

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095456.D
 Acq On : 26 May 2017 12:37
 Operator : SJ/MA
 Sample : I3241-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC4(0-9.5)

Manual Integrations
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Quant Time: May 26 16:53:16 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	91075	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	369835	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	170285	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	333103	20.00	ng	0.00
75) Chrysene-d12	18.68	240	290078	20.00	ng	0.00
86) Perylene-d12	20.35	264	192845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	611531	111.95	ng	0.00
7) Phenol-d6	7.29	99	762464	116.33	ng	0.00
23) Nitrobenzene-d5	8.64	82	451713	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	167596	120.18	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	817827	69.13	ng	0.00
78) Terphenyl-d14	17.32	244	746007	56.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.24	163	105465	7.54	ng	Qvalue 100
70) Phenanthrene	15.04	178	61414	3.21	ng	96
74) Fluoranthene	16.79	202	110911	5.65	ng	97
77) Pyrene	17.09	202	101171	4.66	ng	96
80) Benzo(a)anthracene	18.67	228	36306	2.15	ng	97
82) Chrysene	18.71	228	44740	2.74	ng	98
87) Benzo(b)fluoranthene	19.96	252	33099m	2.78	ng	
89) Benzo(a)pyrene	20.31	252	23583	2.14	ng	93

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

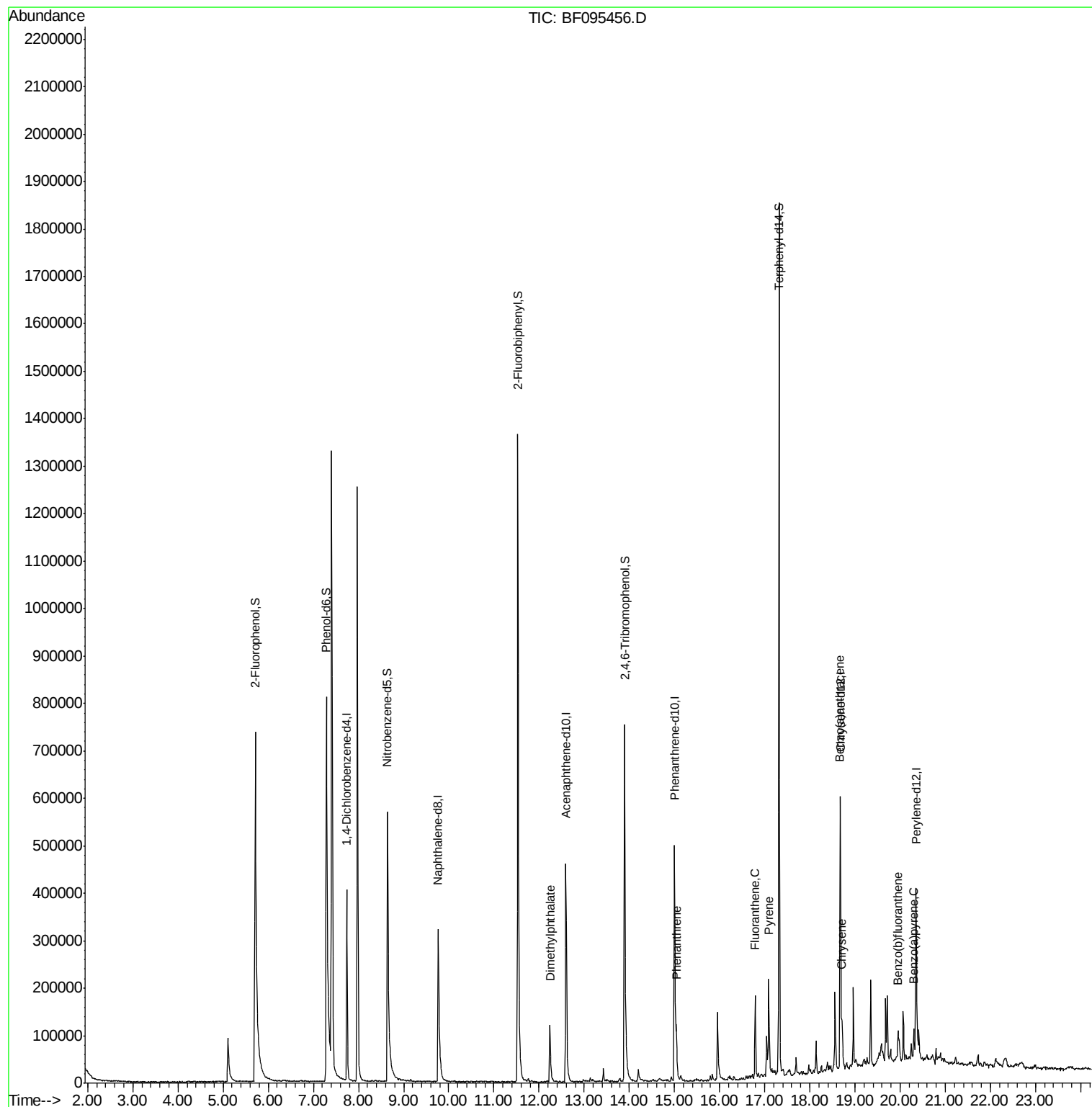
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
Sample : I3241-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

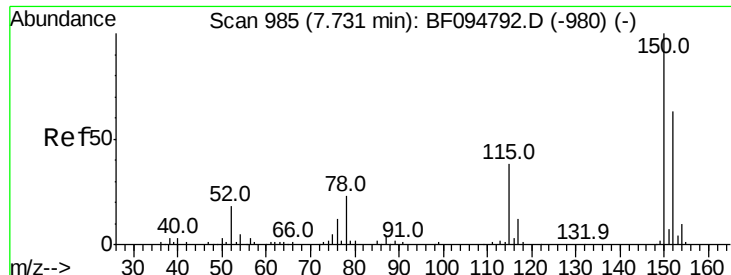
Instrument :
BNA_F
ClientSampleId :
EP1-WC4(0-9.5)

Manual Integrations
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Quant Time: May 26 16:53:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

