

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100788.D
 Acq On : 5 Dec 2019 14:34
 Operator : JU
 Sample : K6024-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TWP-6

Manual Integrations
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mohammad
 12/6/2019 3:02:30 PM

Quant Time: Dec 06 10:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6361	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	30125	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	20739	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	49503	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	46178	0.40	ng	0.00
34) Perylene-d12	23.76	264	52417	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4141	0.27	ng	0.00
5) Phenol-d6	6.93	99	4456	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	6506	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16381	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	3286	1.42	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	24249	0.29	ng	-0.01
25) Fluoranthene-d10	19.16	212	217803	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	45182	0.41	ng	0.00
Target Compounds						
9) Naphthalene	10.59	128	9294	0.029	ng	# 95
12) 2-Methylnaphthalene	12.21	142	1648	0.033	ng	# 78
22) Pentachlorophenol	16.79	266	182m	0.100	ng	
24) Anthracene	17.25	178	4632	0.037	ng	# 39
32) Bis(2-ethylhexyl)phthalate	21.25	149	41386	0.433	ng	# 97

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

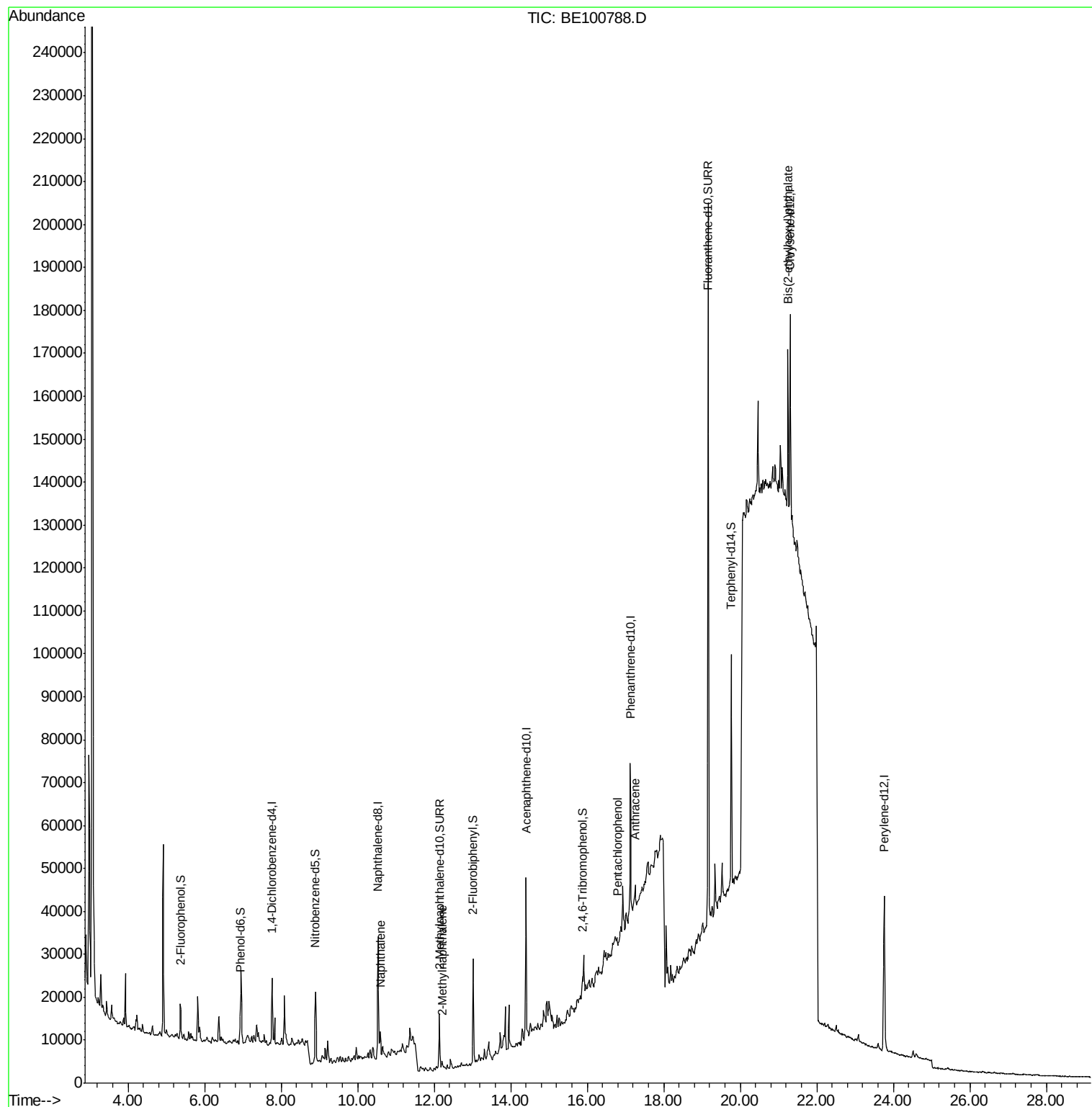
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100788.D
Acq On : 5 Dec 2019 14:34
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

