

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093945.D
 Acq On : 5 Sep 2017 20:14
 Operator : SJ/JU
 Sample : I5057-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MWHR3-8

Manual Integrations
 APPROVED

Sohil
 9/7/2017 6:31:58 PM

Quant Time: Sep 06 06:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2293	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10960	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6548	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11949	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	16724	0.40	ng	0.00
34) Perylene-d12	23.94	264	14055	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	903	0.12	ng	0.00
5) Phenol-d6	7.13	99	774	0.07	ng	0.01
8) Nitrobenzene-d5	9.08	82	2689	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5011	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	581	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8622	0.33	ng	0.00
25) Fluoranthene-d10	19.28	212	56639	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	15710	0.51	ng	0.00
Target Compounds						
26) Fluoranthene	19.31	202	1098	0.021	ng	Qvalue 94
30) Benzo(a)anthracene	21.40	228	1171	0.023	ng	# 69
31) Chrysene	21.46	228	1152	0.021	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.30	149	11702	0.094	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.60	276	784	0.022	ng	95

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

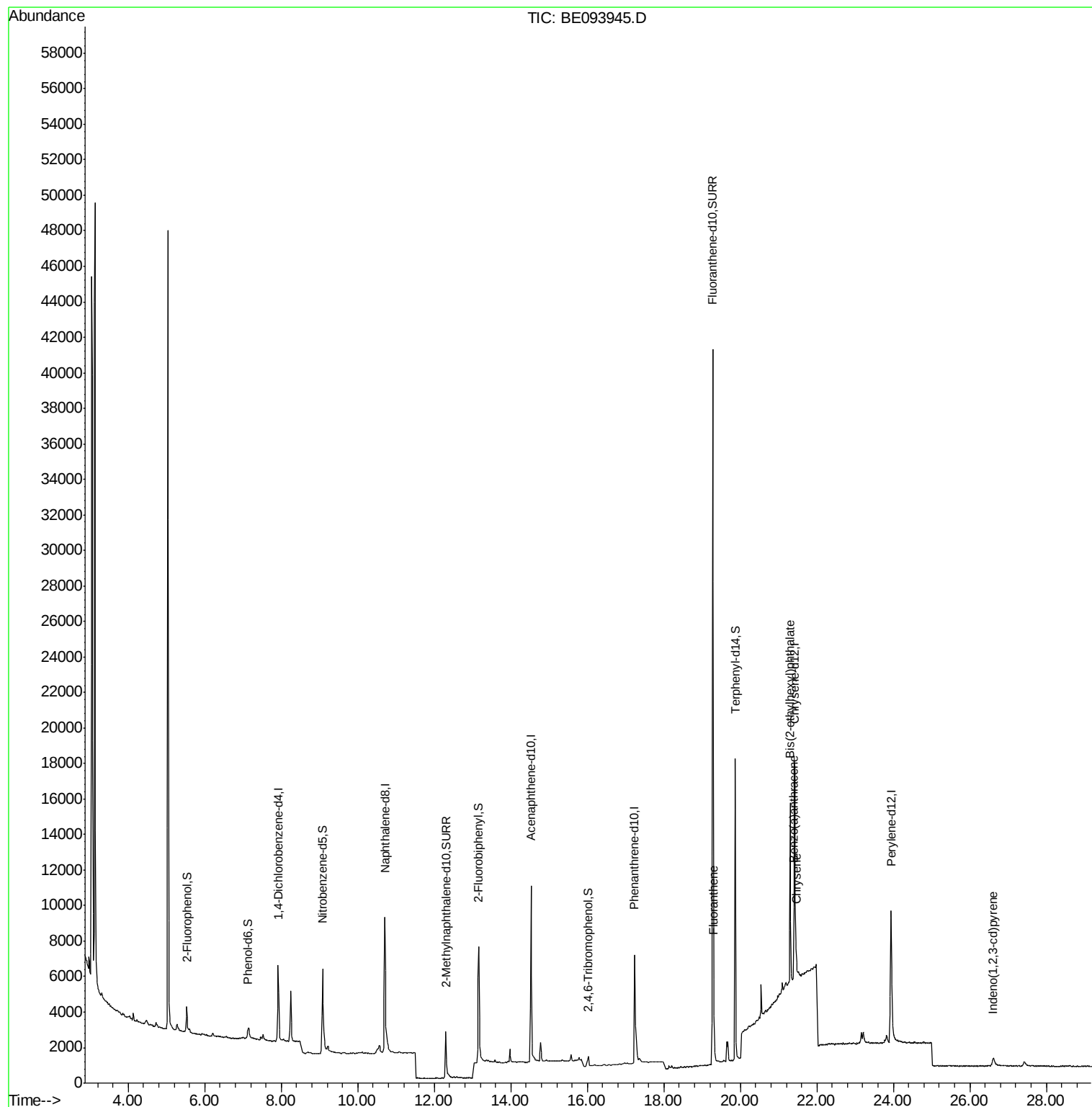
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093945.D
Acq On : 5 Sep 2017 20:14
Operator : SJ/JU
Sample : I5057-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MWHR3-8

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

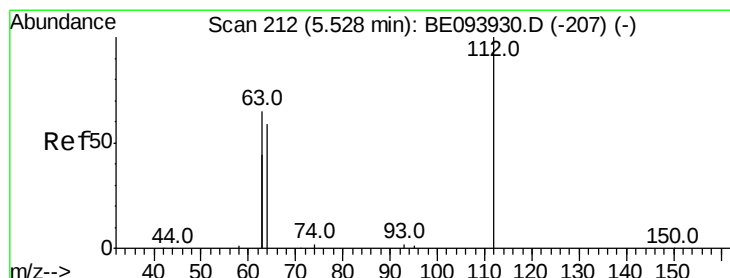
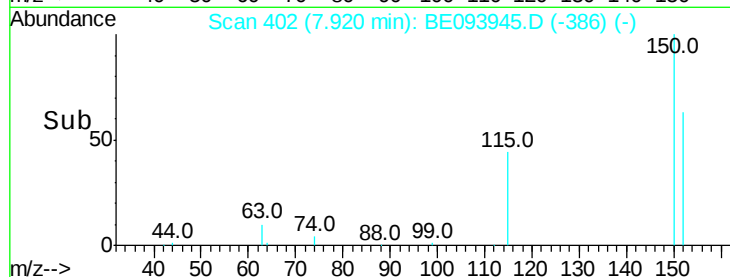
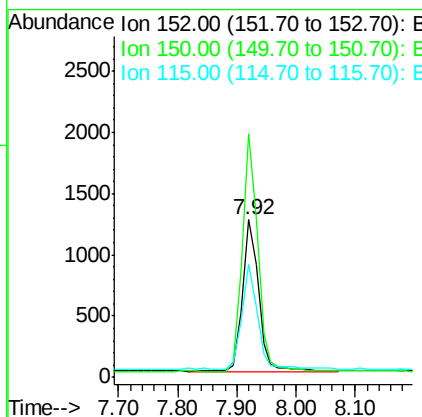
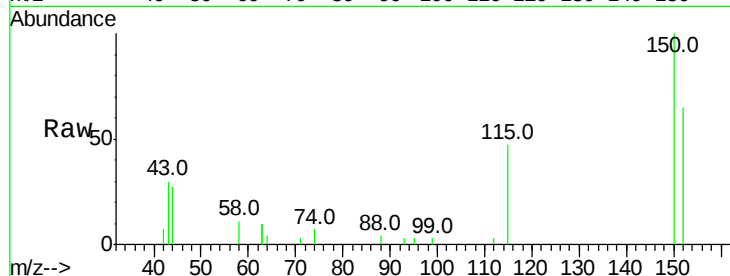
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Instrument :
BNA_E
ClientSampled :
MWHR3-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.8	182.6
115	72.1	52.6	79.0