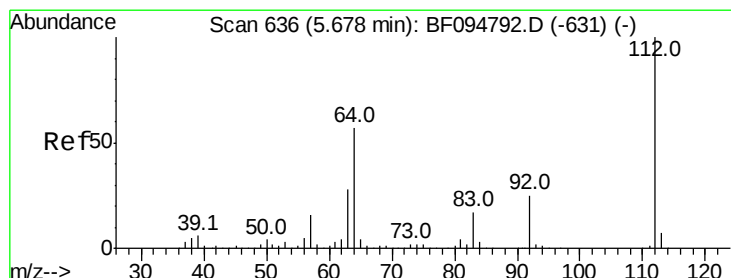
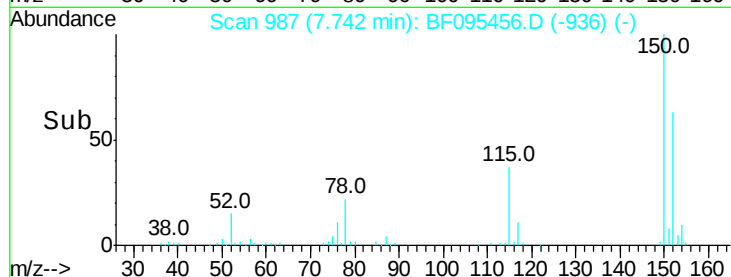
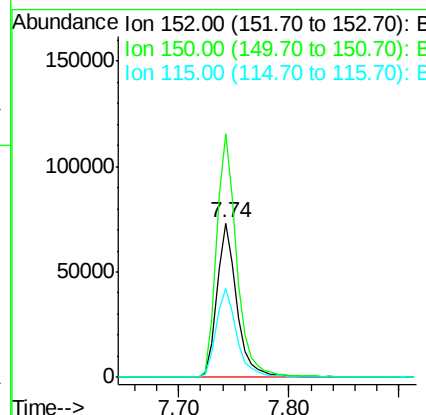
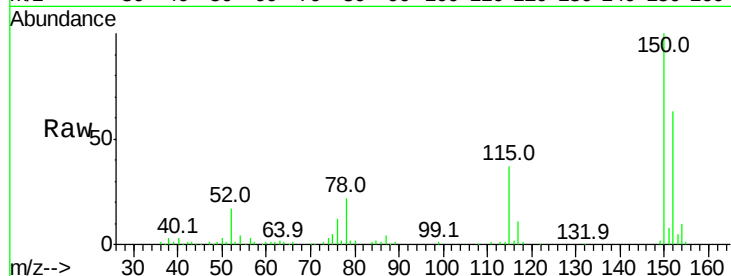
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Instrument :
BNA_F
ClientSampleId :
EP1-WC4(0-9.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	57.6	52.2	78.2

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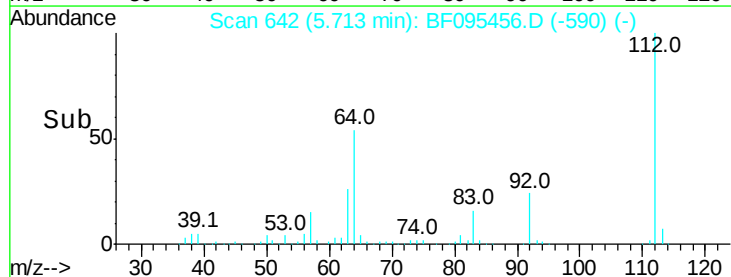
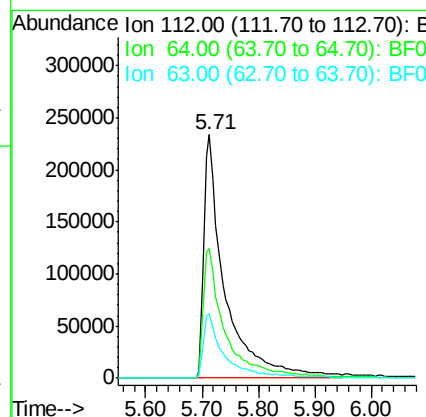
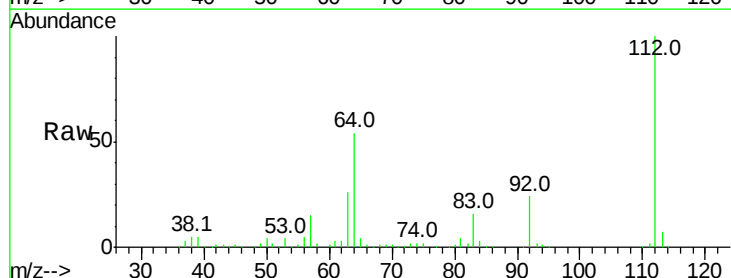
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#5

2-Fluorophenol
Concen: 111.95 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	26.4	23.4	35.0





#7

Phenol-d6

Concen: 116.33 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095456.D

Acq: 26 May 2017 12:37

Instrument :

BNA_F

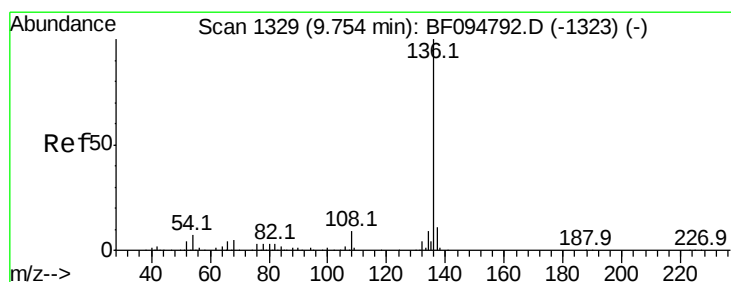
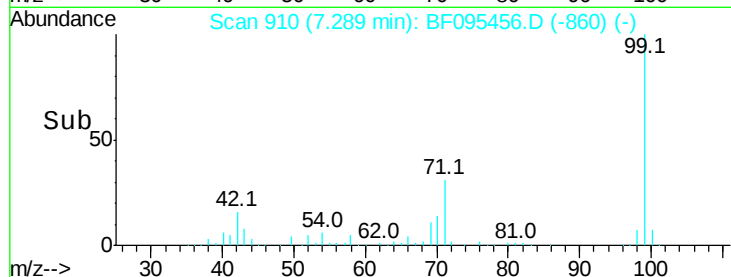
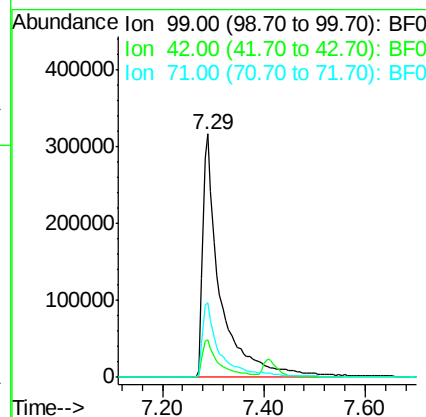
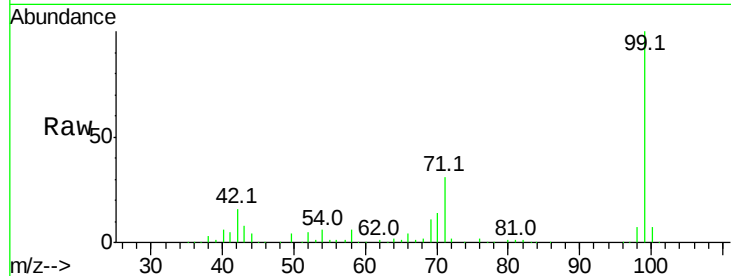
ClientSampleId :

EP1-WC4(0-9.5)

