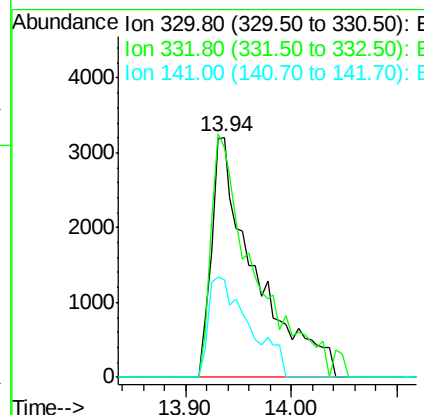
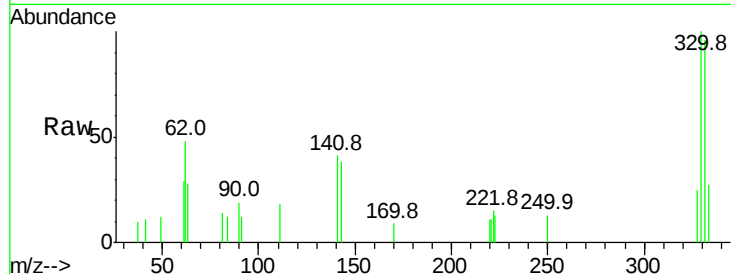
#41
 2,4,6-Tribromophenol
 Concen: 7.79 ng
 RT: 13.94 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 EP1-FD01

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.6	115.0
141	33.6	31.4	47.2

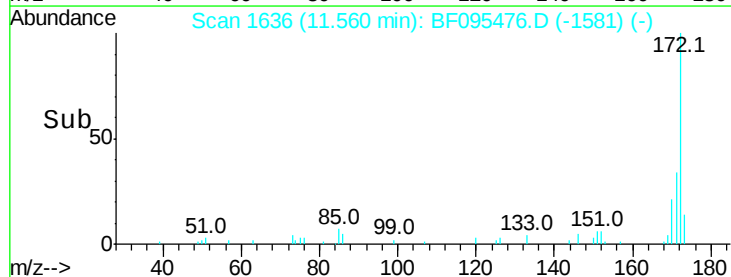
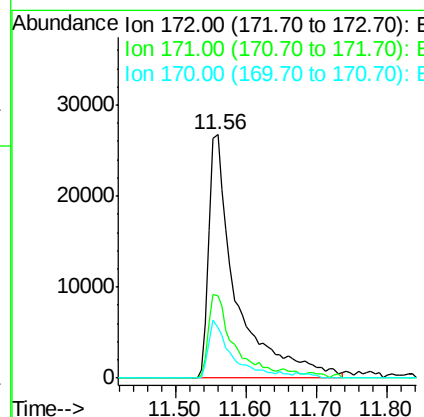
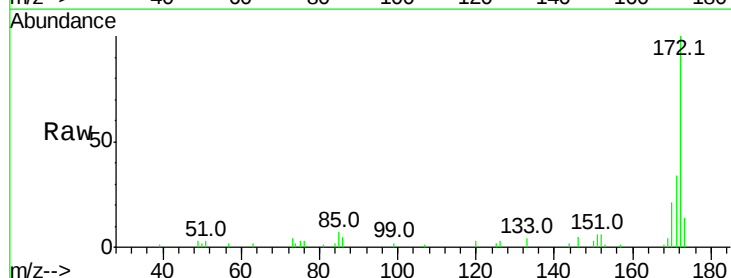
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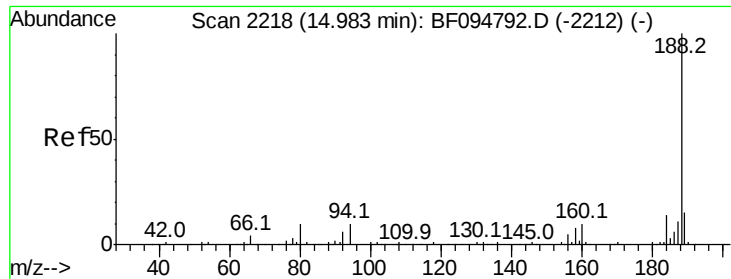
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#44
 2-Fluorobiphenyl
 Concen: 7.19 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	20.9	19.8	29.8





