

Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
 Data File : BE095116.D
 Acq On : 25 Jan 2018 15:30
 Operator : SJ/JU
 Sample : J1236-06DL2 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-2DL2

Manual Integrations
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Sohil
 1/26/2018 11:22:02 AM

Quant Time: Jan 25 20:07:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5397	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	12494	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7379	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	16948	0.40	ng	0.00
27) Chrysene-d12	21.82	240	17000	0.40	ng	-0.01
34) Perylene-d12	24.48	264	15458	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	74	0.01	ng	0.00
5) Phenol-d6	7.58	99	366	0.03	ng	0.00
8) Nitrobenzene-d5	9.63	82	591	0.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	149	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	104	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.67	172	2579	0.08	ng	-0.01
25) Fluoranthene-d10	19.71	212	1636	0.01	ng	0.00
29) Terphenyl-d14	20.28	244	14038	0.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.34	128	324551	2.270	ng	99
12) 2-Methylnaphthalene	12.91	142	4006	0.163	ng	99
18) Fluorene	16.05	166	702	0.022	ng	# 81
23) Phenanthrene	17.77	178	4135	0.079	ng	98
26) Fluoranthene	19.74	202	4500	0.072	ng	# 97
28) Pyrene	20.10	202	4223	0.059	ng	# 92
30) Benzo(a)anthracene	21.81	228	1957	0.037	ng	# 94
31) Chrysene	21.87	228	1576	0.029	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.68	149	21664	0.293	ng	# 99
35) Benzo(b)fluoranthene	23.65	252	1974	0.036	ng	# 72

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

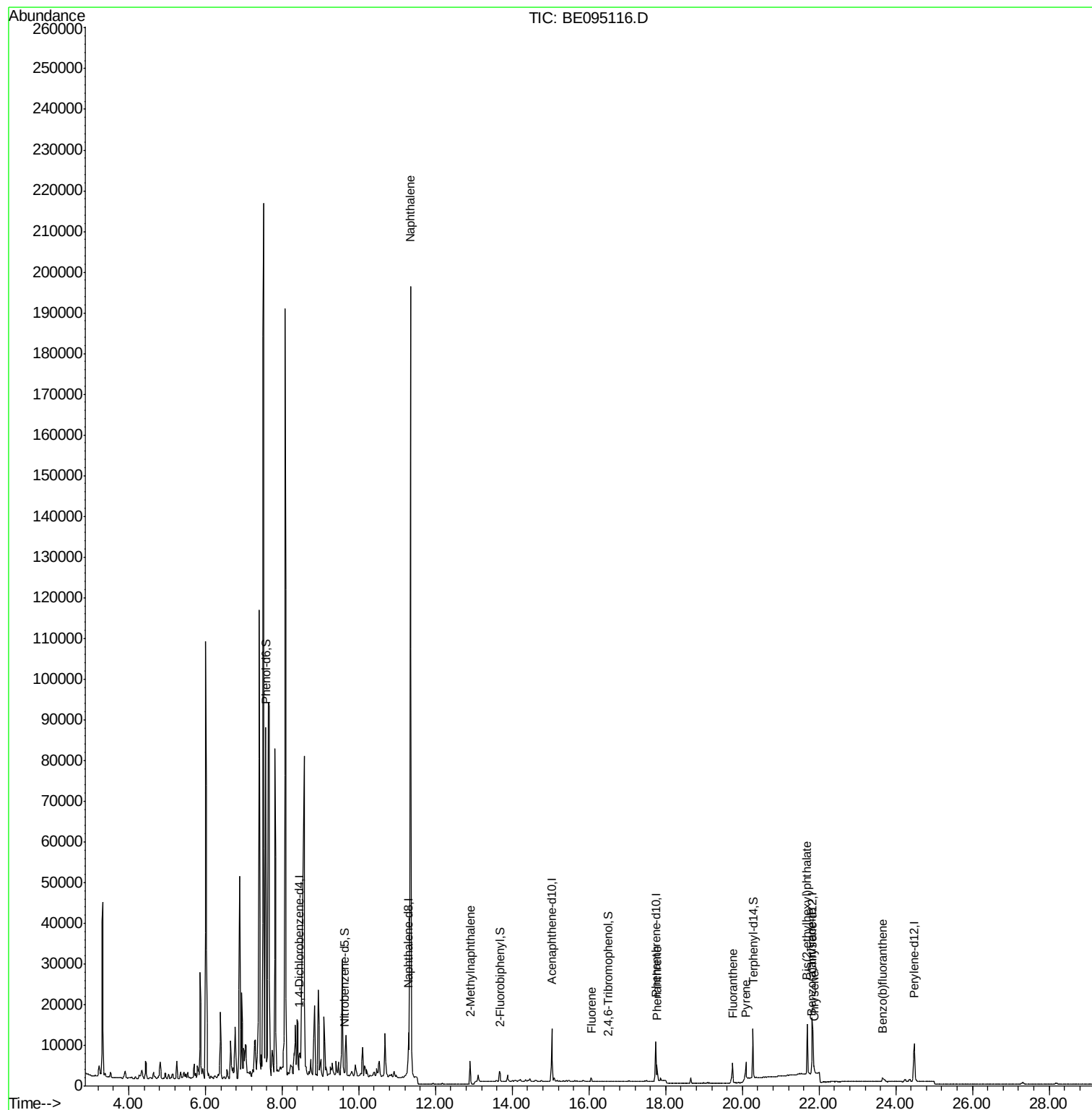
Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
Data File : BE095116.D
Acq On : 25 Jan 2018 15:30
Operator : SJ/JU
Sample : J1236-06DL2 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

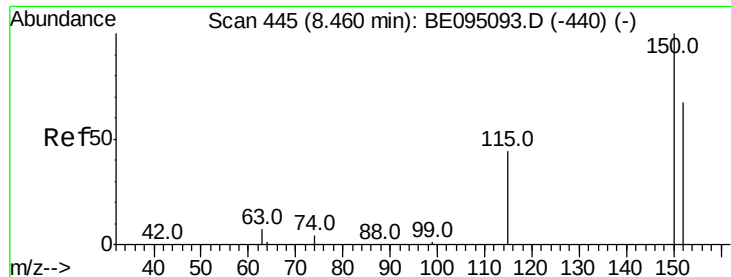
Instrument :
BNA_E
ClientSampleId :
TW-2DL2

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Quant Time: Jan 25 20:07:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

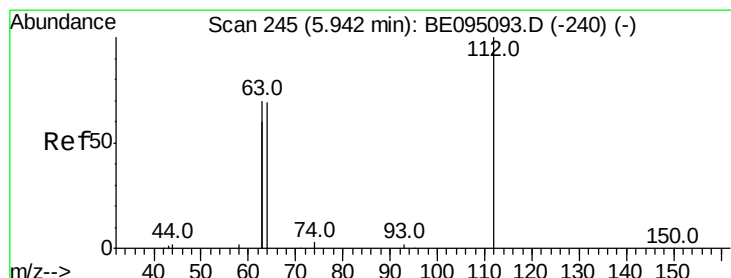
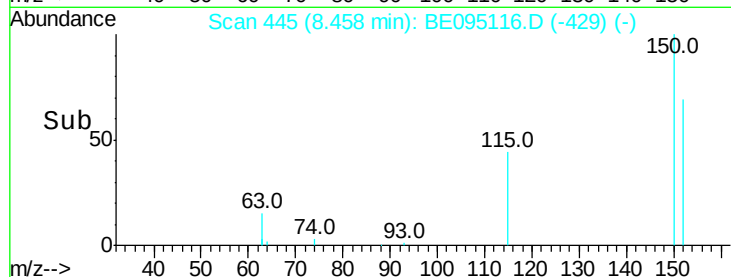
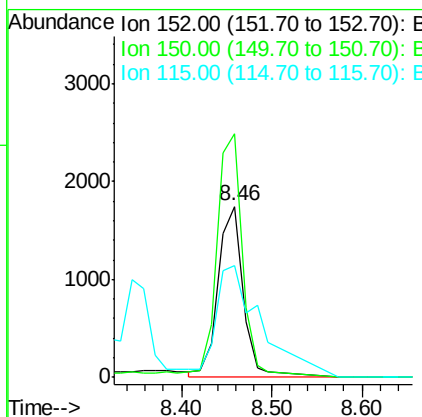
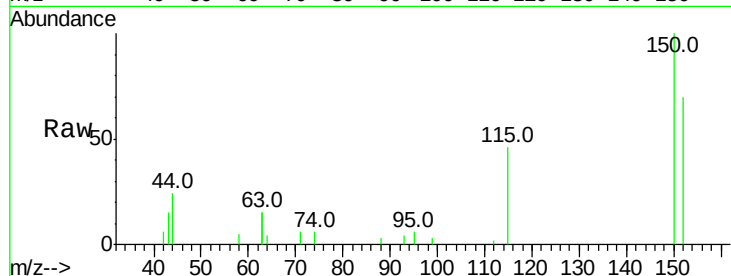
ClientSampled :