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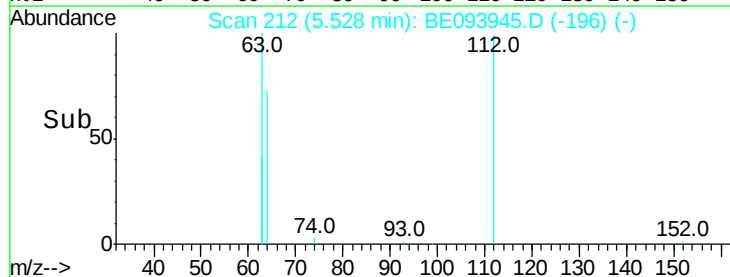
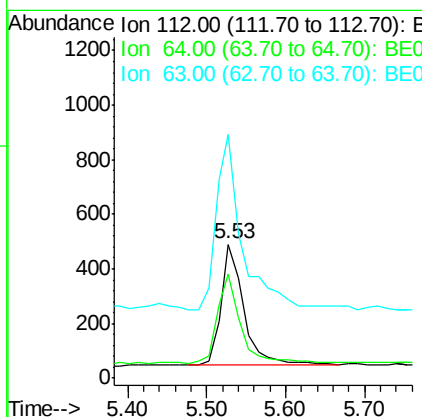
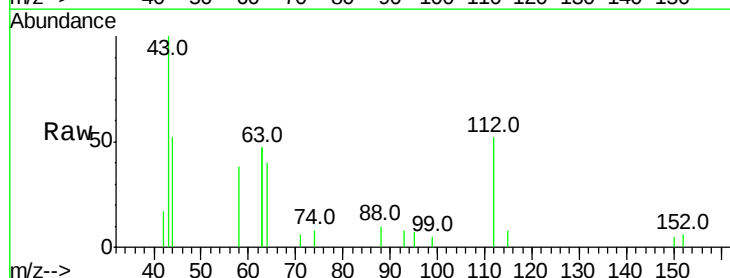
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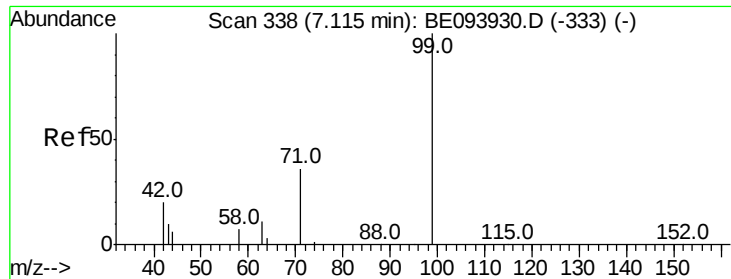


#4

2-Fluorophenol
Concen: 0.122 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	57.7	86.5
63	159.9	116.0	174.0





#5

Phenol-d6

Concen: 0.070 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Instrument :

BNA_E

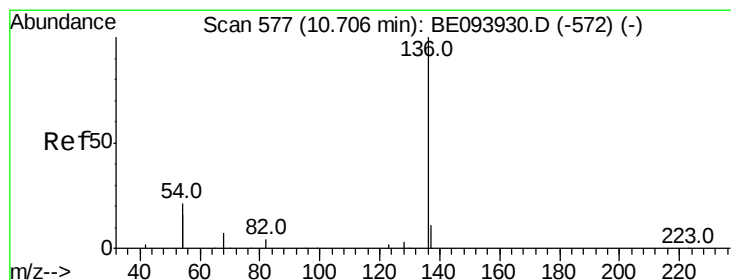
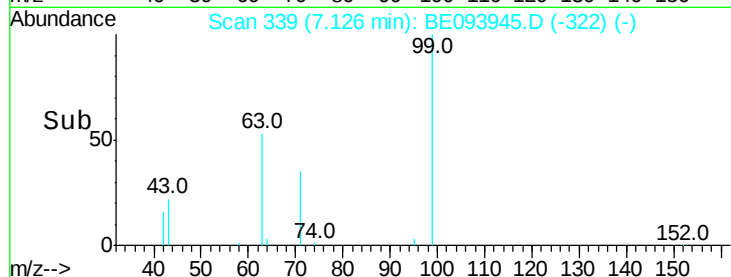
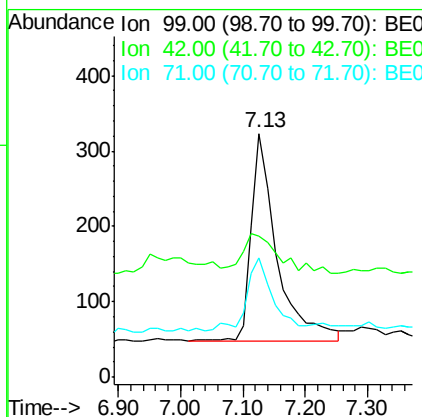
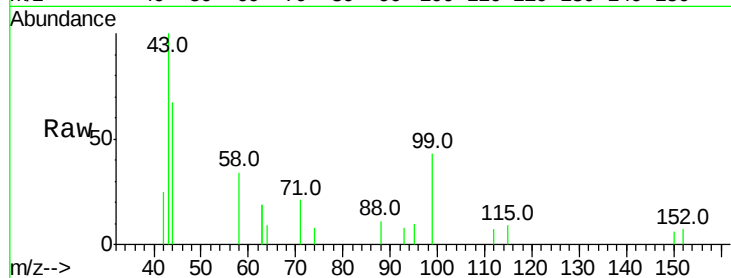
ClientSampled :

MWHR3-8

Tot Ion:	99	Resp:	774
Ion	Ratio	Lower	Upper
99	100		
42	29.1	17.1	25.7#
71	36.7	26.6	39.8