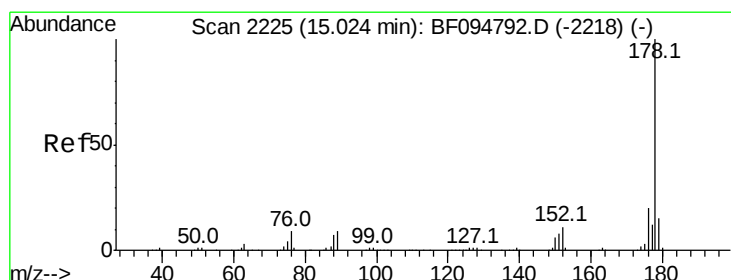
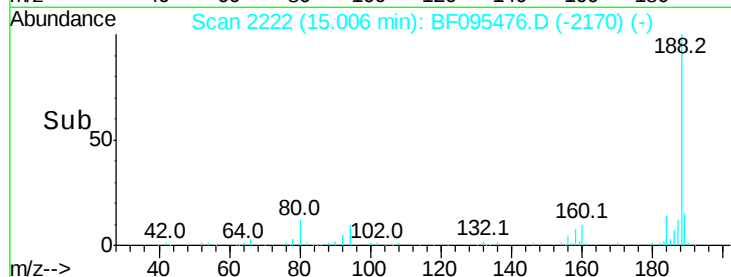
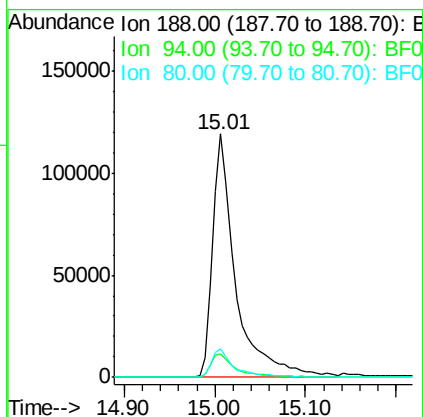
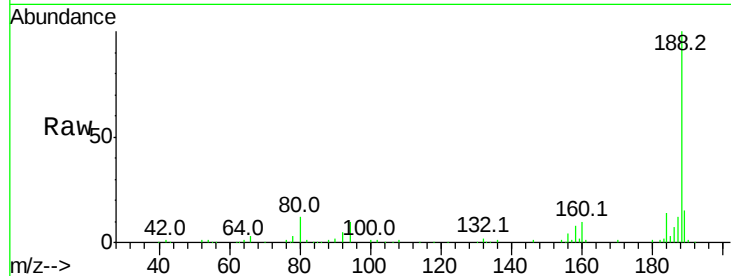
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 EP1-FD01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	213053		
94	9.8		9.4	14.2
80	11.8		10.2	15.2

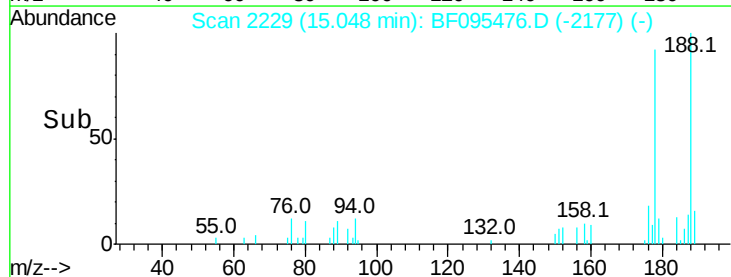
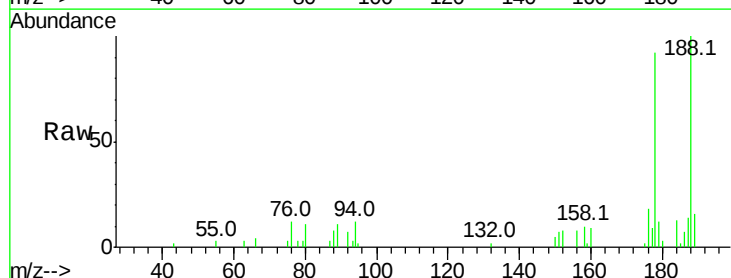
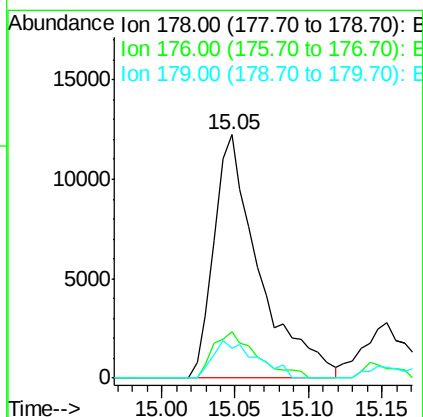
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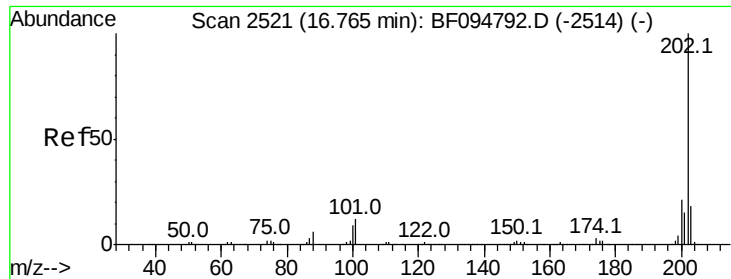
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#70
 Phenanthrene
 Concen: 2.14 ng m
 RT: 15.05 min Scan# 2229
 Delta R.T. 0.01 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26251		
176	19.2		16.2	24.4
179	12.5		12.6	19.0#