Tot Ion:	99	Resp:	762464
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

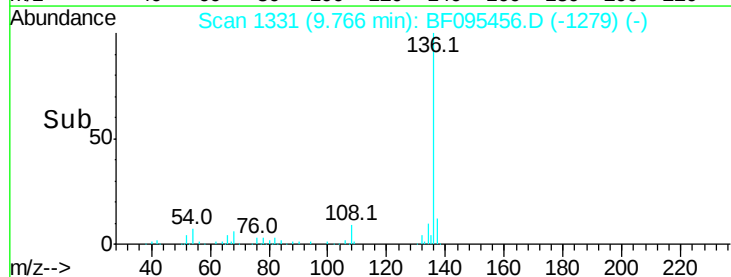
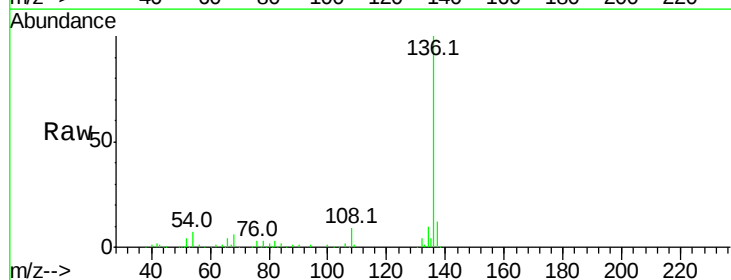
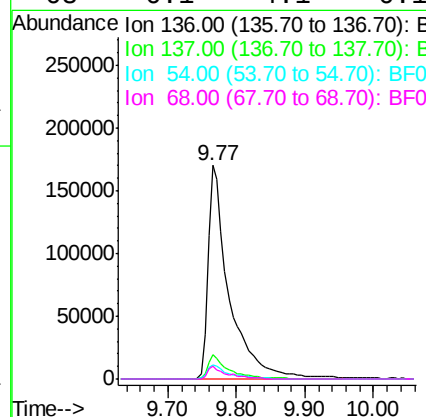
RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095456.D

Acq: 26 May 2017 12:37

Tgt Ion:	136	Resp:	369835
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.5	12.7
54	6.8	4.9	7.3
68	6.1	4.1	6.1





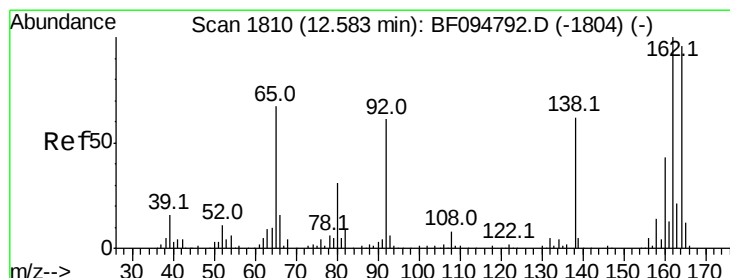
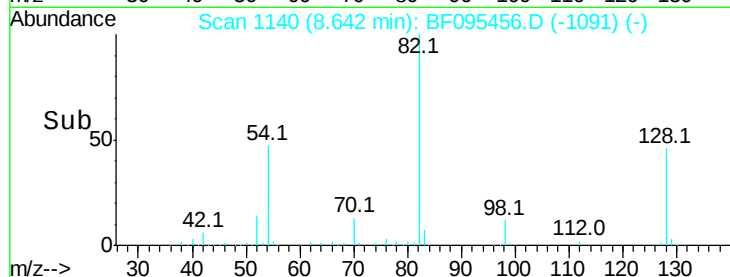
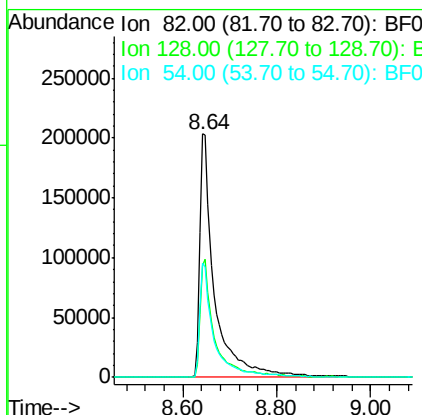
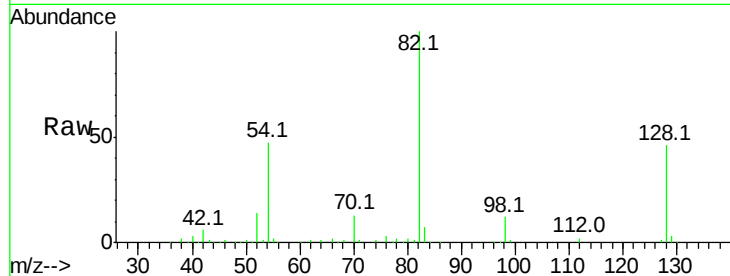
#23
Nitrobenzene-d5
Concen: 77.02 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Instrument :
BNA_F
ClientSampleId :
EP1-WC4(0-9.5)

Tot Ion	82	Resp	451713
Ion Ratio	100	Lower	Upper
128	46.0	34.0	51.0
54	47.1	42.2	63.2

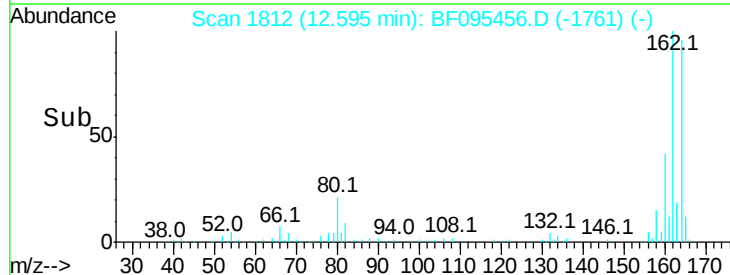
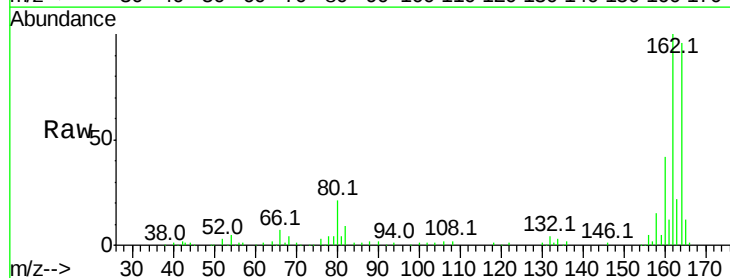
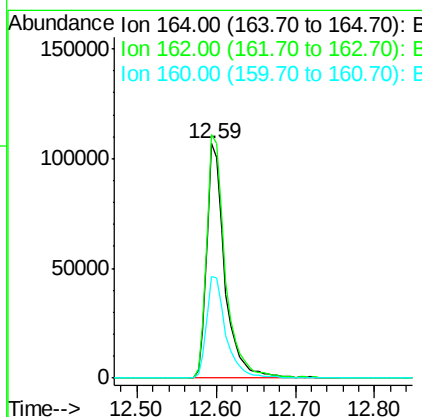
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Tgt Ion	164	Resp	170285
Ion Ratio	100	Lower	Upper
162	103.9	82.6	123.8
160	43.5	36.2	54.2