TW-2DL2

Tot Ion:	152	Resp:	5397
Ion	Ratio	Lower	Upper
152	100		
150	142.7	117.2	175.8
115	65.6	57.0	85.6

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#4

2-Fluorophenol

Concen: 0.008 ng

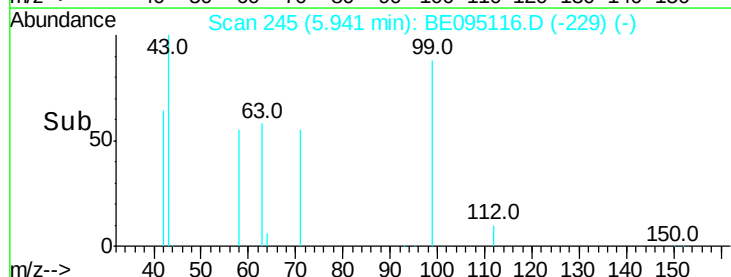
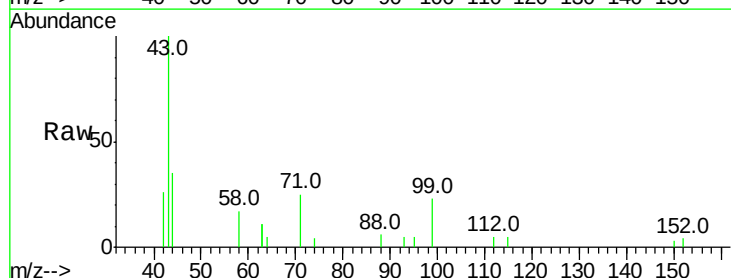
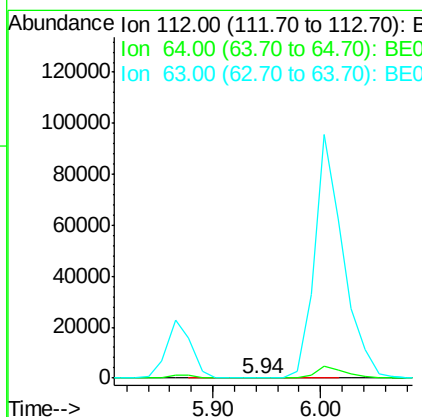
RT: 5.94 min Scan# 245

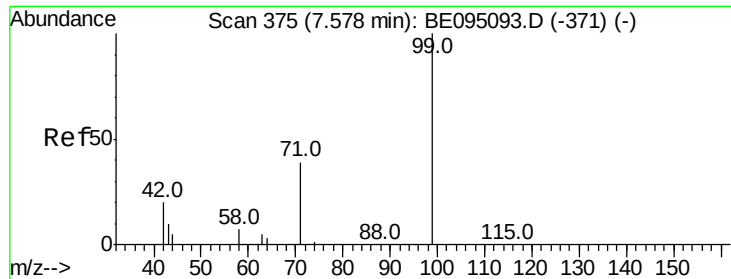
Delta R.T. -0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Tgt Ion:	112	Resp:	74
Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.028 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

ClientSampled :

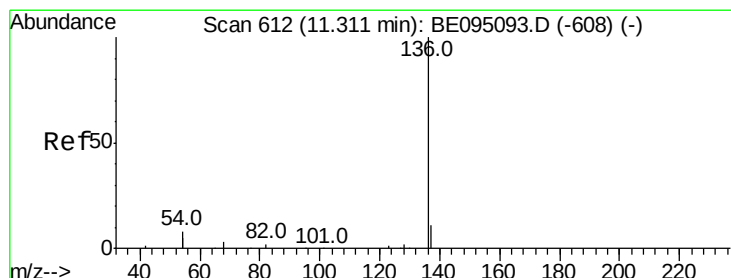
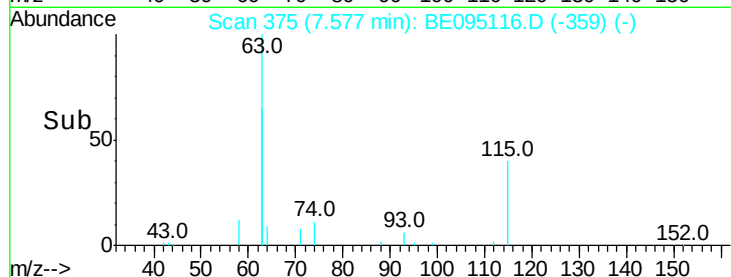
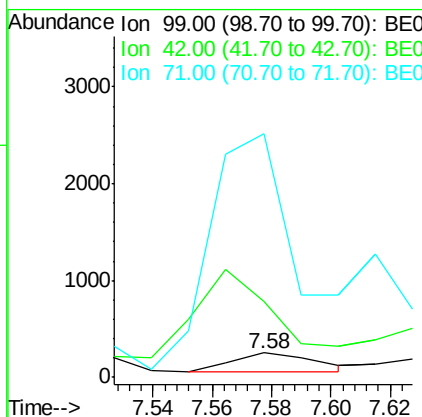
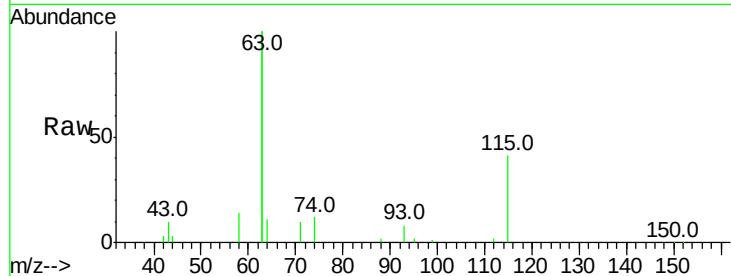
TW-2DL2

Tot Ion: 99 Resp: 366

Ion	Ratio	Lower	Upper
99	100		
42	463.7	20.2	30.2#
71	1773.8	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 611

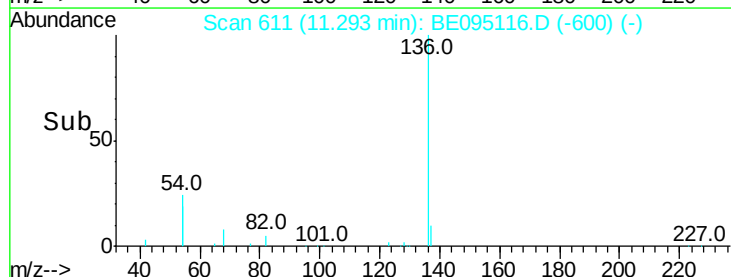
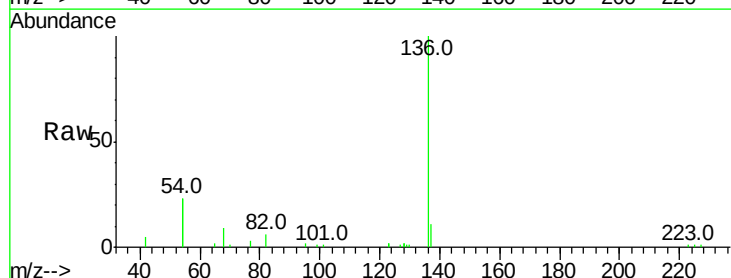
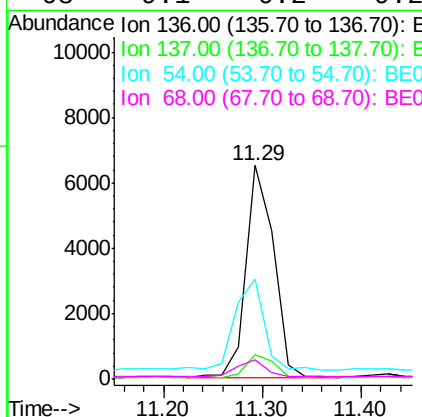
Delta R.T. -0.02 min

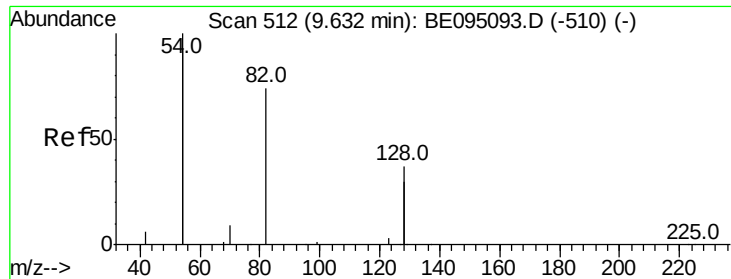
Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Tgt Ion: 136 Resp: 12494