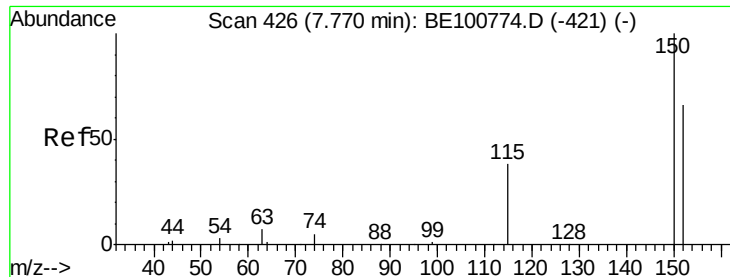
Instrument :
BNA_E
ClientSampleId :
TWP-6

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Quant Time: Dec 06 10:01:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

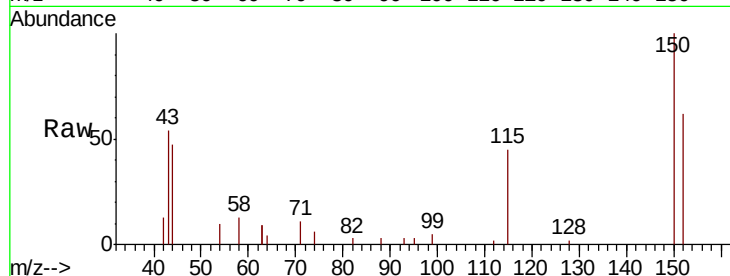
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.6	181.0
115	72.0	47.4	71.2#

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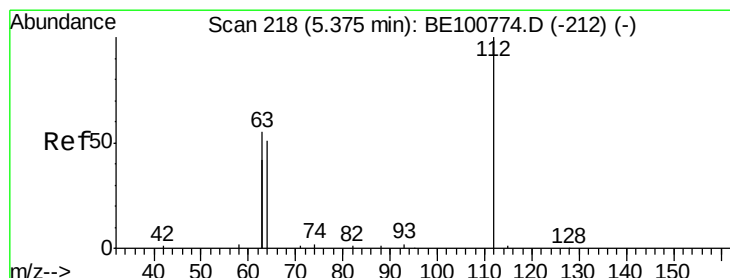
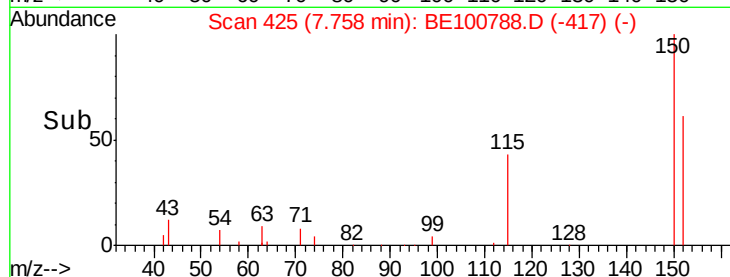
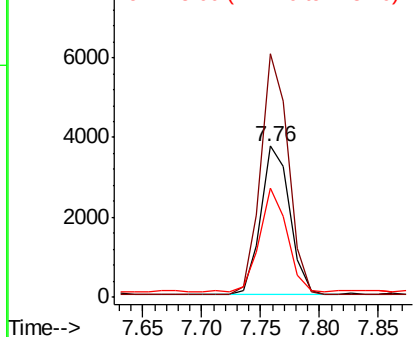