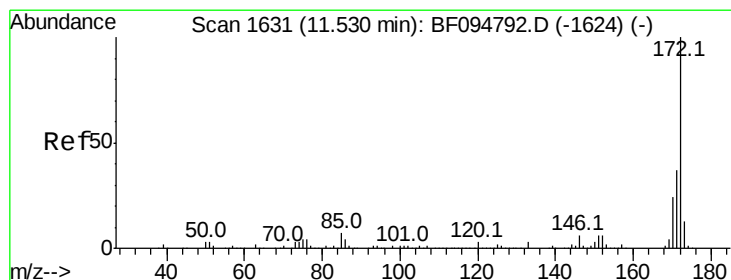
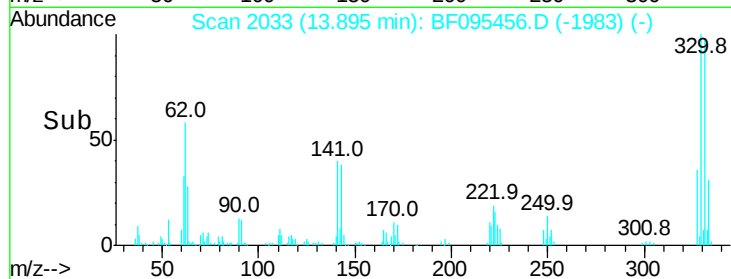
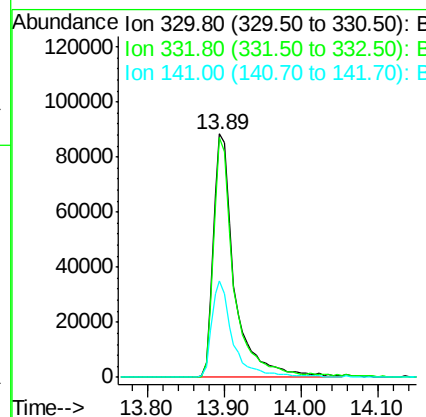
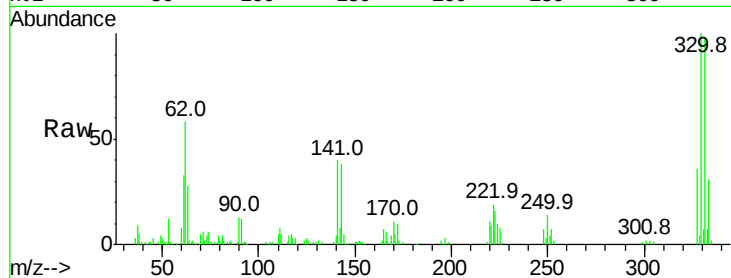
#41
 2,4,6-Tribromophenol
 Concen: 120.18 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC4(0-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	167596		
332	93.7	76.6	115.0	
141	38.8	31.4	47.2	

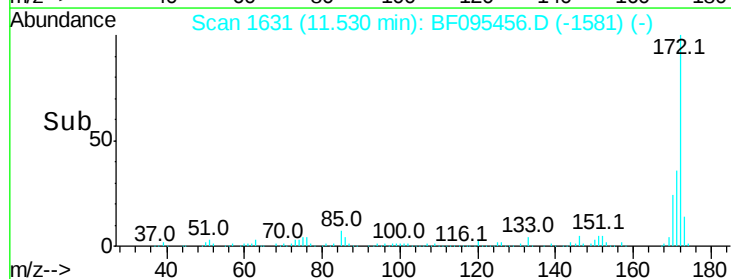
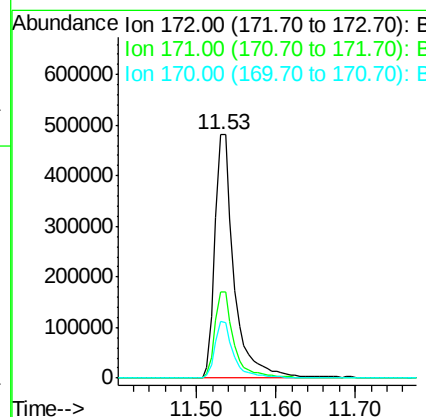
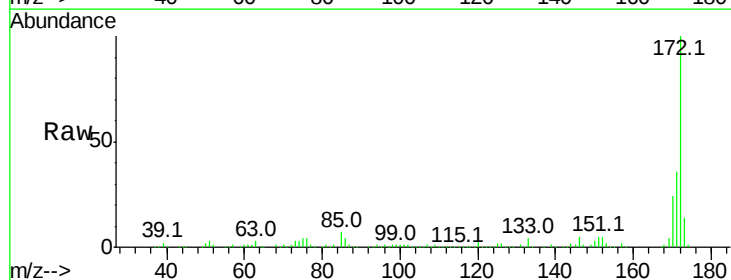
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#44
 2-Fluorobiphenyl
 Concen: 69.13 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	817827		
171	35.6	29.6	44.4	
170	23.5	19.8	29.8	





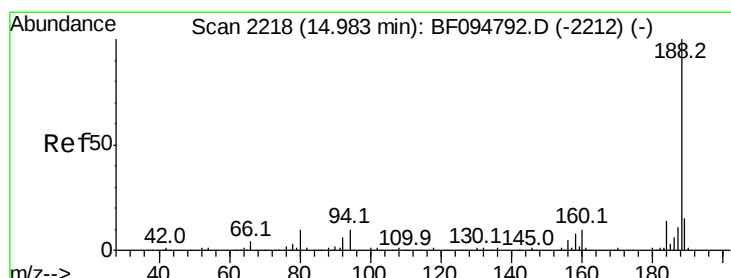
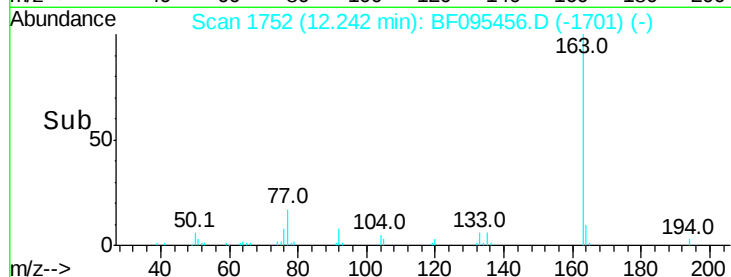
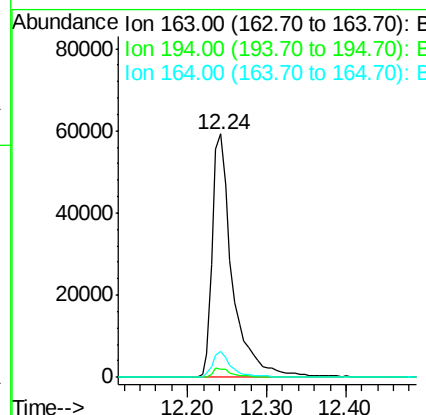
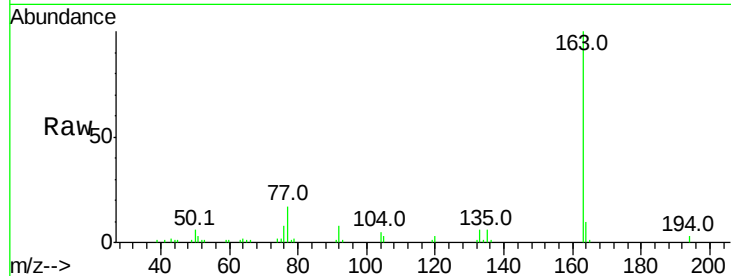
#49
Dimethylphthalate
Concen: 7.54 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Instrument :
BNA_F
ClientSampleId :
EP1-WC4(0-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.4	8.4	12.6	