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	46.7	29.1	43.7#
68	9.1	6.2	9.2





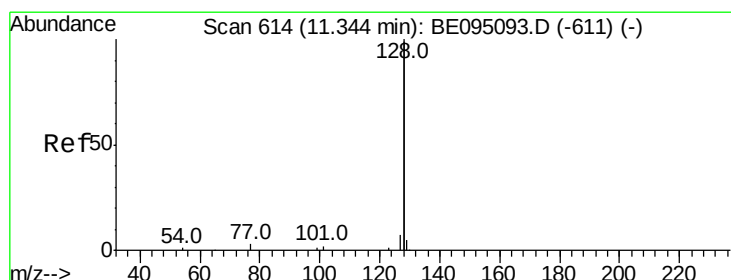
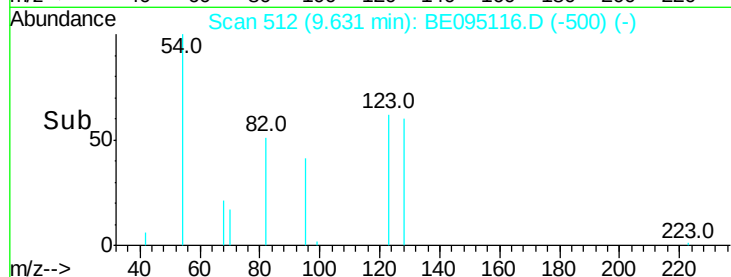
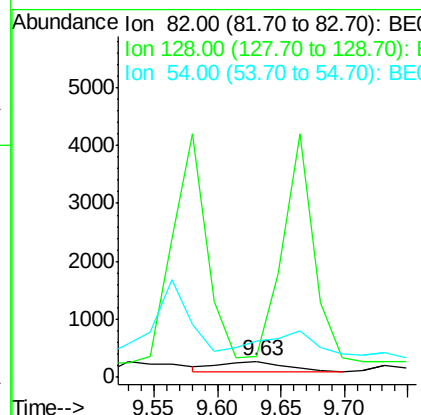
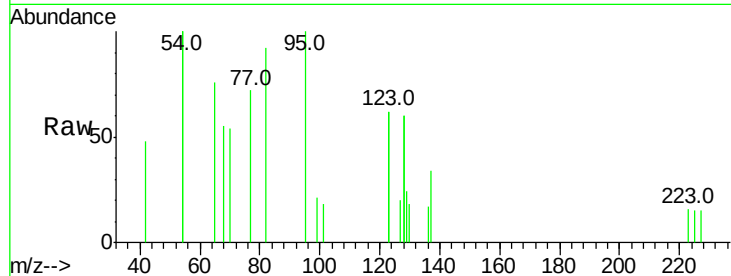
#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampled :
TW-2DL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	130.0	150.0	225.0#
54	218.4	154.2	231.4

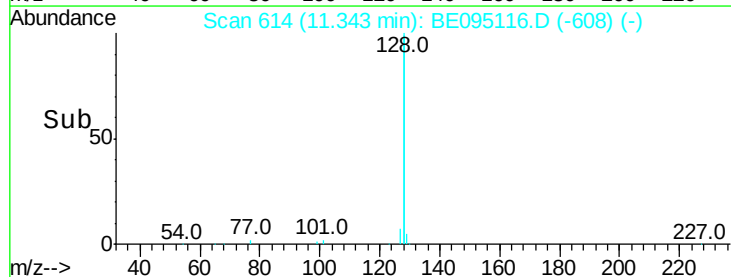
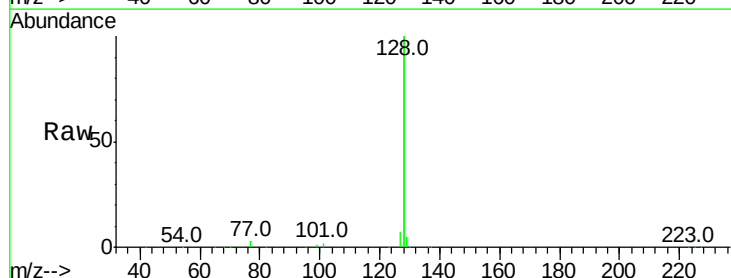
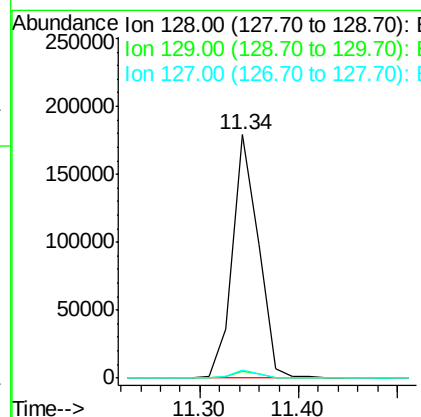
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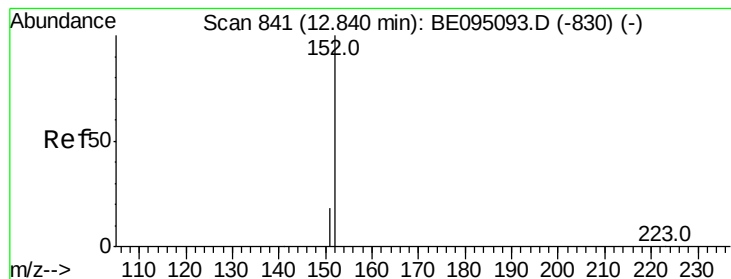
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#9
Naphthalene
Concen: 2.270 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	2.8	4.2





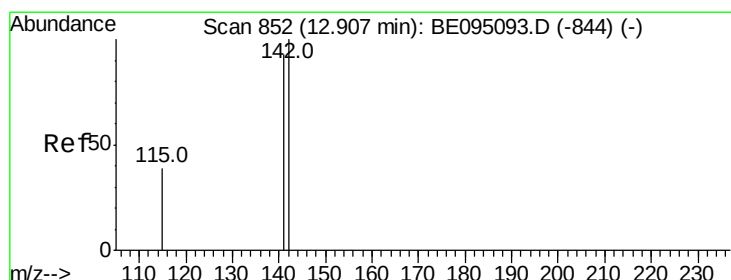
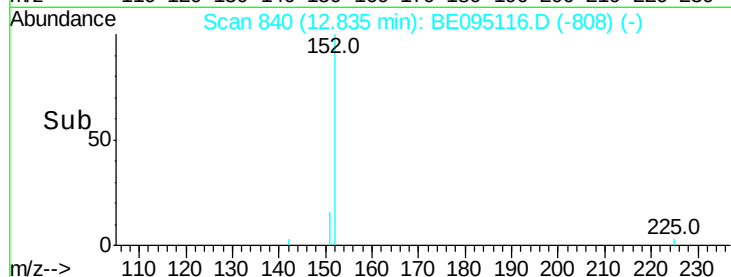
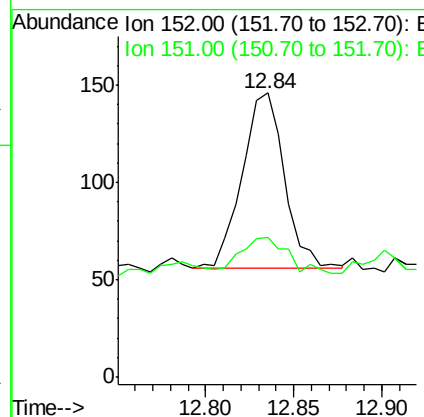
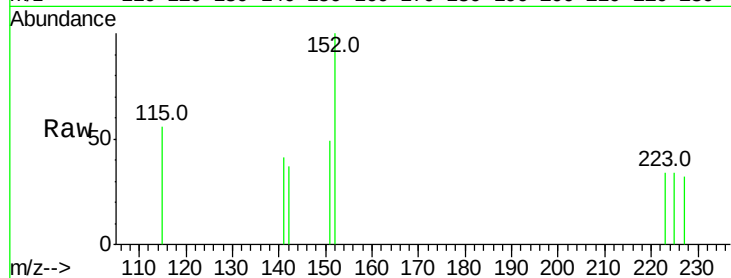
#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.84 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tot Ion:152 Resp: 149
Ion Ratio Lower Upper
152 100
151 27.5 15.4 23.0#