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#7

Naphthalene-d8

Concen: 0.400 ng

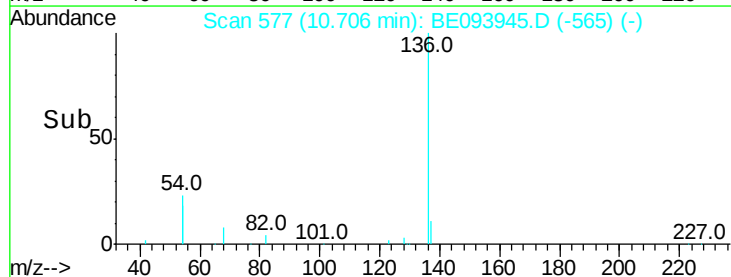
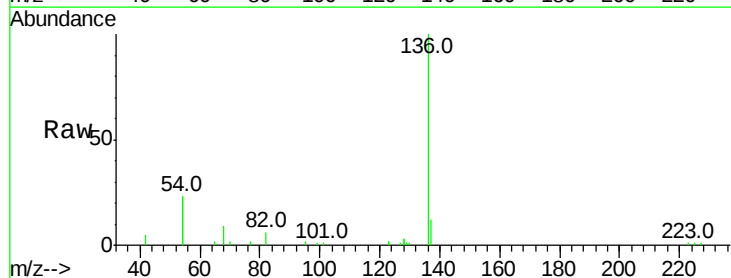
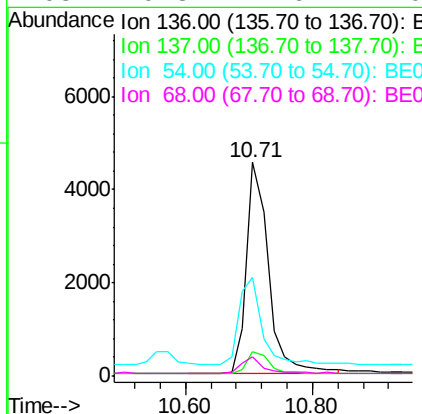
RT: 10.71 min Scan# 577

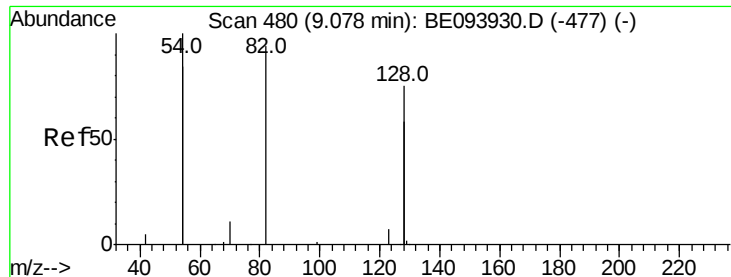
Delta R.T. -0.00 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Tgt Ion:	136	Resp:	10960
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	46.4	21.9	32.9#
68	9.3	4.6	7.0#





#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Instrument :

BNA_E

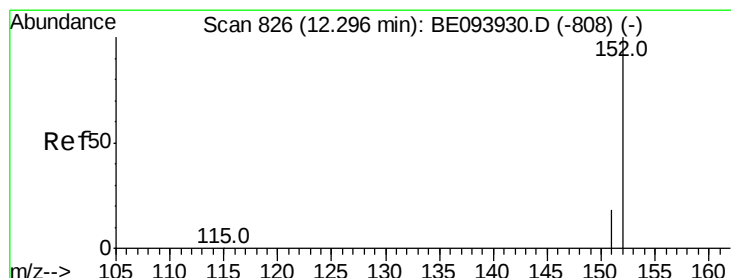
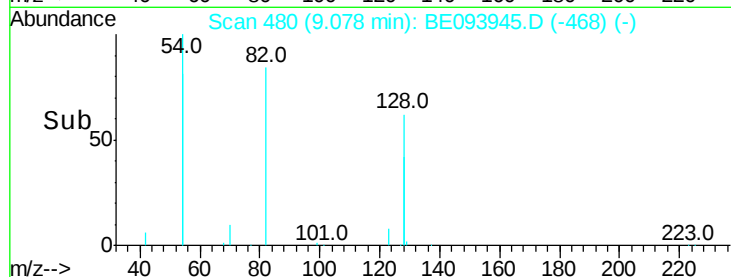
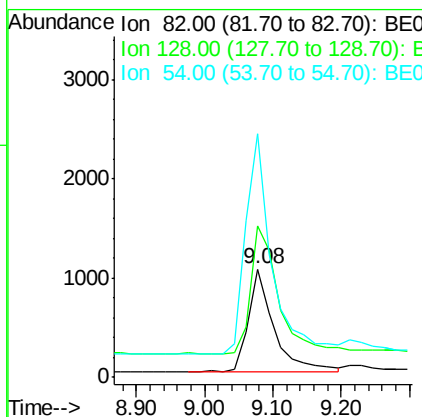
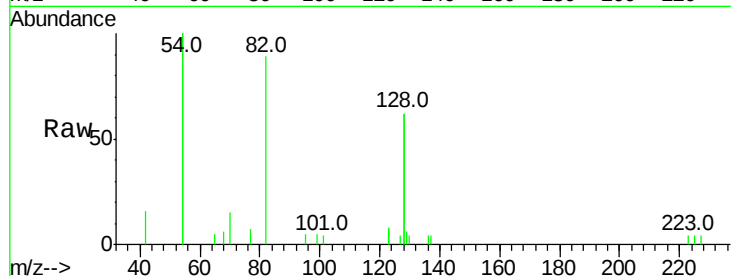
ClientSampleId :

MWHR3-8

Tot Ion	82	Resp	2689
Ion	Ratio	Lower	Upper
82	100		
128	139.6	91.4	137.0#
54	224.3	197.8	296.8

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#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

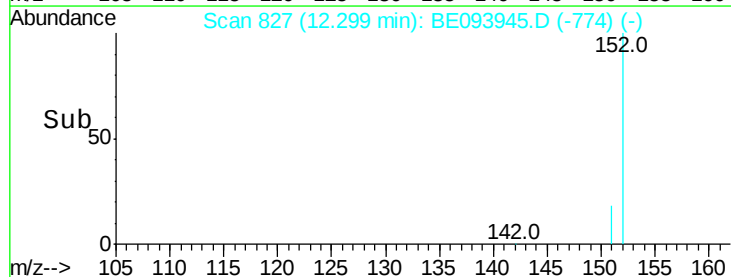
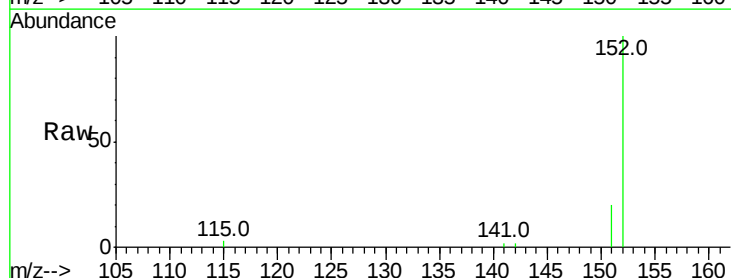
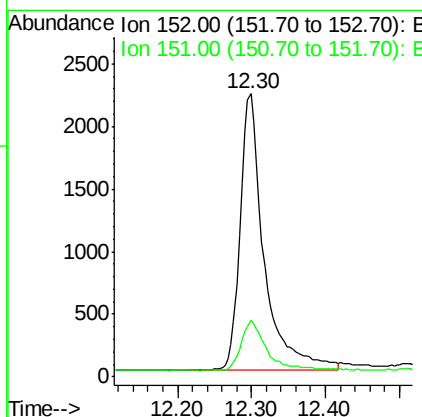
RT: 12.30 min Scan# 827