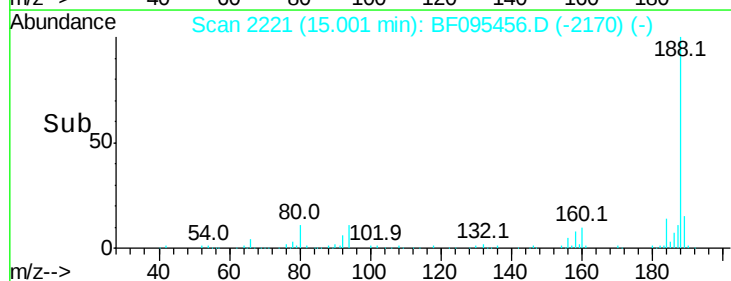
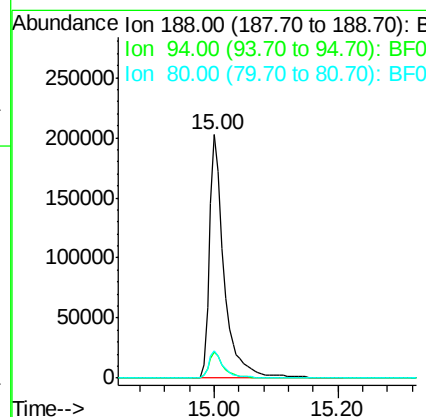
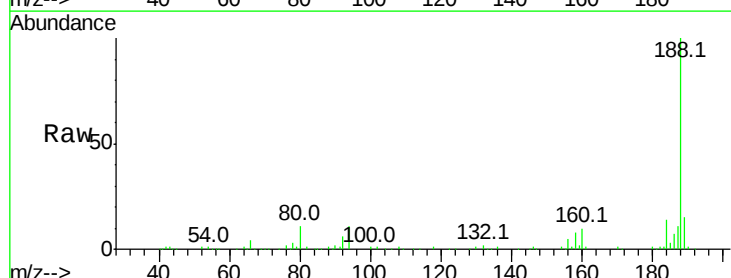
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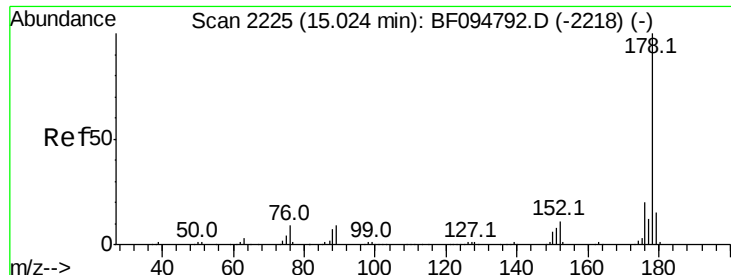
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	9.4	14.2	
80	11.2	10.2	15.2	





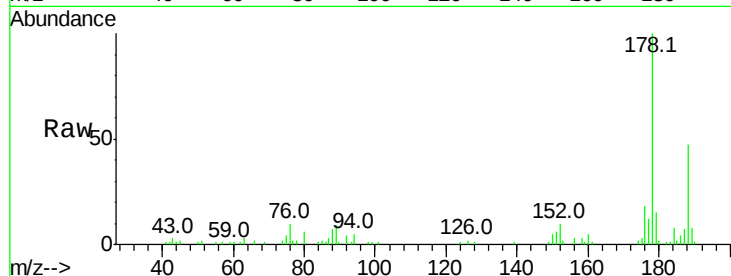
#70
 Phenanthrene
 Concen: 3.21 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC4(0-9.5)

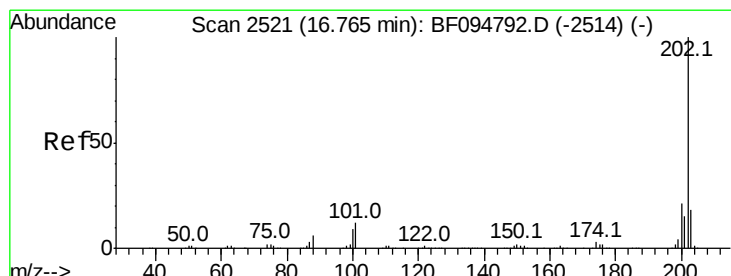
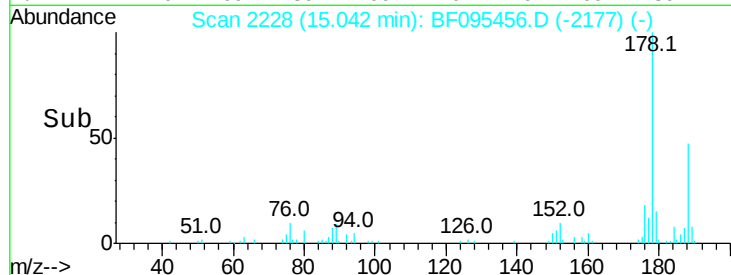
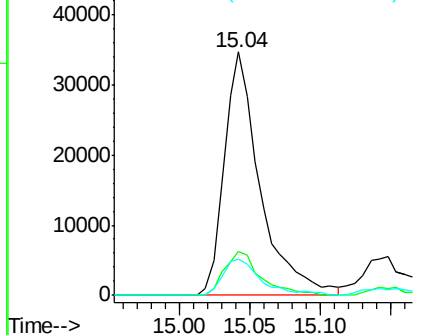
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.9	12.6	19.0