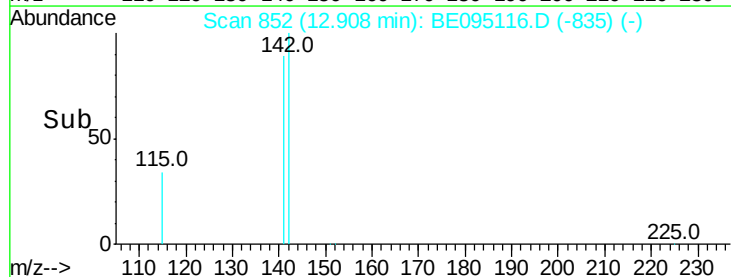
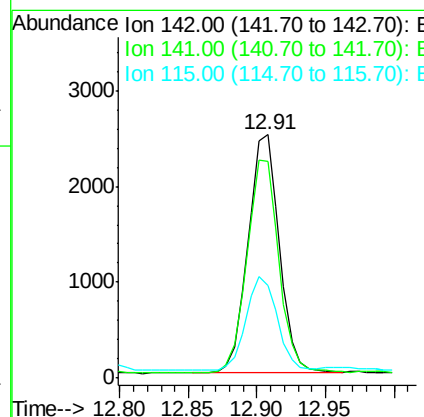
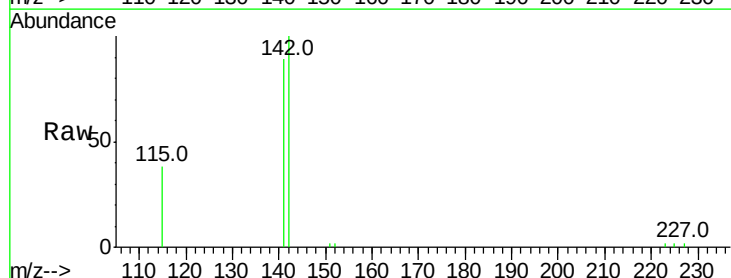
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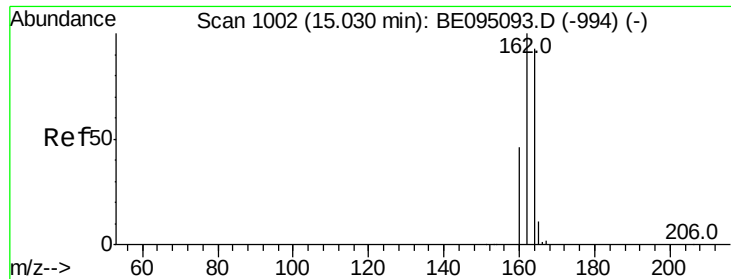
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#12
2-Methylnaphthalene
Concen: 0.163 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:142 Resp: 4006
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 38.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

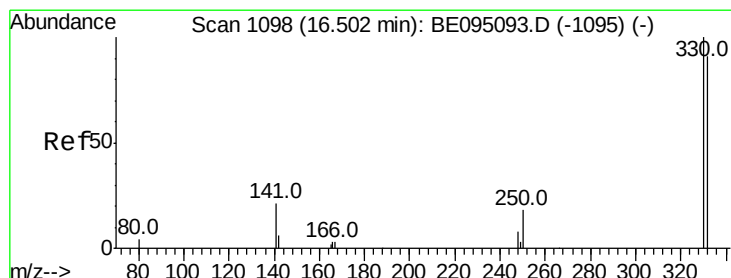
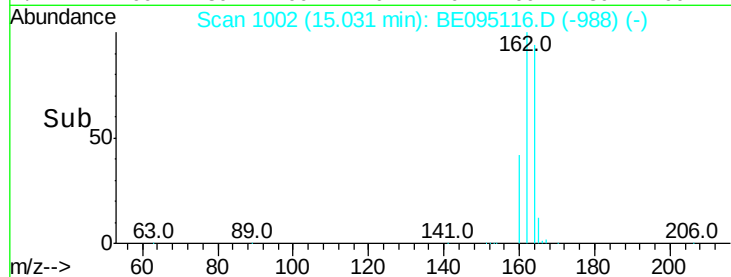
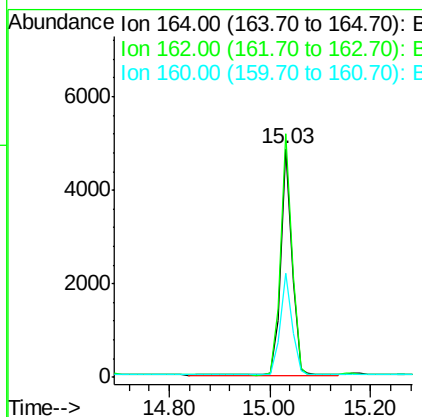
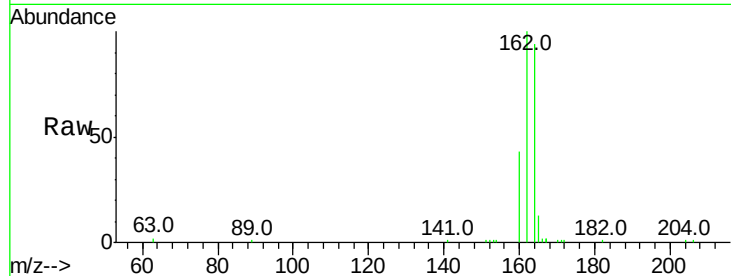
ClientSampleId :

TW-2DL2

Tot Ion:	164	Resp:	7379
Ion Ratio	Lower	Upper	
164	100		
162	106.4	83.1	124.7
160	45.5	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.138 ng

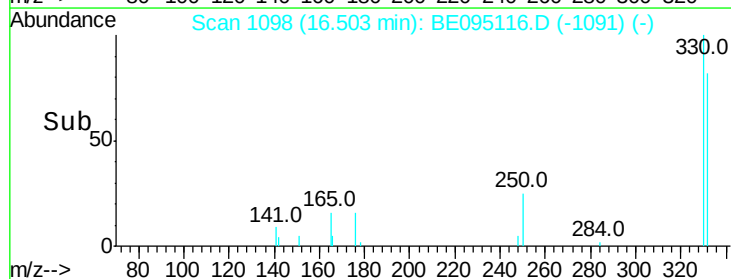
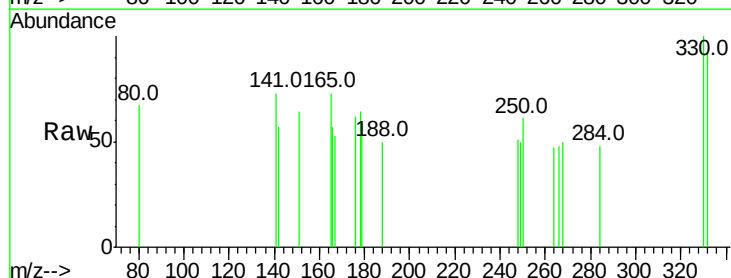
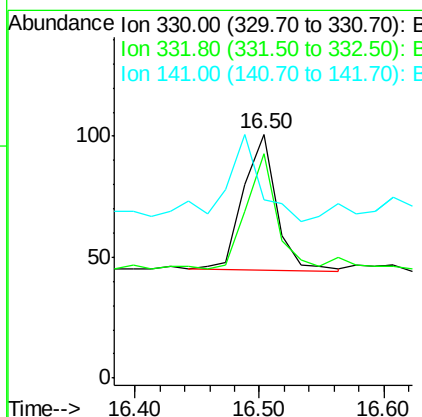
RT: 16.50 min Scan# 1098

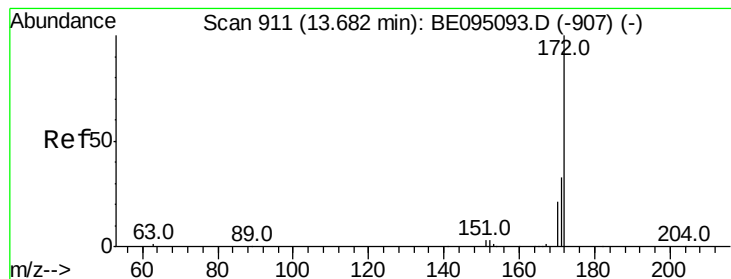
Delta R.T. 0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Tgt Ion:	330	Resp:	104
Ion Ratio	Lower	Upper	
330	100		
332	78.8	152.7	229.1#
141	65.4	33.7	50.5#