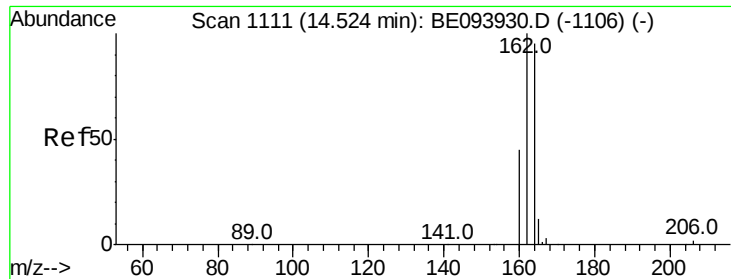
Delta R.T. 0.00 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Tgt Ion	152	Resp	5011
Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0





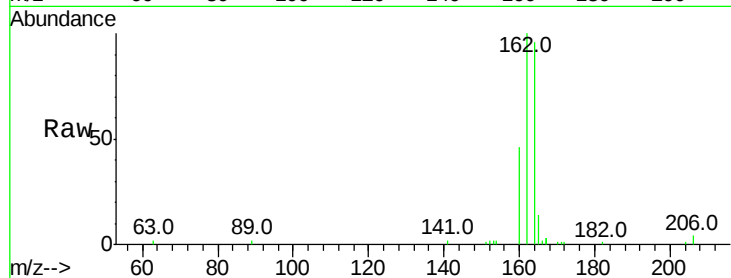
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093945.D
 Acq: 5 Sep 2017 20:14

Instrument :
 BNA_E
 ClientSampled :
 MWHR3-8

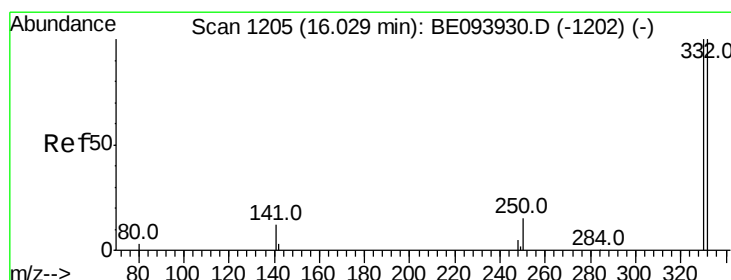
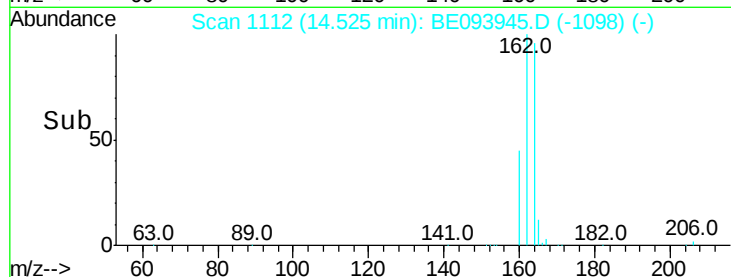
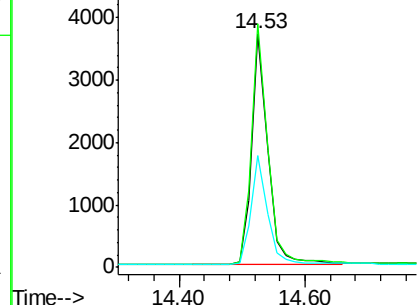
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.8	121.2
160	48.0	37.0	55.4

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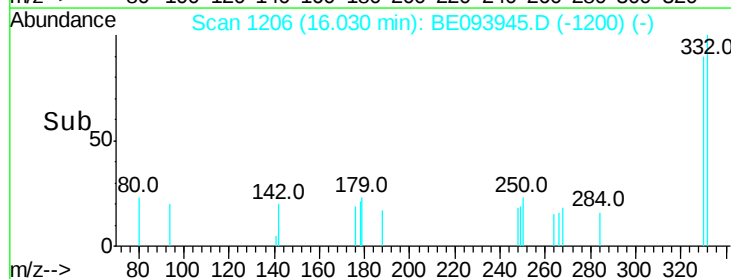
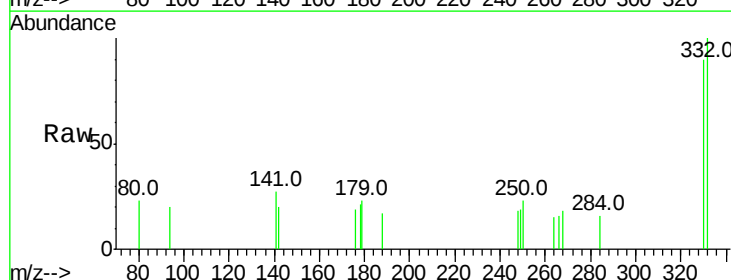
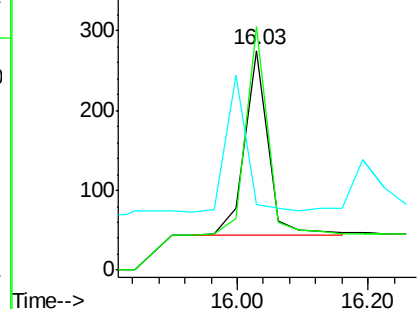
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

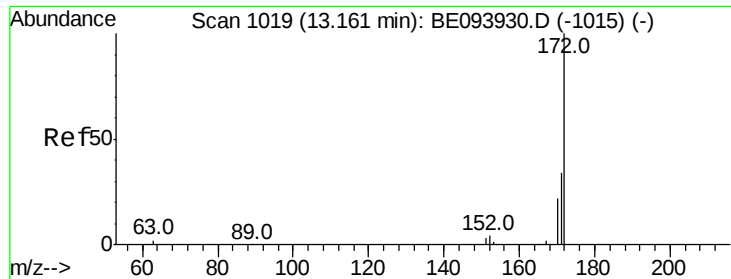


#14
 2,4,6-Tribromophenol
 Concen: 0.287 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093945.D
 Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.6	76.9	115.3
141	0.0	0.0	0.0

Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





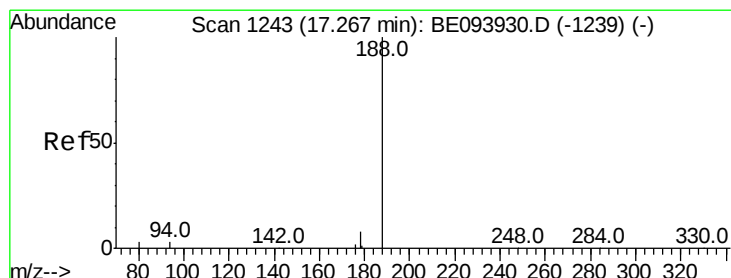
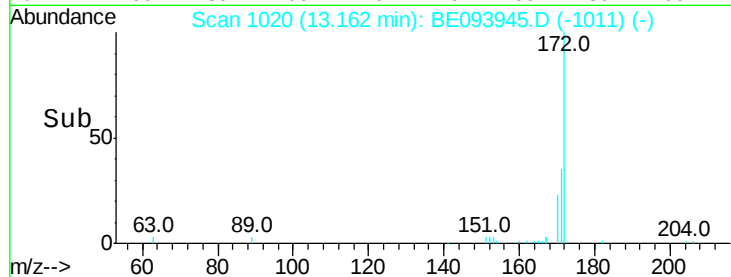
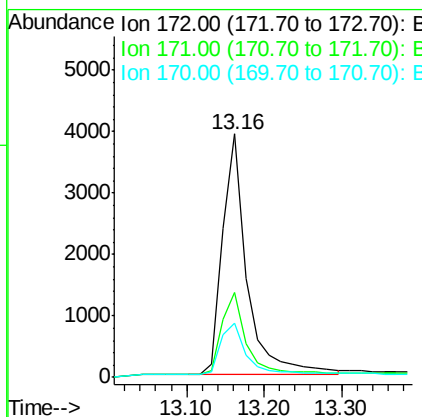
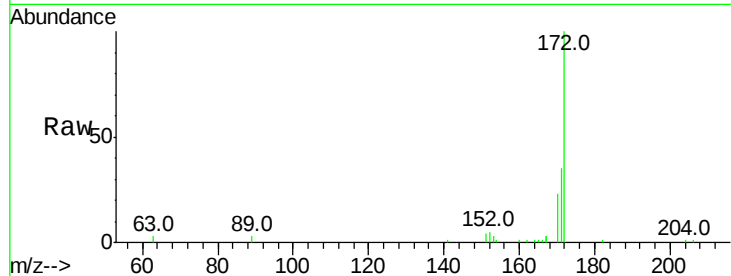
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Instrument :
BNA_E
ClientSampled :
MWHR3-8

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	22.5	17.3	25.9

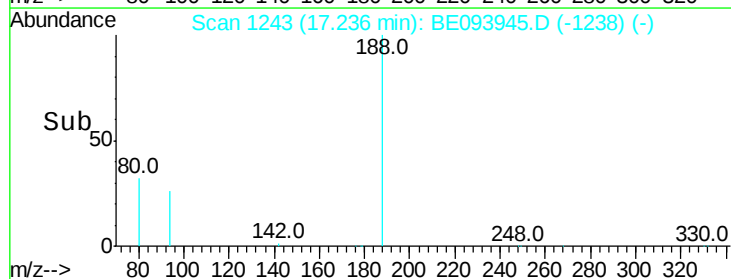
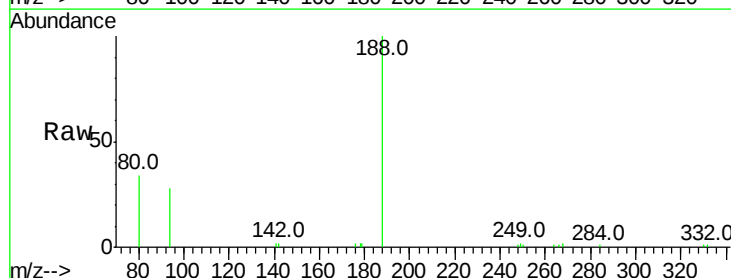
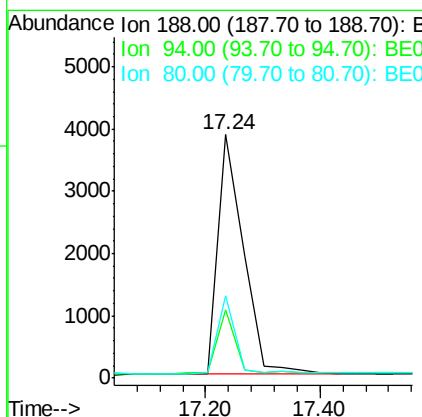
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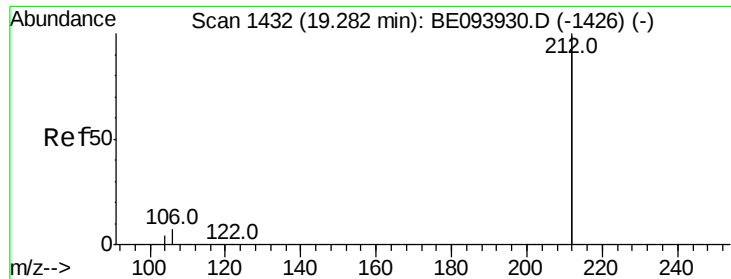
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	27.9	16.1	24.1#
80	33.7	18.2	27.2#





#25

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Instrument :

BNA_E

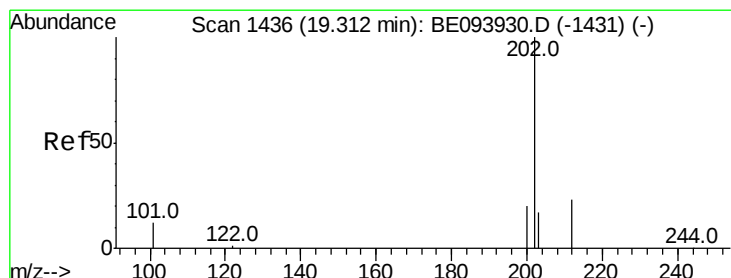
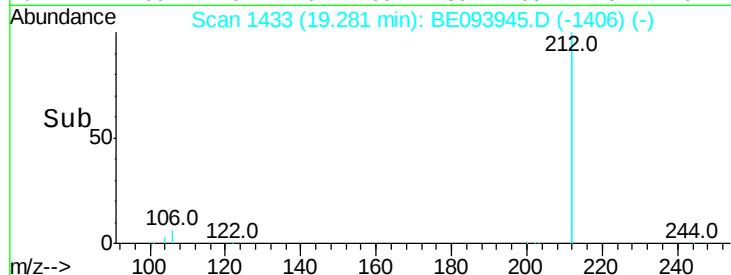
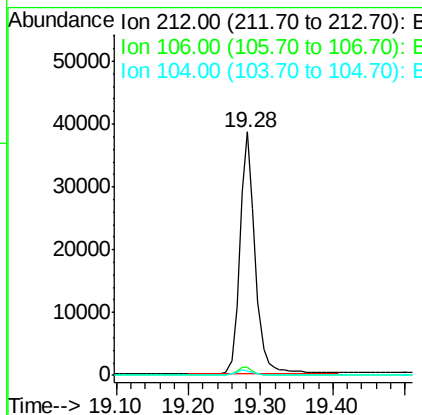
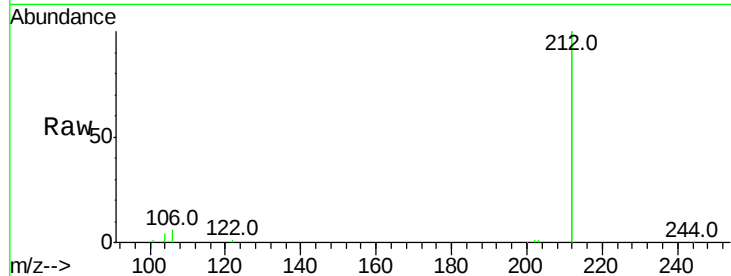
ClientSampled :