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

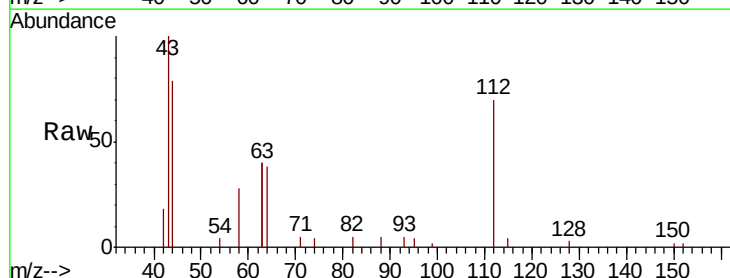
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.274 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.1	81.1
63	138.9	113.2	169.8

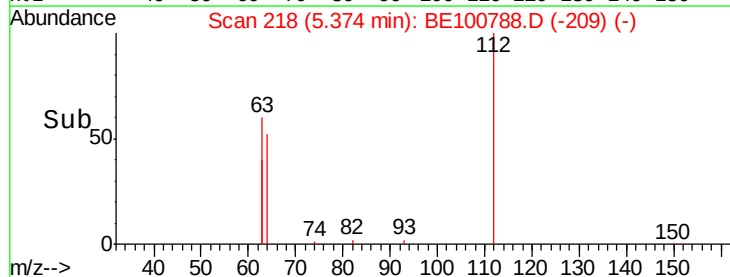
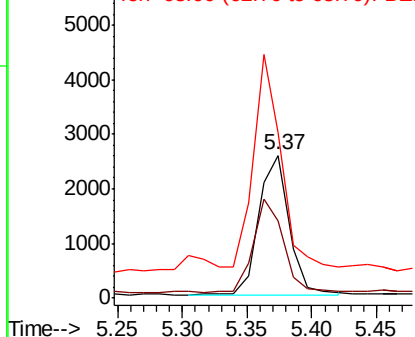


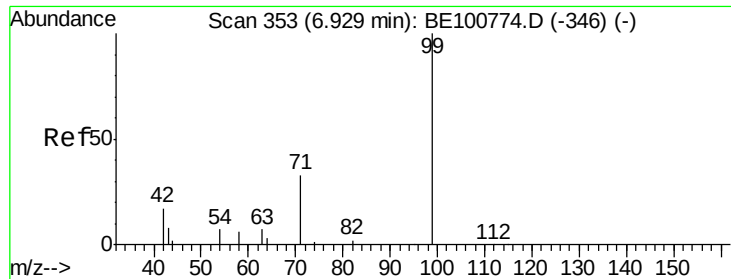
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.196 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

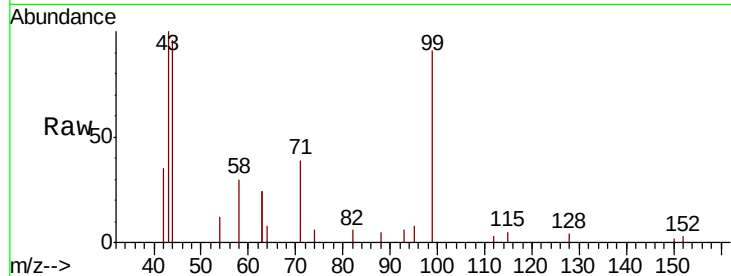
ClientSampleId :