Manual Integrations
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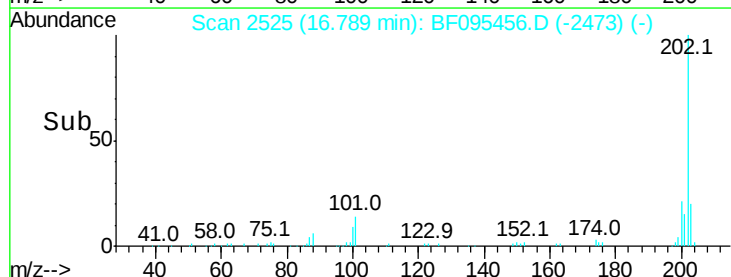
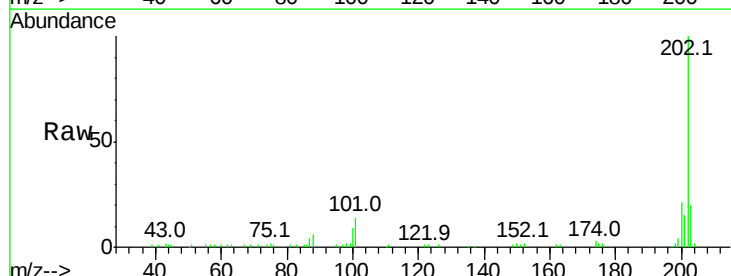
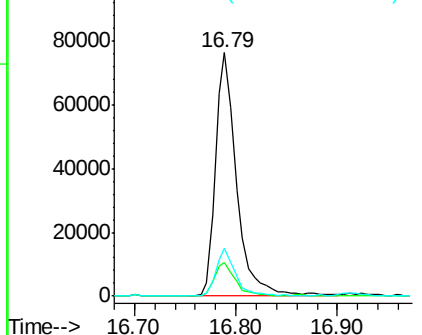
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



#74
 Fluoranthene
 Concen: 5.65 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	19.6	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





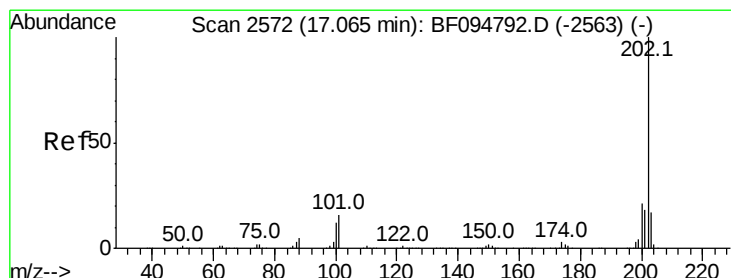
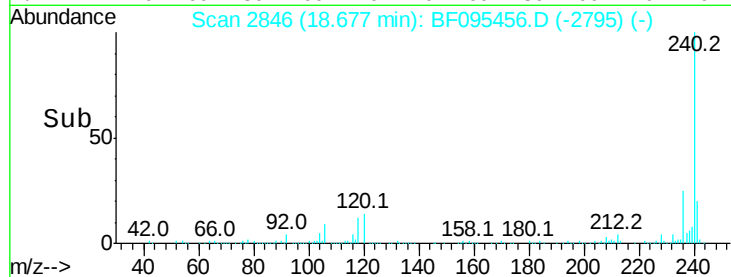
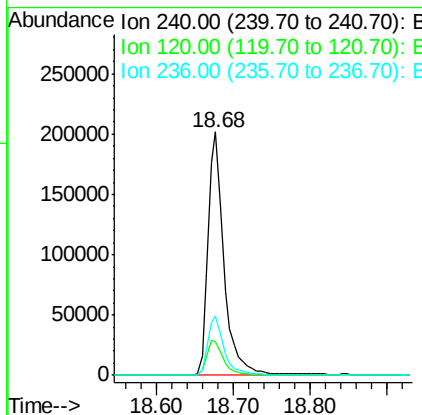
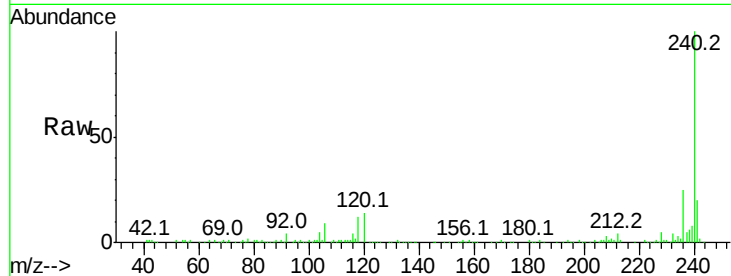
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Instrument :
 BNA_F
 ClientSampled :
 EP1-WC4(0-9.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.5	20.5	30.7

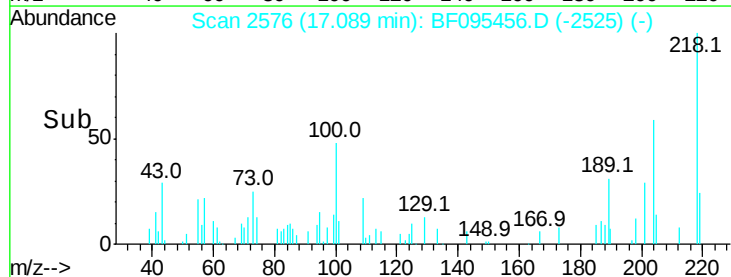
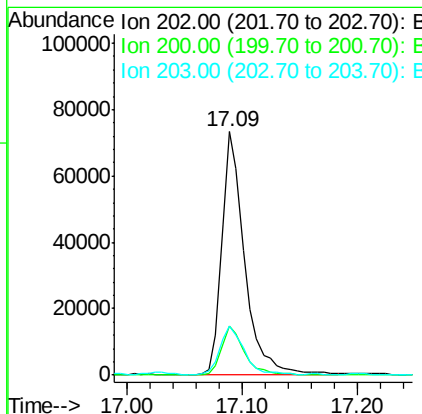
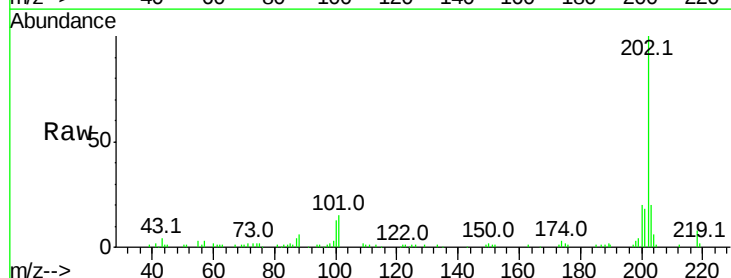
Manual Integrations
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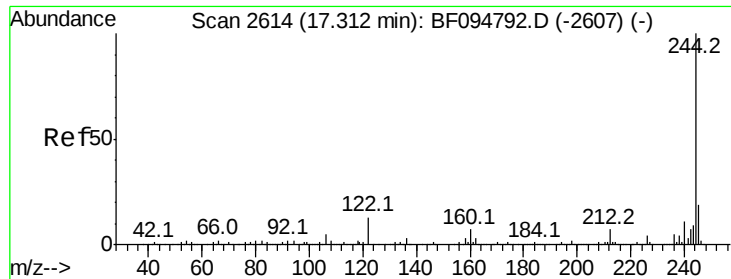
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#77
 Pyrene
 Concen: 4.66 ng
 RT: 17.09 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	20.3	14.4	21.6