MWHR3-8

Tot Ion:	212	Resp:	56639
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.7	4.1
104	2.0	1.6	2.4

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#26

Fluoranthene

Concen: 0.021 ng

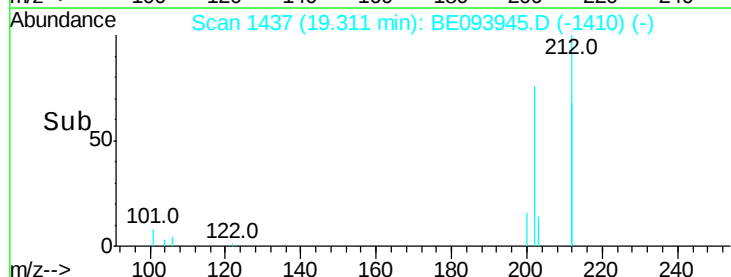
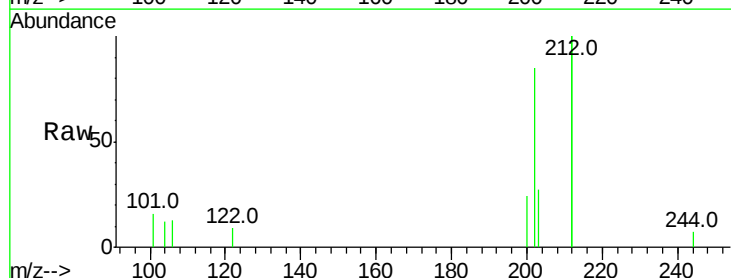
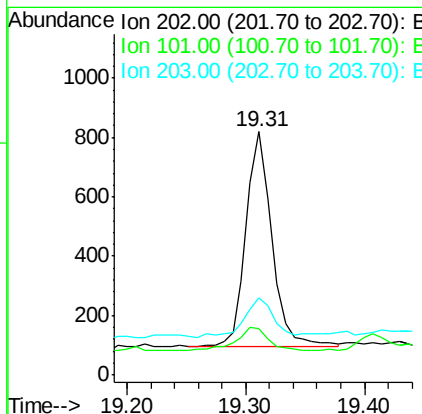
RT: 19.31 min Scan# 1437

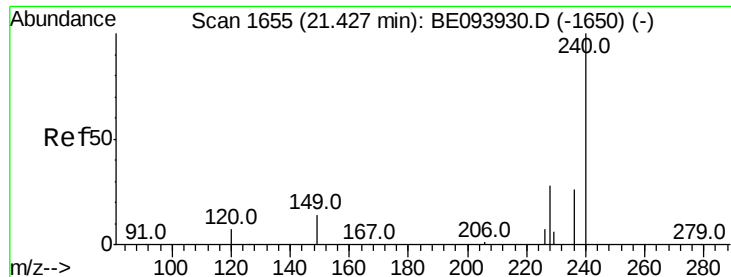
Delta R.T. -0.00 min

Lab File: BE093945.D

Acq: 5 Sep 2017 20:14

Tgt Ion:	202	Resp:	1098
Ion Ratio	Lower	Upper	
202	100		
101	13.9	9.7	14.5
203	20.2	13.7	20.5





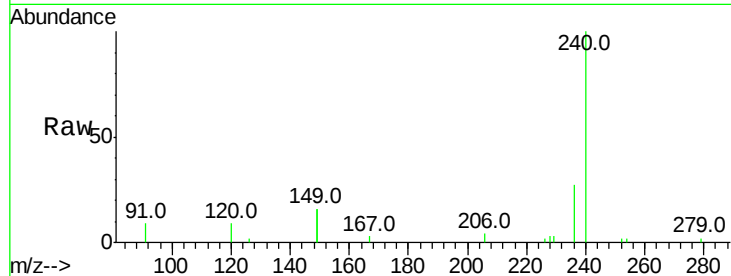
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Instrument :
BNA_E
ClientSampleId :
MWHHR3-8

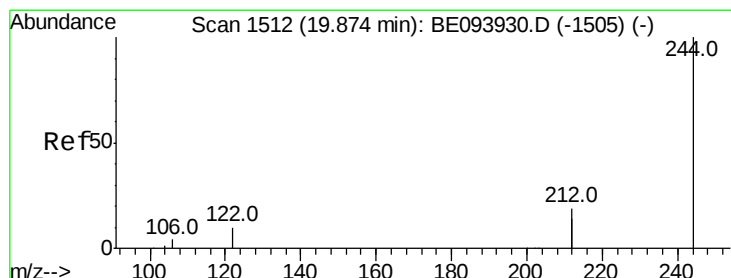
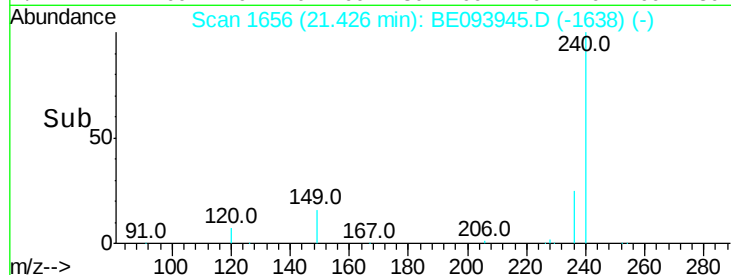
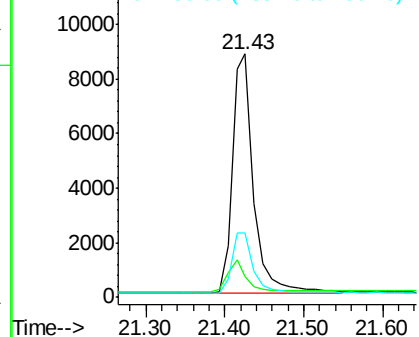
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.7	13.1
236	26.6	21.3	31.9

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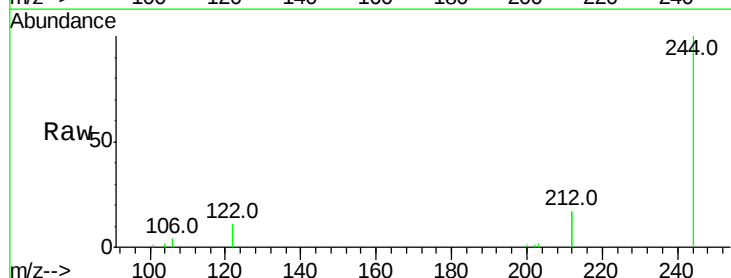