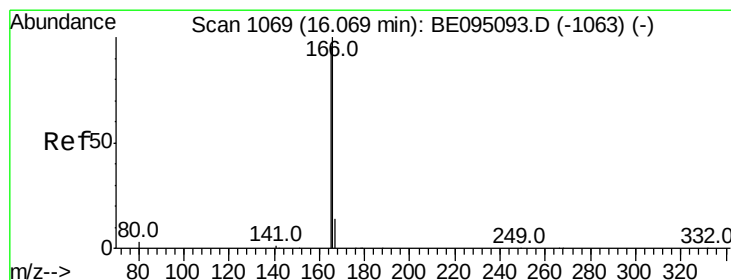
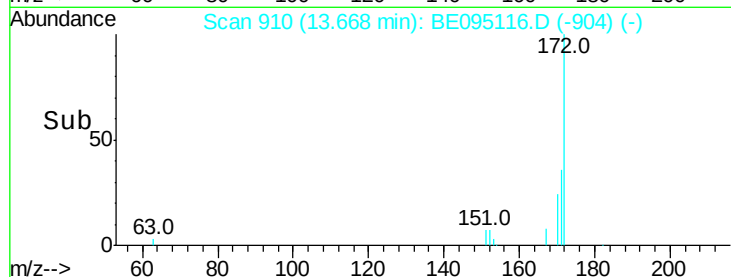
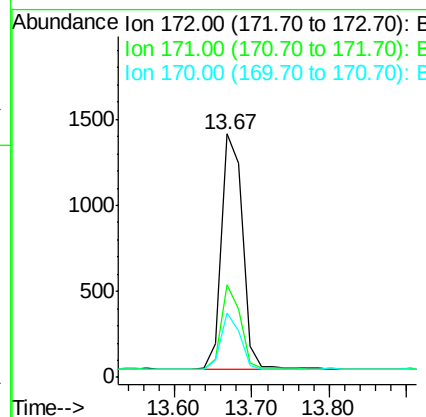
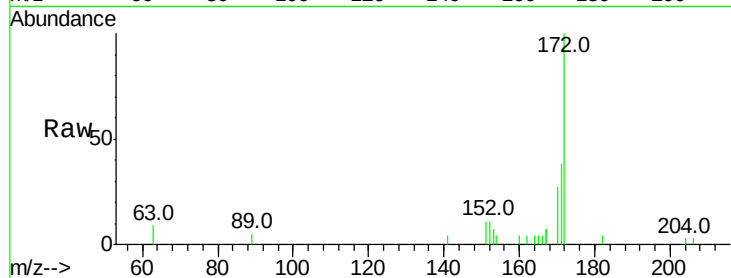
#15
2-Fluorobiphenyl
Concen: 0.080 ng
RT: 13.67 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	26.6	21.8	32.8

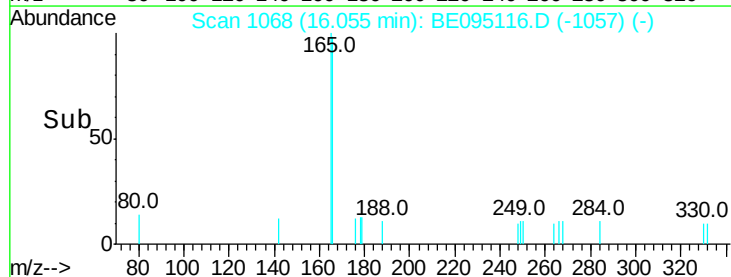
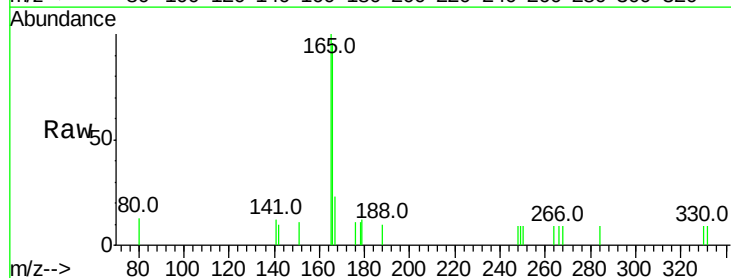
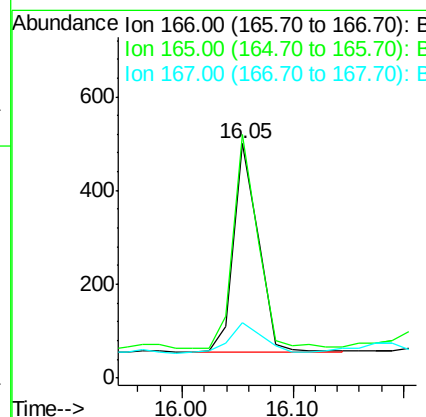
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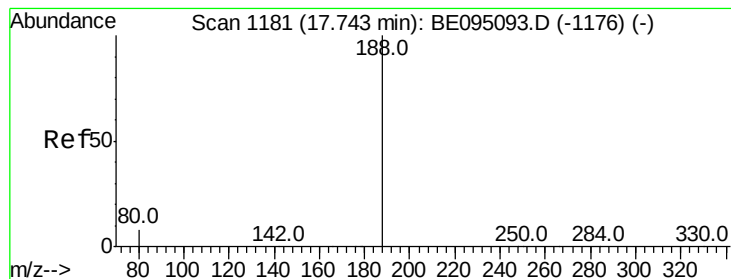
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#18
Fluorene
Concen: 0.022 ng
RT: 16.05 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.6
167	19.5	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

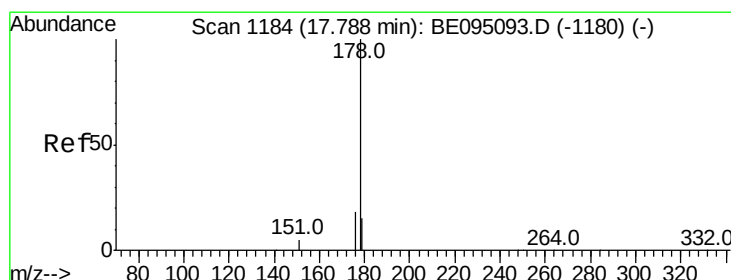
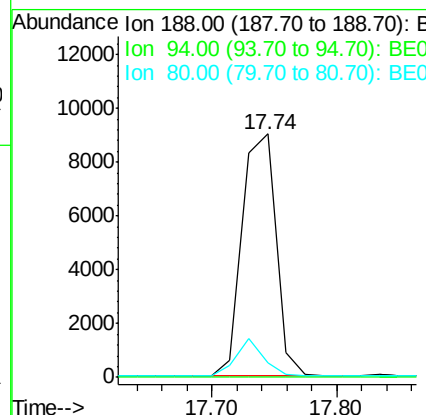
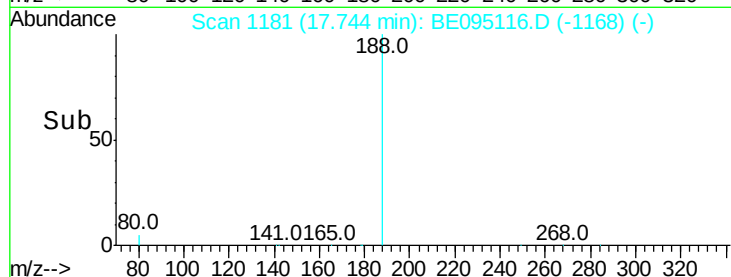
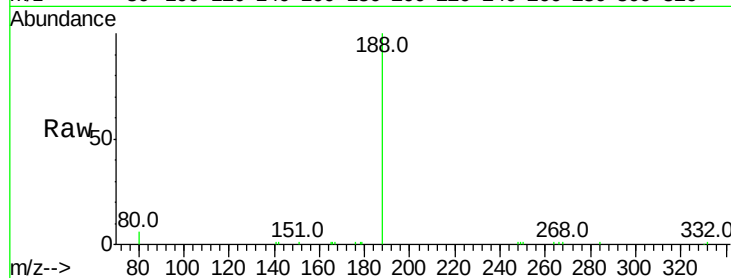
ClientSampleId :

TW-2DL2

Tot Ion:	188	Resp:	16948
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	5.9	3.6	5.4#

Manual Integrations
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#23

Phenanthrene

Concen: 0.079 ng

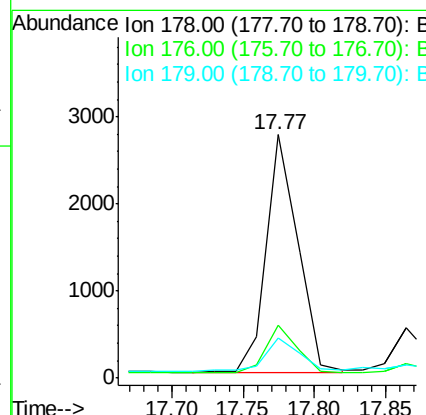
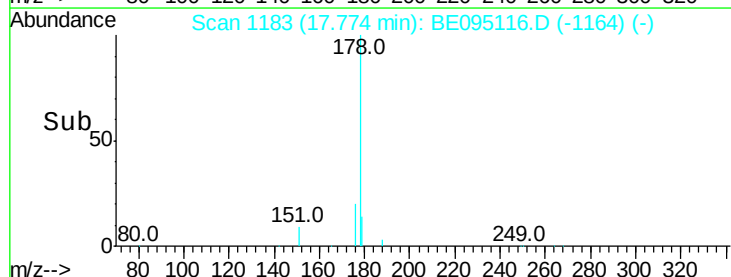
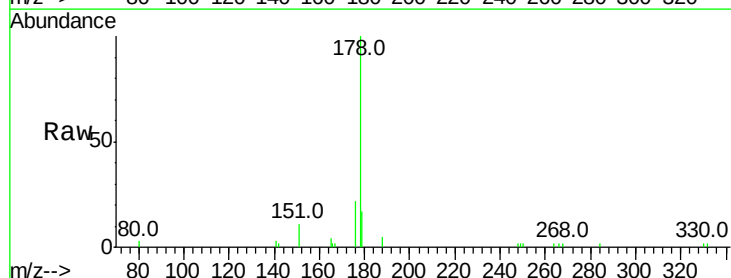
RT: 17.77 min Scan# 1183