TWP-6

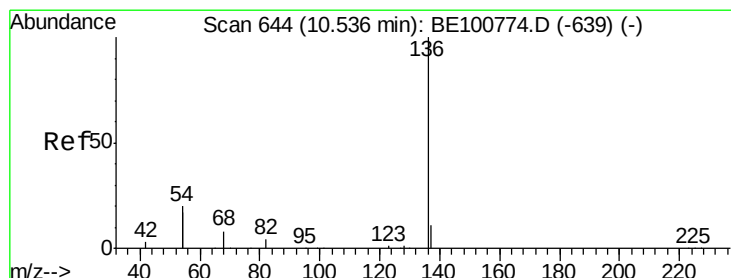
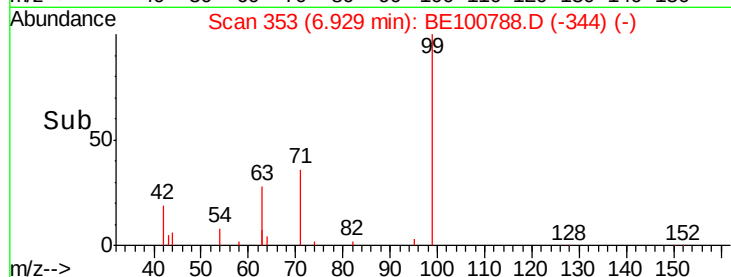
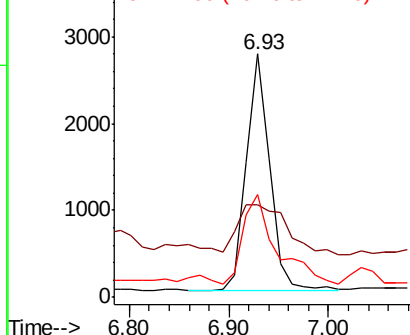
Tot Ion:	99	Resp:	4456
Ion	Ratio	Lower	Upper
99	100		
42	43.4	19.1	28.7#
71	53.7	27.7	41.5#

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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

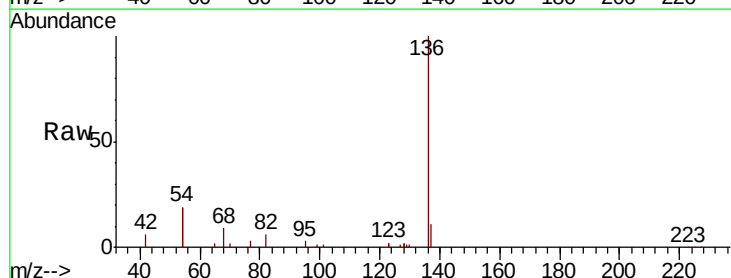
RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

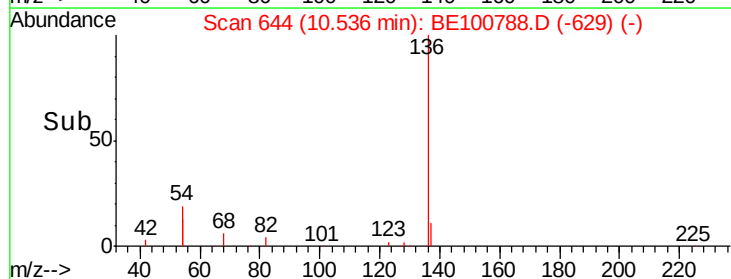
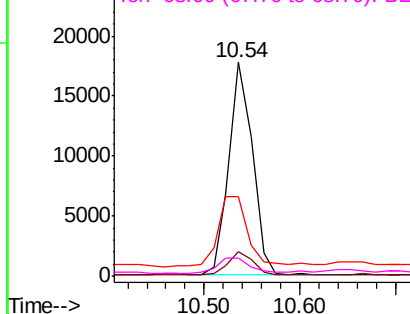
Lab File: BE100788.D

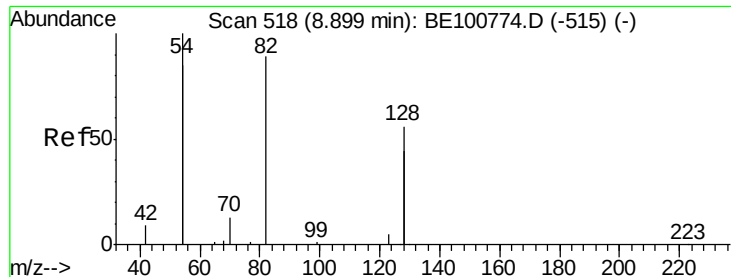
Acq: 5 Dec 2019 14:34

Tgt Ion:	136	Resp:	30125
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	37.2	31.1	46.7
68	8.7	6.6	10.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.454 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