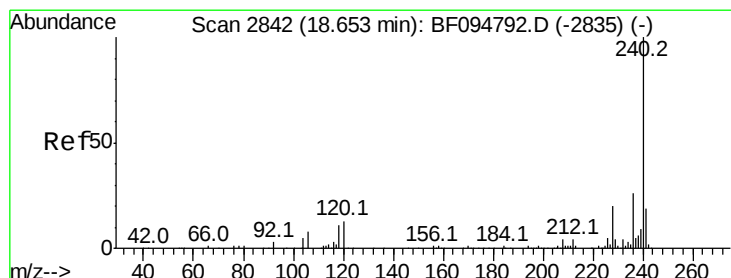
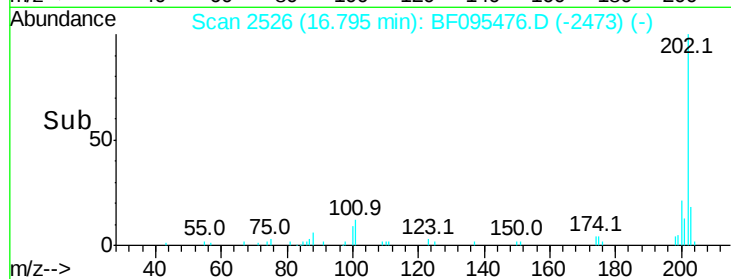
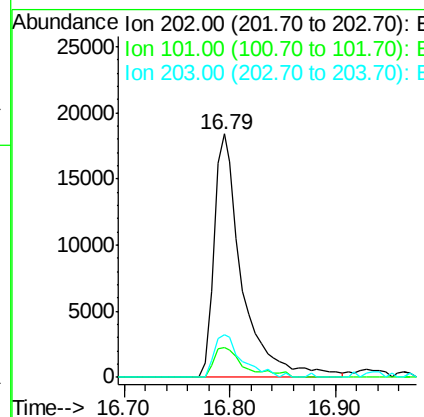
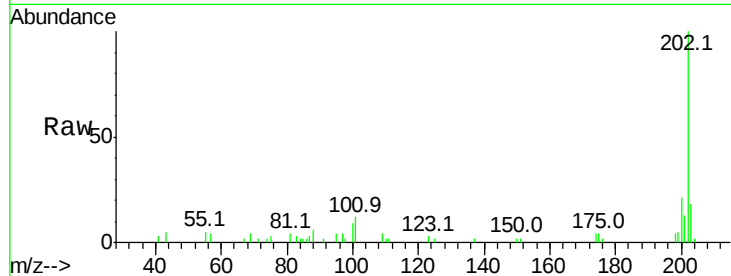
#74
 Fluoranthene
 Concen: 2.71 ng
 RT: 16.79 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 EP1-FD01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.2
203	17.7	0.0	38.1