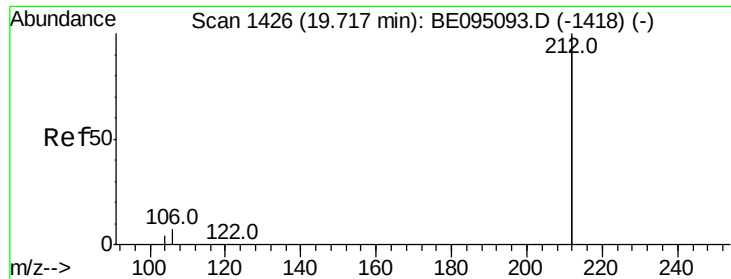
Delta R.T. -0.01 min

Lab File: BE095116.D

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Tgt Ion:	178	Resp:	4135
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.1	22.7
179	15.7	11.8	17.6





#25

Fluoranthene-d10

Concen: 0.008 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

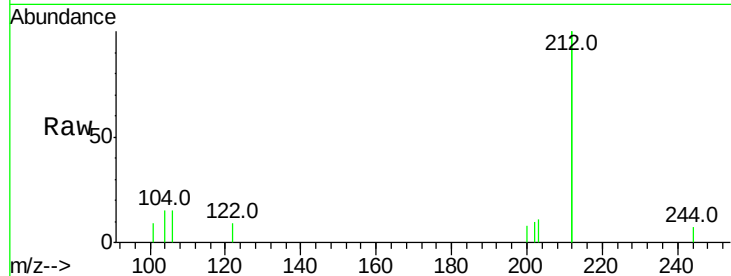
ClientSampleId :

TW-2DL2

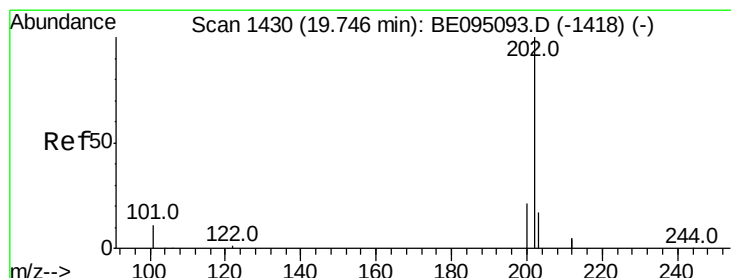
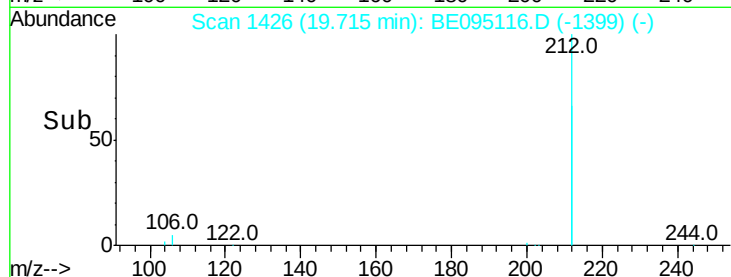
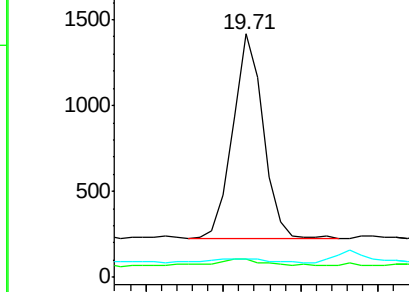
Tot Ion:	212	Resp:	1636
Ion Ratio	Lower	Upper	
212	100		
106	8.1	2.8	4.2#
104	3.6	1.6	2.4#

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.072 ng

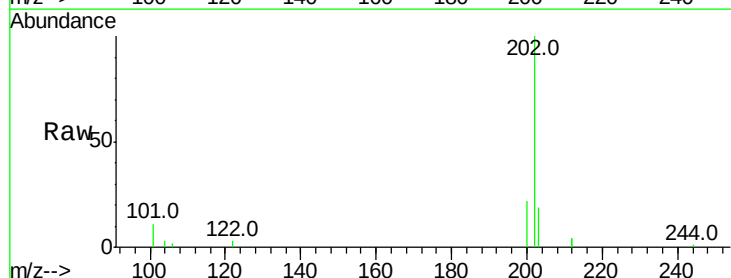
RT: 19.74 min Scan# 1430

Delta R.T. -0.00 min

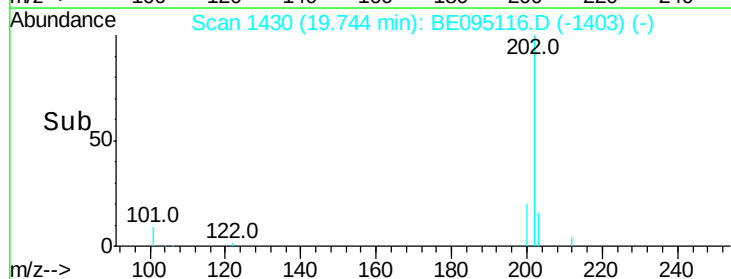
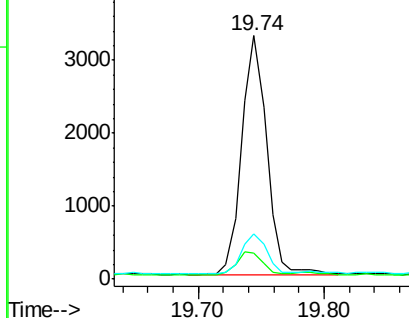
Lab File: BE095116.D

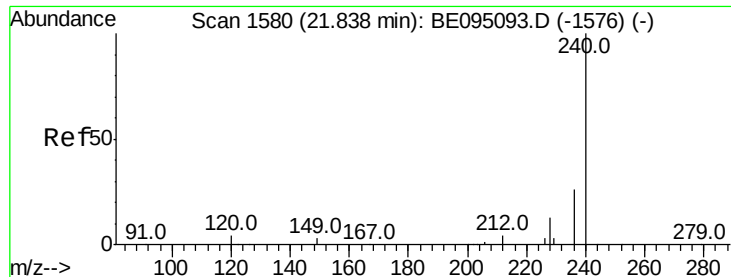
Acq: 25 Jan 2018 15:30

Tgt Ion:	202	Resp:	4500
Ion Ratio	Lower	Upper	
202	100		
101	9.8	9.8	14.8#
203	17.0	13.7	20.5



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





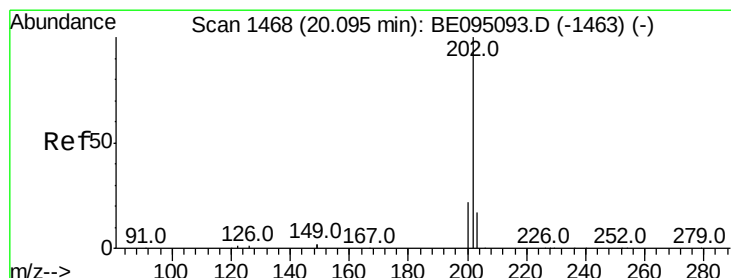
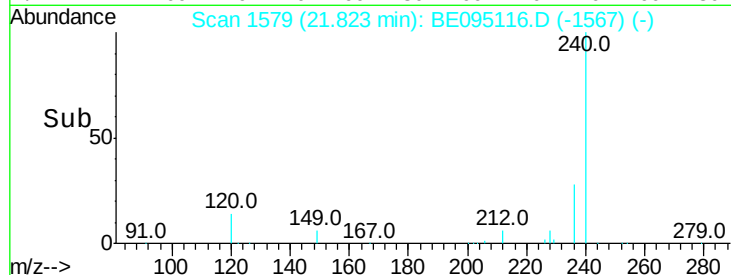
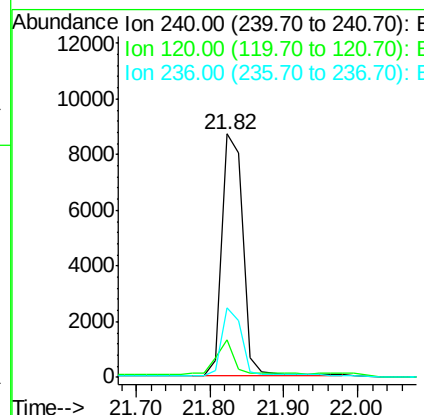
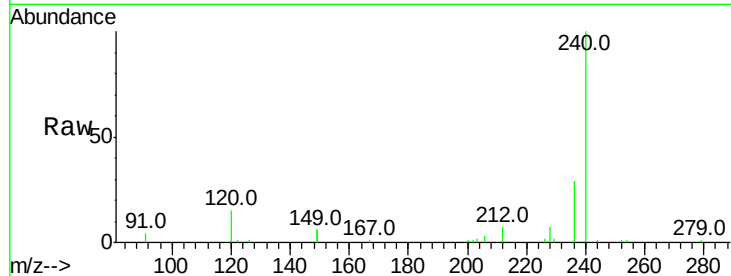
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampled :
TW-2DL2