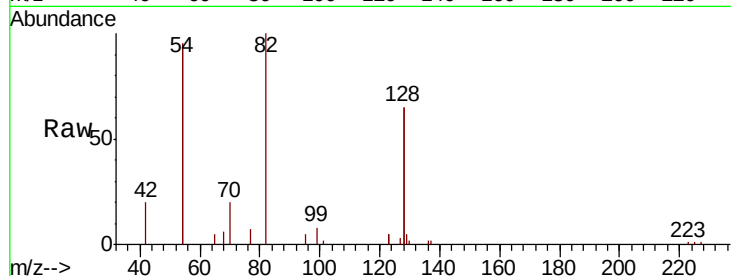
ClientSampled :

TWP-6

Tot Ion:	82	Resp:	6506
Ion	Ratio	Lower	Upper
82	100		
128	130.0	97.0	145.4
54	190.5	171.8	257.6

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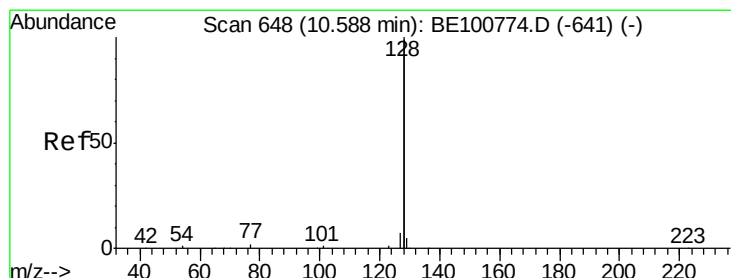
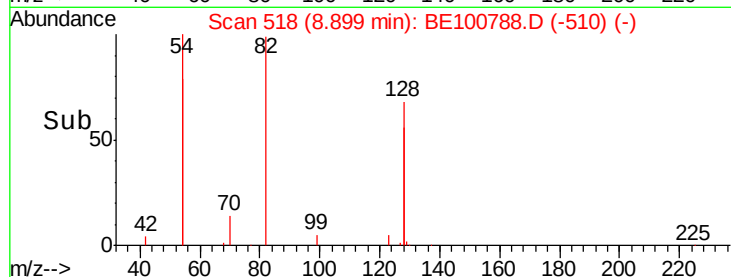
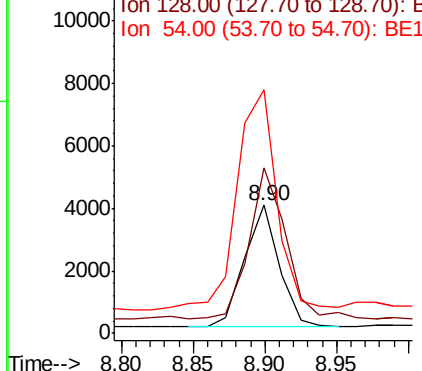


Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.029 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

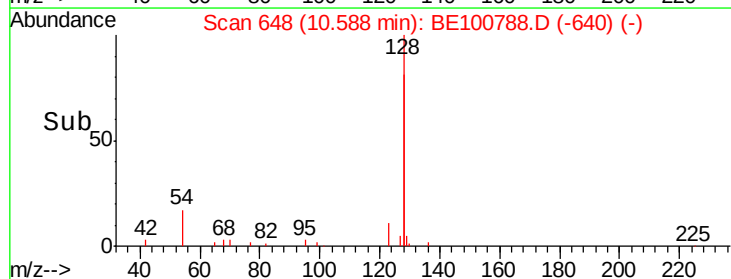
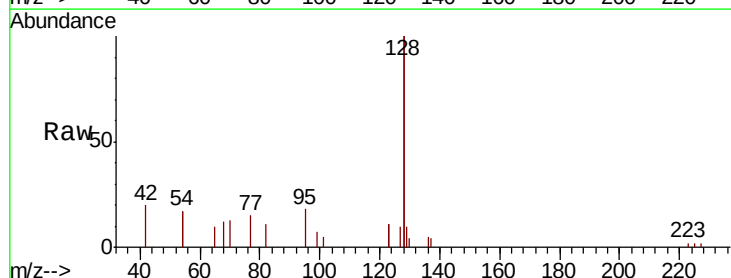
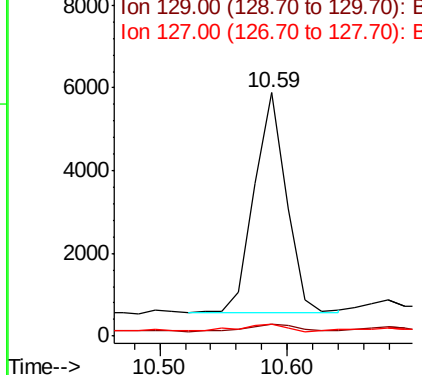
Tgt Ion:	128	Resp:	9294
Ion	Ratio	Lower	Upper
128	100		
129	4.9	2.2	3.4#
127	4.9	2.7	4.1#