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

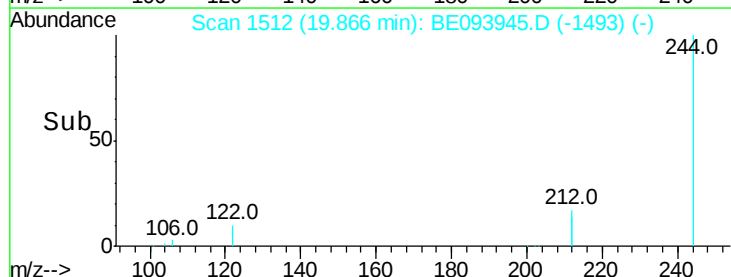
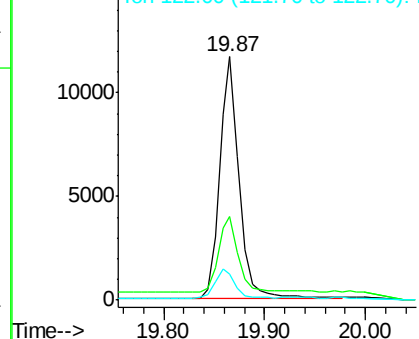


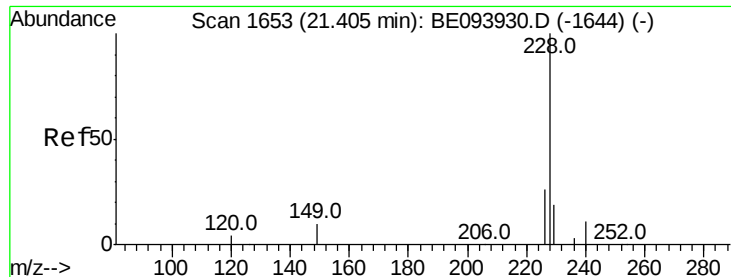
#29
Terphenyl-d14
Concen: 0.511 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.1	28.3	42.5
122	10.8	9.4	14.0



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





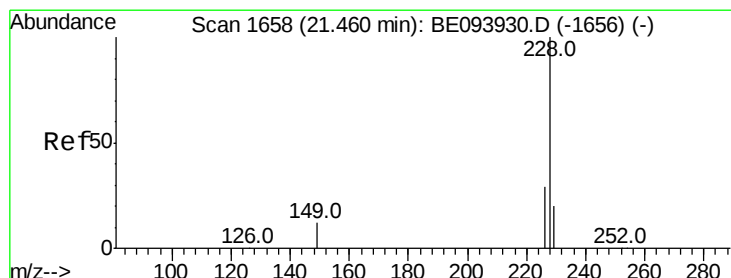
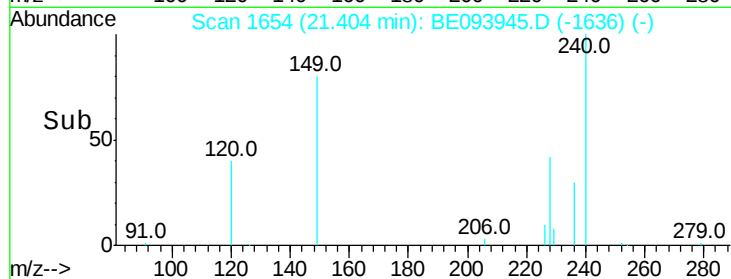
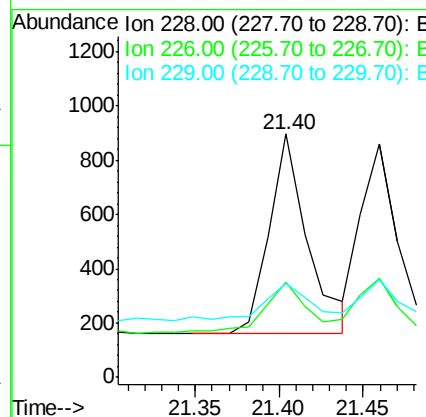
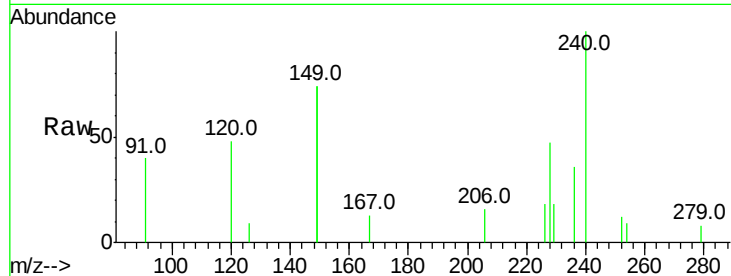
#30
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Instrument :
BNA_E
ClientSampleId :
MWHR3-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.9	20.8	31.2#
229	38.8	16.6	25.0#

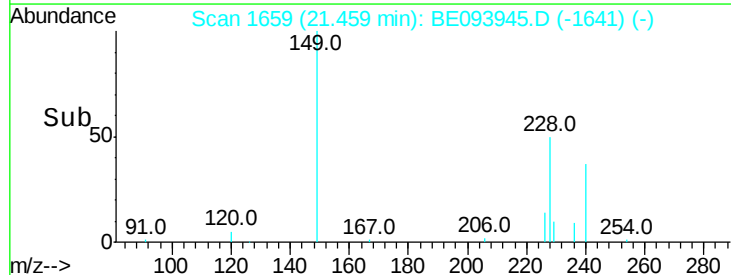
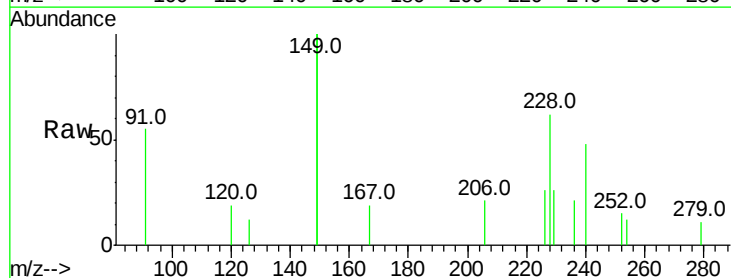
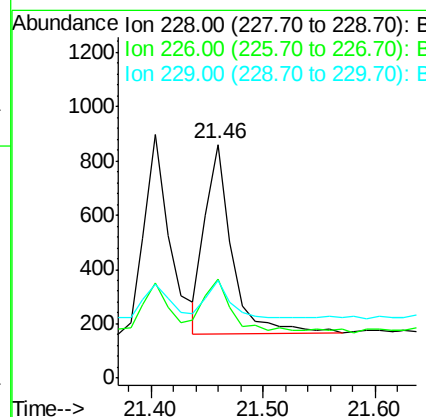
Manual Integrations
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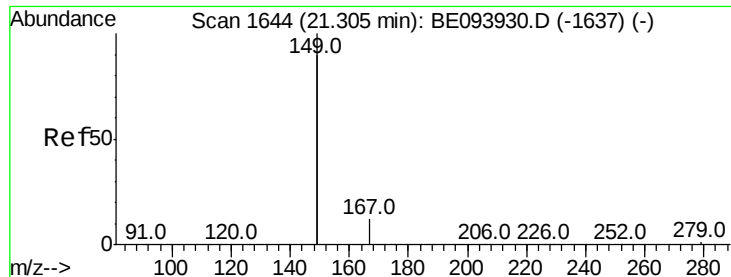
Sohil
9/7/2017 6:31:58 PM