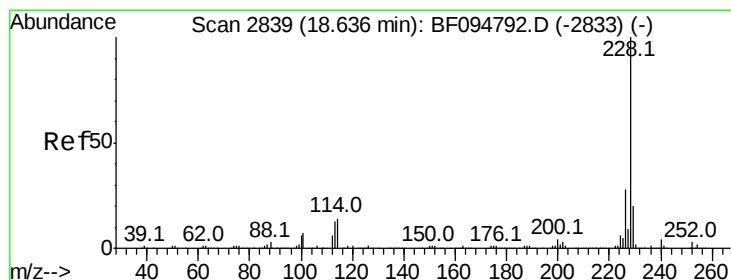
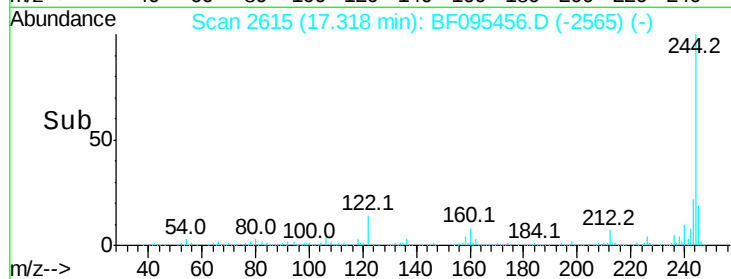
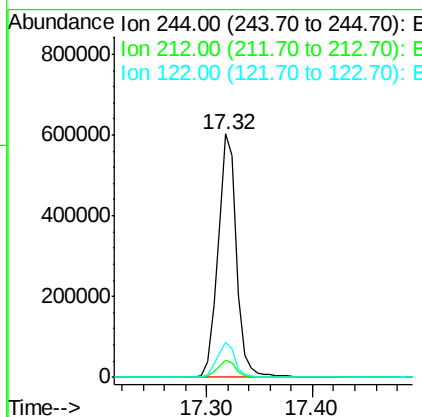
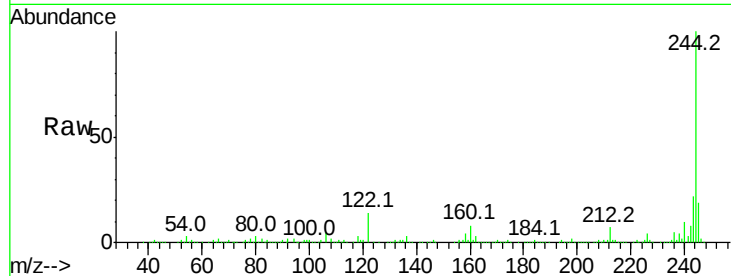
#78
 Terphenyl-d14
 Concen: 56.64 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC4(0-9.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.2	10.3	15.5

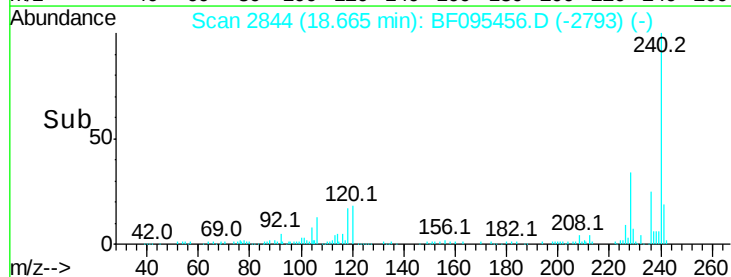
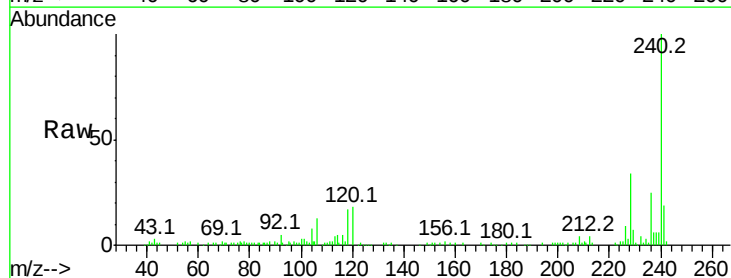
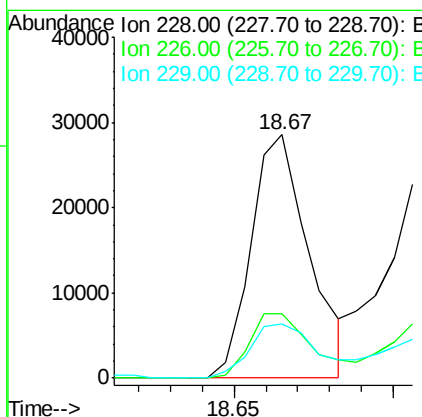
Manual Integrations
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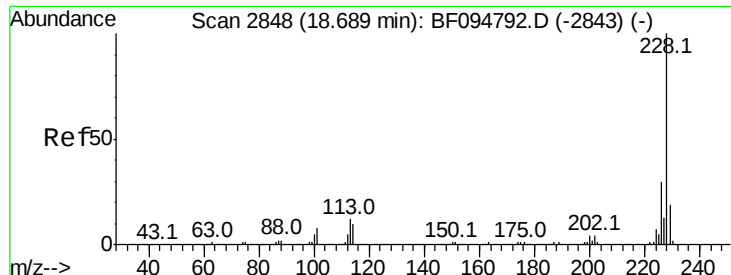
mohammad
 5/30/2017 1:35:51 PM



#80
 Benzo(a)anthracene
 Concen: 2.15 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BF095456.D
 Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	22.1	16.3	24.5





#82

Chrysene

Concen: 2.74 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF095456.D

Acq: 26 May 2017 12:37

Instrument :

BNA_F

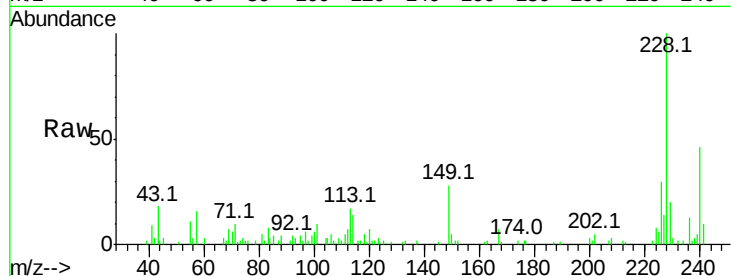
ClientSampleId :

EP1-WC4(0-9.5)