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.5	8.3#
236	28.6	20.7	31.1

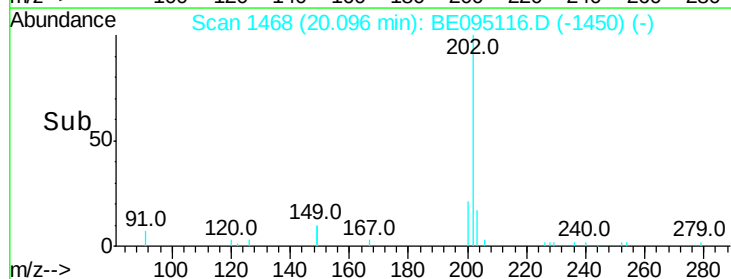
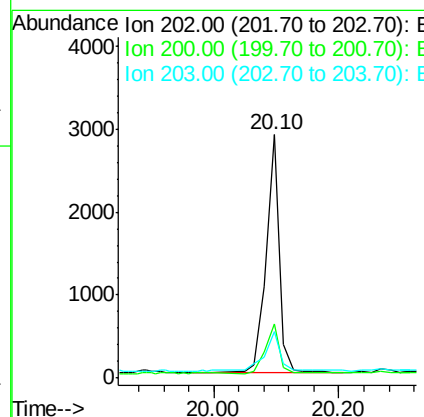
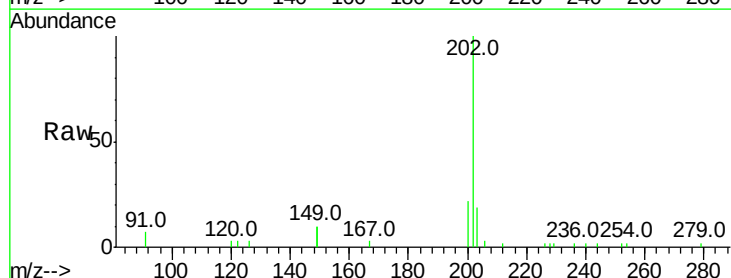
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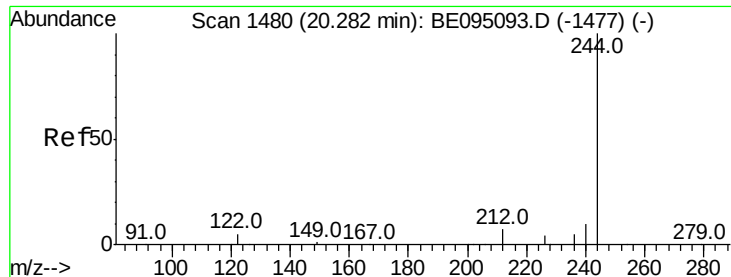
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#28
Pyrene
Concen: 0.059 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	24.1	13.8	20.8#





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

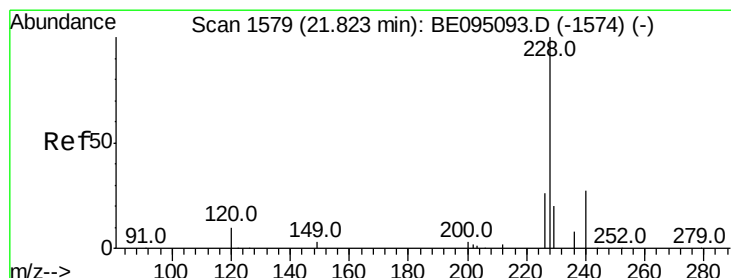
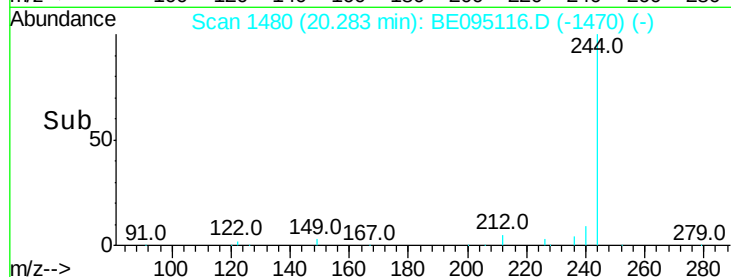
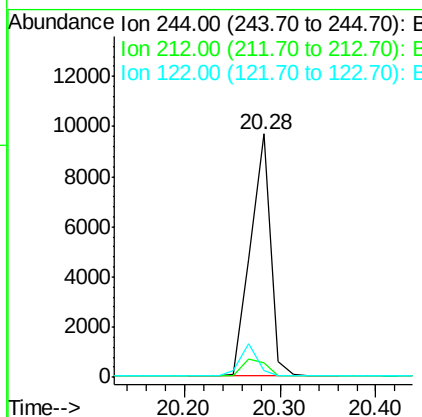
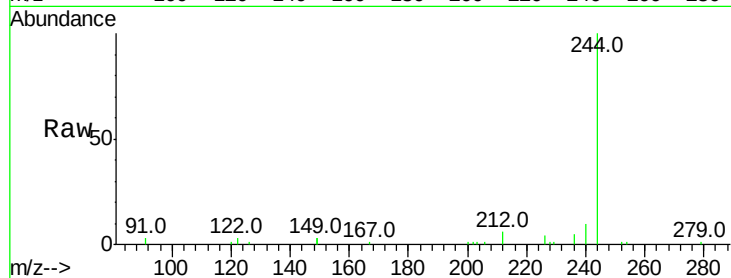
ClientSampled :

TW-2DL2

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.7	25.4	38.0#
122	2.9	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.037 ng

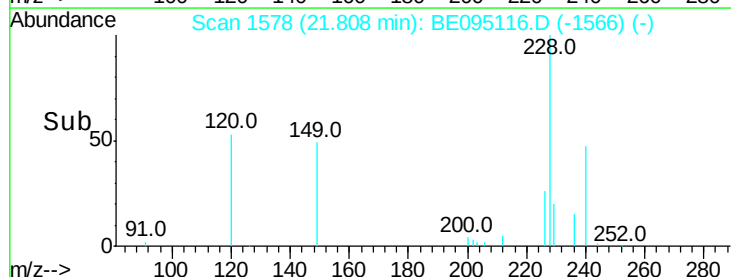
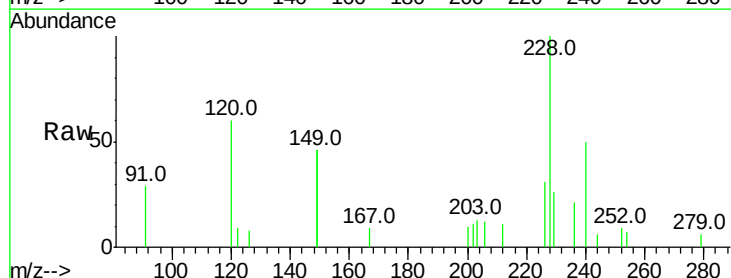
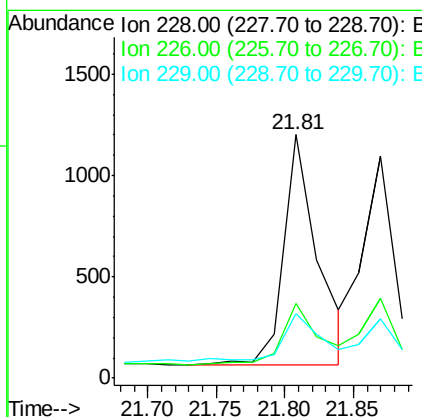
RT: 21.81 min Scan# 1578