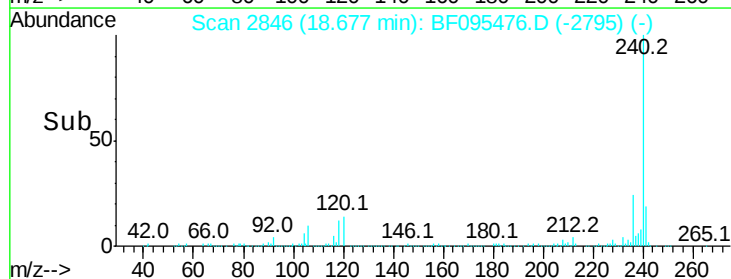
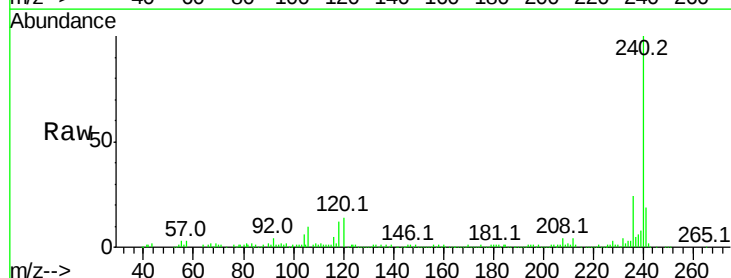
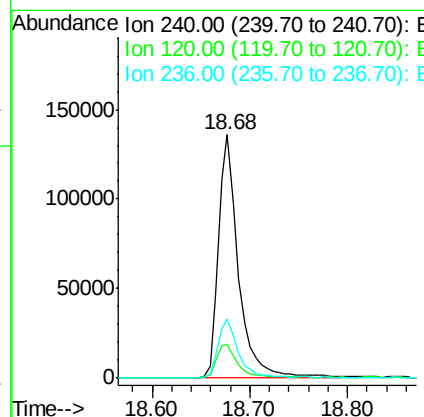
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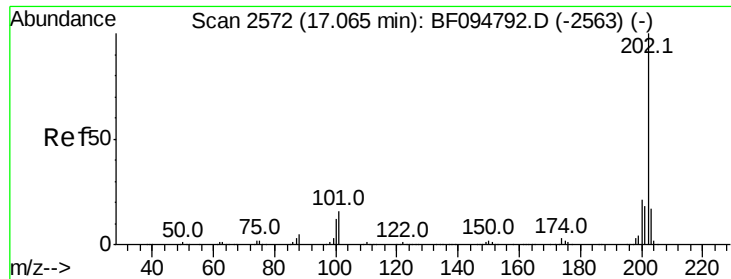
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095476.D
 Acq: 26 May 2017 23:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.5	20.5	30.7





#77

Pvrene

Concen: 2.39 ng

RT: 17.09 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF095476.D

Acq: 26 May 2017 23:24

Instrument :

BNA_F

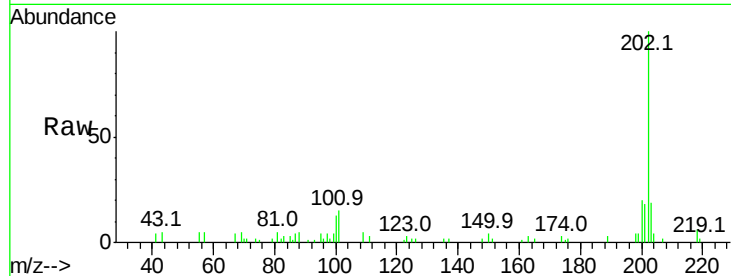
ClientSampleId :

EP1-FD01

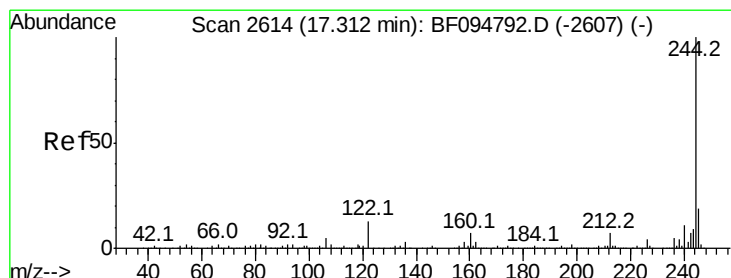
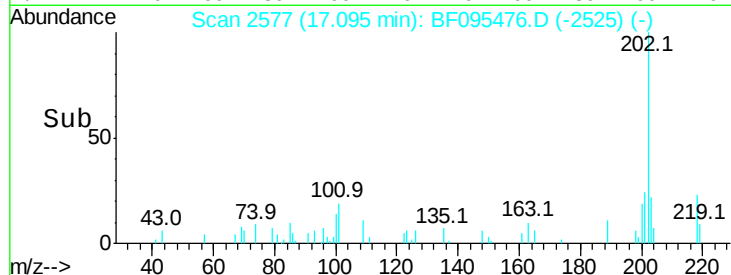
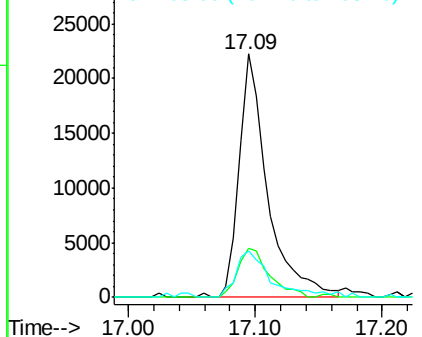
Tot Ion:	202	Resp:	34644
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	19.0	14.4	21.6