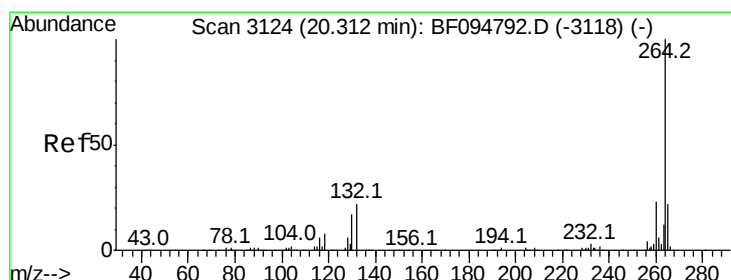
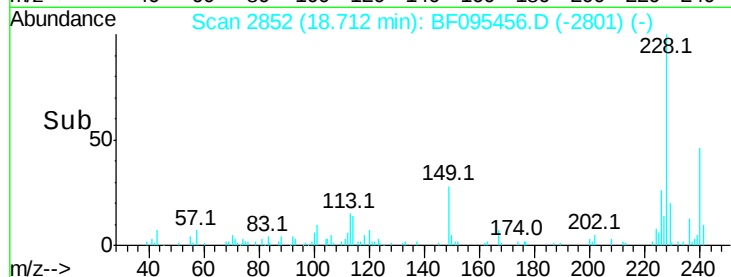
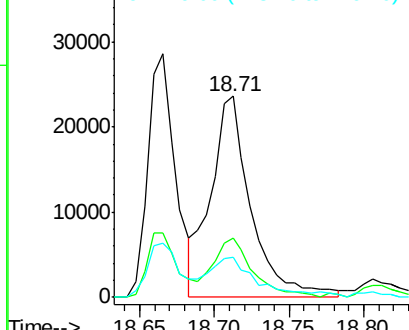
Tot Ion:	228	Resp:	44740
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.9	37.3
229	19.7	15.8	23.6

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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

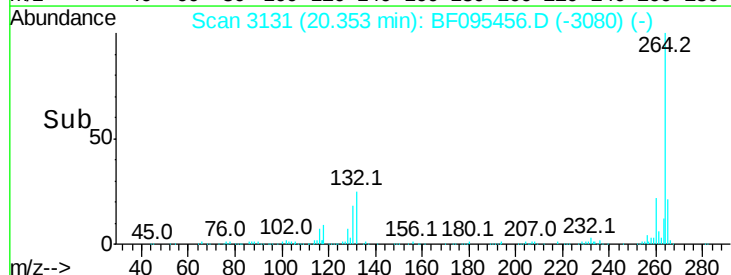
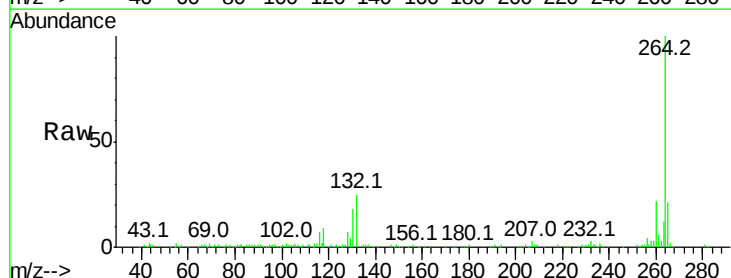
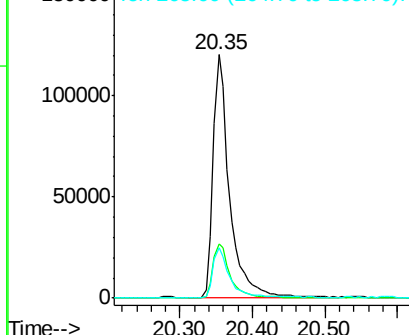
Delta R.T. -0.00 min

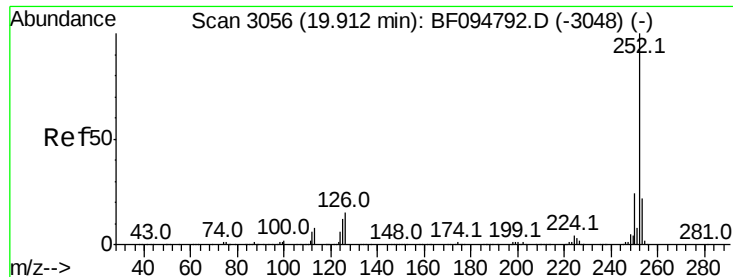
Lab File: BF095456.D

Acq: 26 May 2017 12:37

Tgt Ion:	264	Resp:	192845
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.5	29.3
265	20.6	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





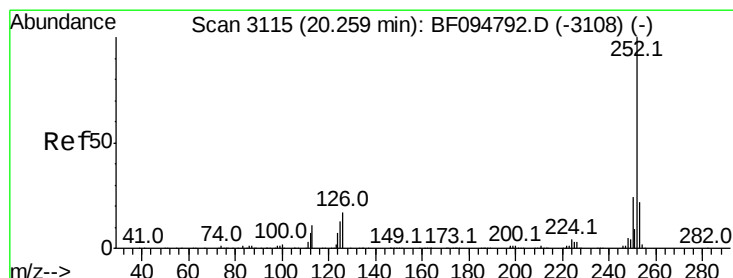
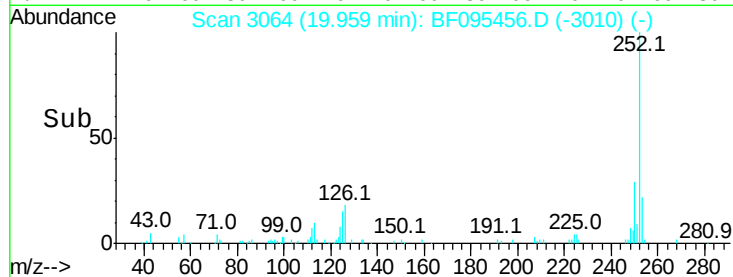
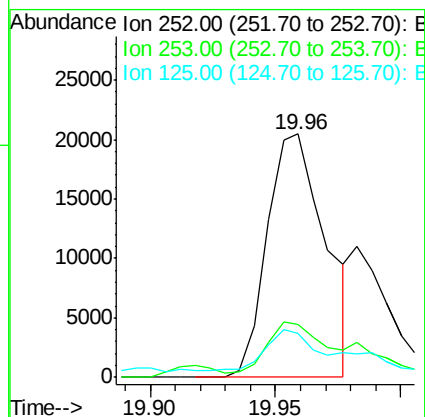
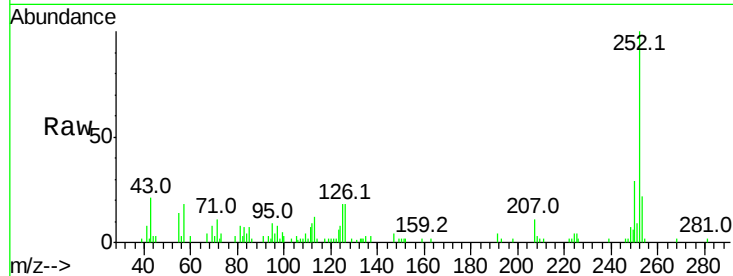
#87
Benzo(b)fluoranthene
Concen: 2.78 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Instrument :
BNA_F
ClientSampled :
EP1-WC4(0-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	33099		
253	22.0		18.1	27.1
125	18.0		9.8	14.8

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#89
Benzo(a)pyrene
Concen: 2.14 ng
RT: 20.31 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BF095456.D
Acq: 26 May 2017 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	23583		
253	25.6		17.5	26.3
125	16.0		11.0	16.4