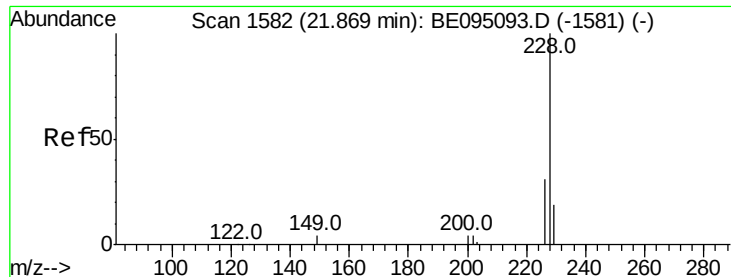
Delta R.T. -0.01 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	26.2	16.0	24.0#





#31

Chrysene

Concen: 0.029 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Instrument :

BNA_E

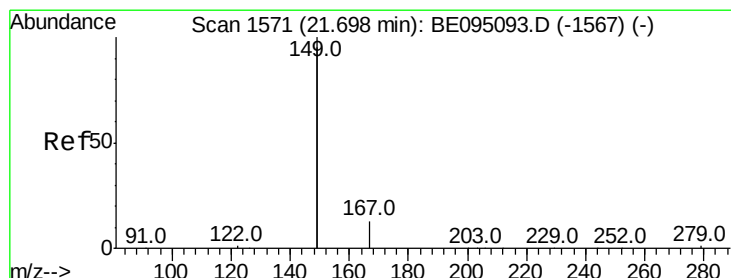
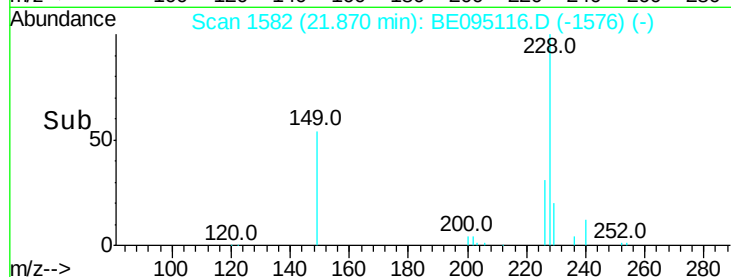
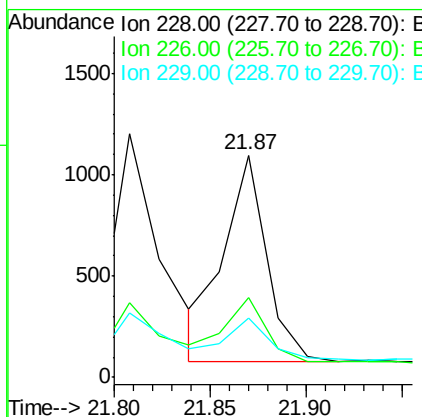
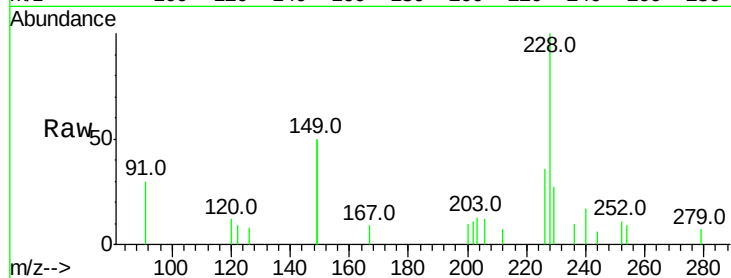
ClientSampled :

TW-2DL2

Tot Ion:	228	Resp:	1576
Ion Ratio	Lower	Upper	
228	100		
226	35.7	24.0	36.0
229	26.8	16.0	24.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.293 ng

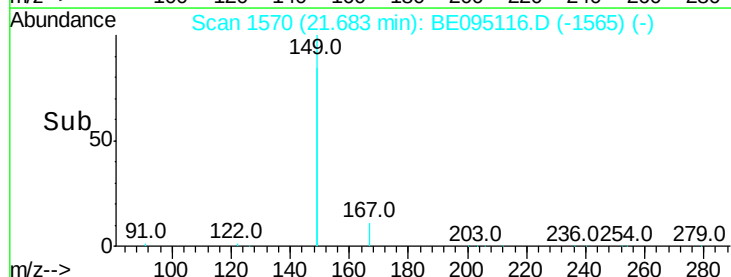
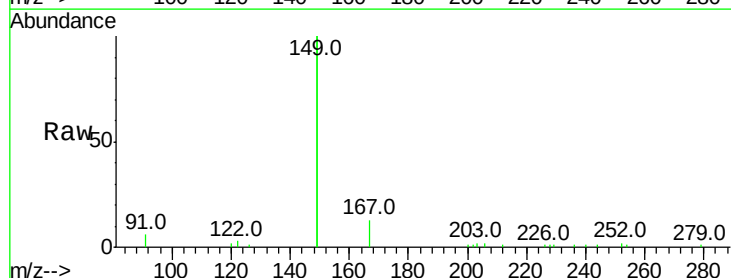
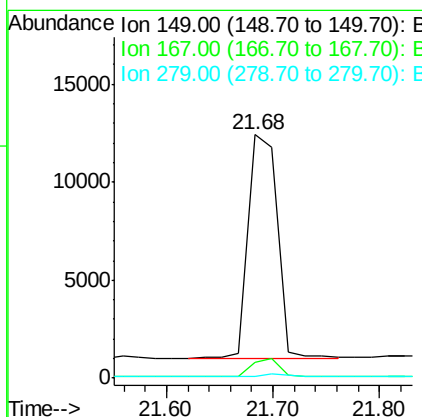
RT: 21.68 min Scan# 1570

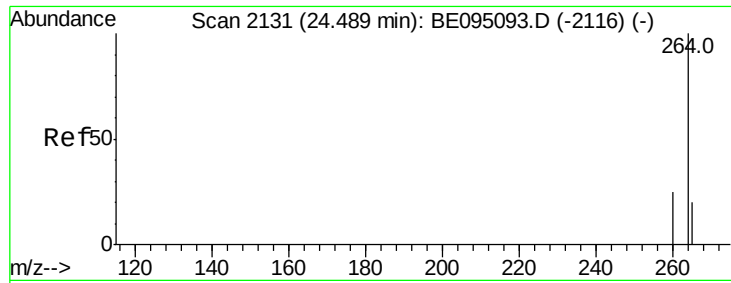
Delta R.T. -0.01 min

Lab File: BE095116.D

Acq: 25 Jan 2018 15:30

Tgt Ion:	149	Resp:	21664
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	1.1	0.7	1.1#





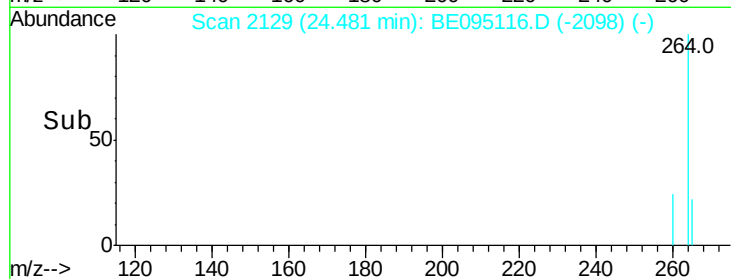
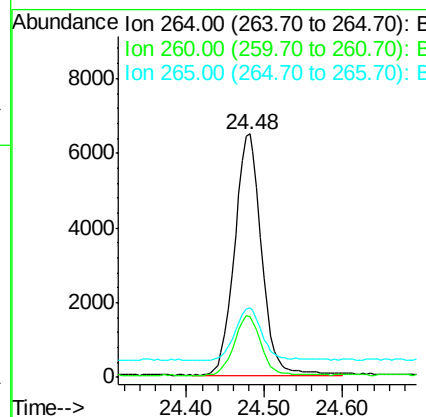
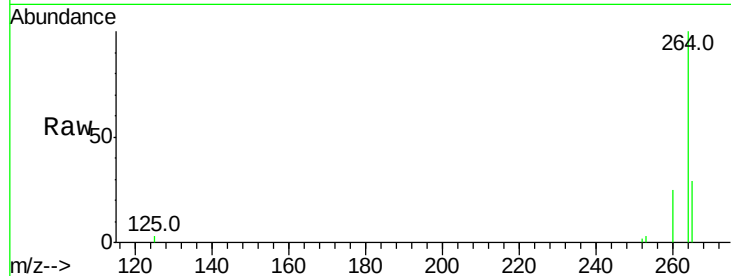
#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.48 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	28.7	22.8	34.2

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#35
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 23.65 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.3	20.0	30.0#
125	30.9	16.0	24.0#