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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: 5.24 ng

RT: 17.32 min Scan# 2615

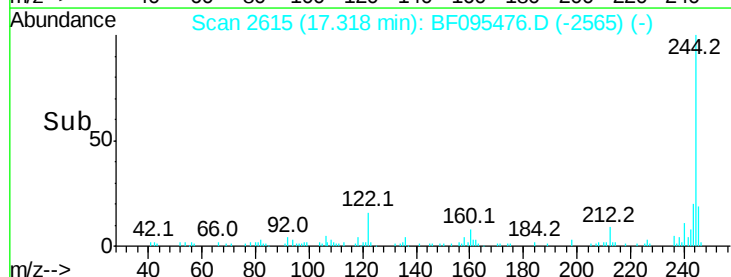
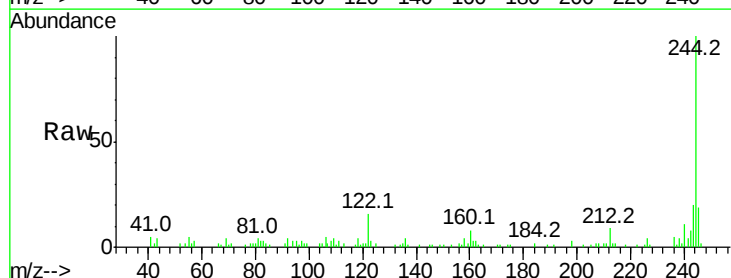
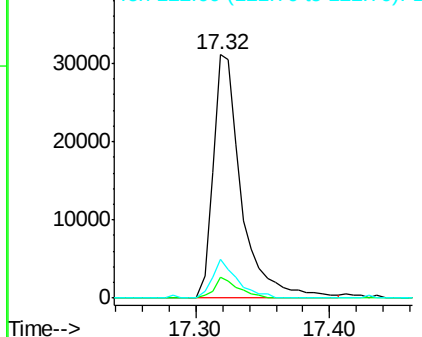
Delta R.T. -0.01 min

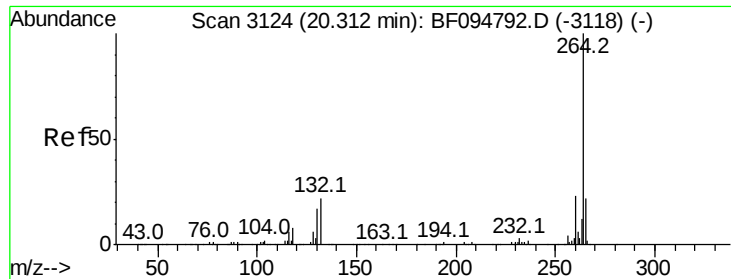
Lab File: BF095476.D

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Tgt Ion:	244	Resp:	46222
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.0	9.0
122	16.1	10.3	15.5#

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





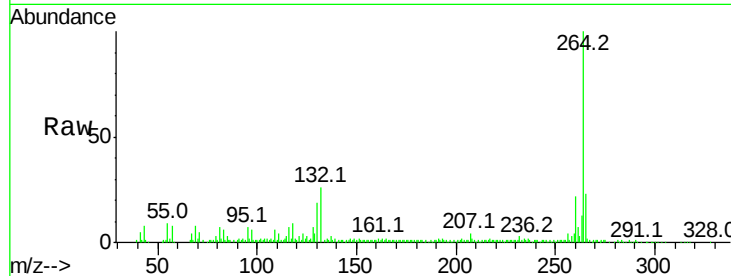
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095476.D
Acq: 26 May 2017 23:24

Instrument :
BNA_F
ClientSampleId :
EP1-FD01

Tot Ion:	264	Resp:	140982
Ion Ratio		Lower	Upper
264	100		
260	22.4	19.5	29.3
265	23.2	17.2	25.8

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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