#31
Chrysene
Concen: 0.021 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.6	24.6	37.0#
229	42.1	15.8	23.8#





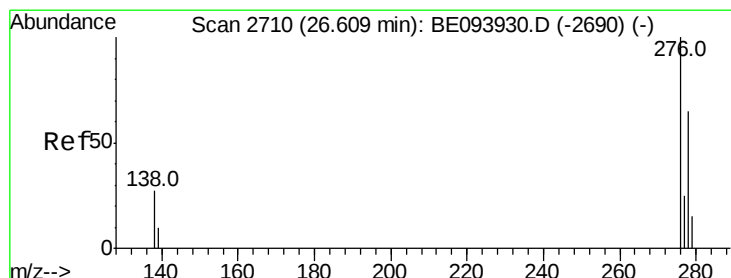
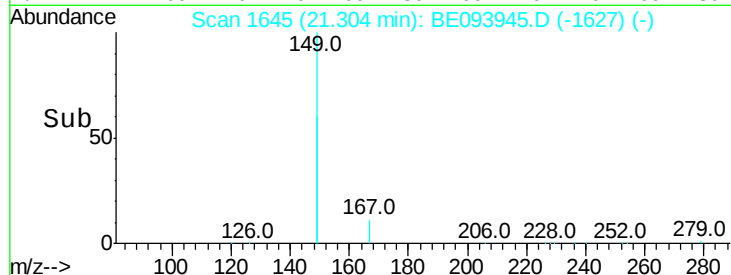
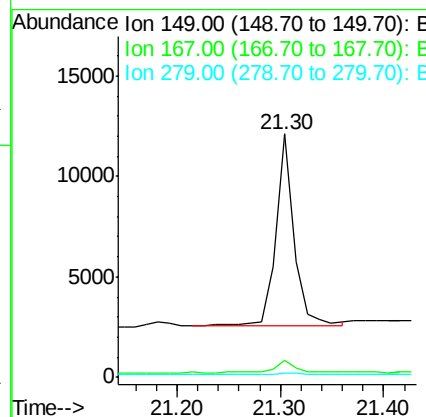
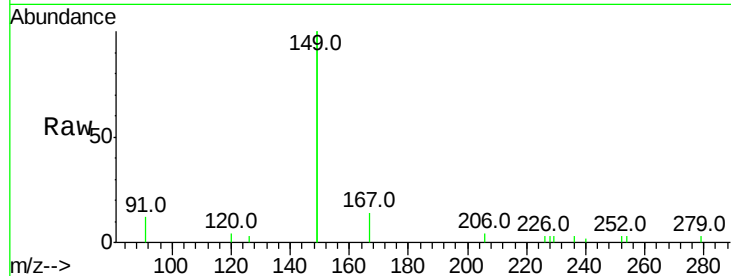
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093945.D
 Acq: 5 Sep 2017 20:14

Instrument :
 BNA_E
 ClientSampleId :
 MWHR3-8

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.2	0.7	1.1#

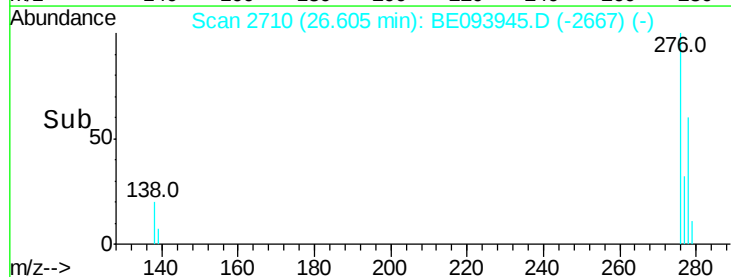
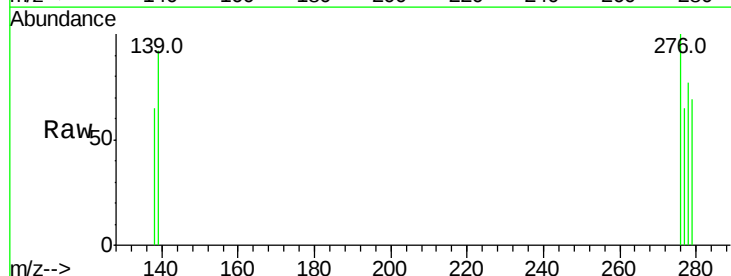
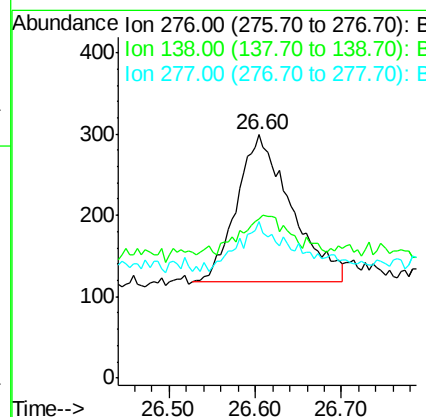
Manual Integrations
 APPROVED

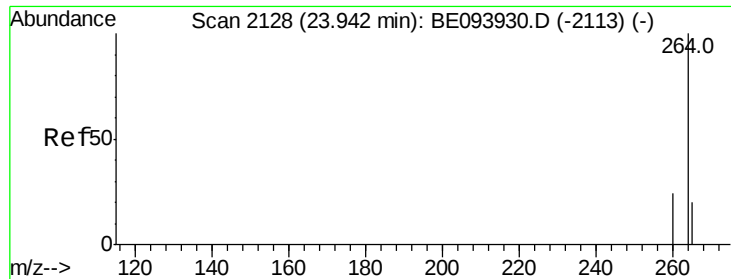
Sohil
 9/7/2017 6:31:58 PM



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng
 RT: 26.60 min Scan# 2710
 Delta R.T. -0.00 min
 Lab File: BE093945.D
 Acq: 5 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.2	33.2
277	21.3	19.5	29.3





#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093945.D
Acq: 5 Sep 2017 20:14

Instrument :
BNA_E
ClientSampleId :
MWHR3-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	39.2	24.0	36.0

Manual Integrations
APPROVED

Sohil
9/7/2017 6:31:58 PM