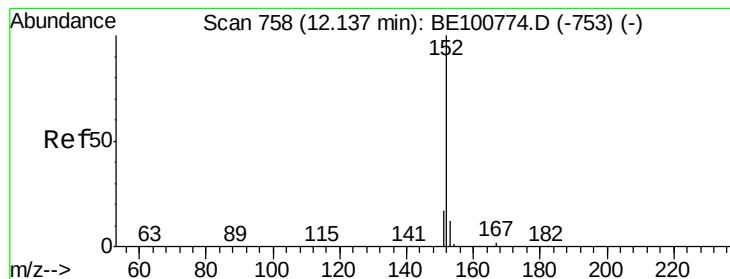
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampled :

TWP-6

Tot Ion:152 Resp: 16381

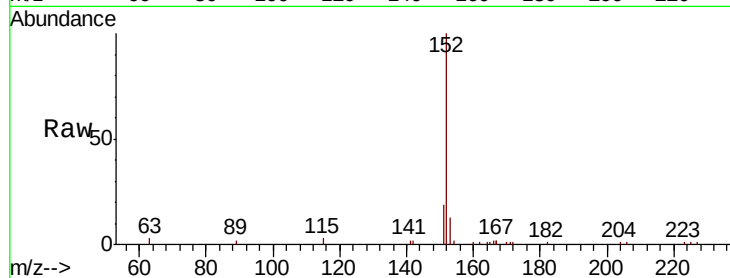
Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

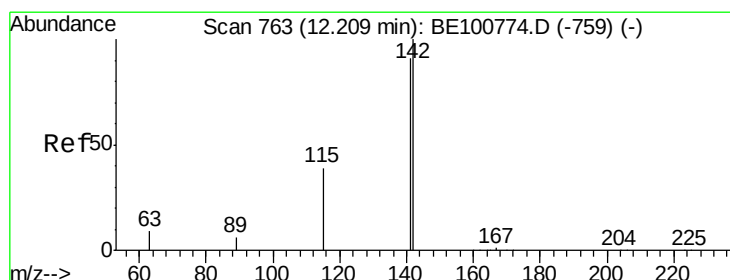
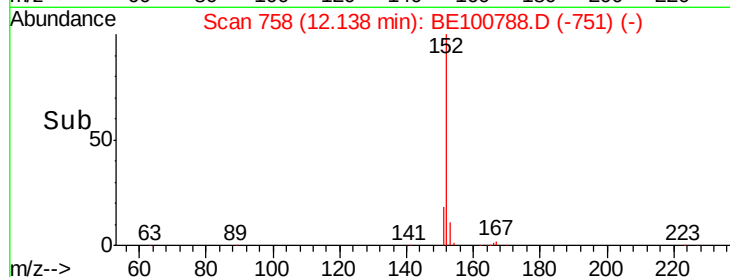
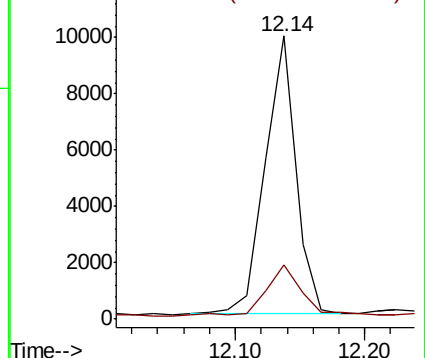
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

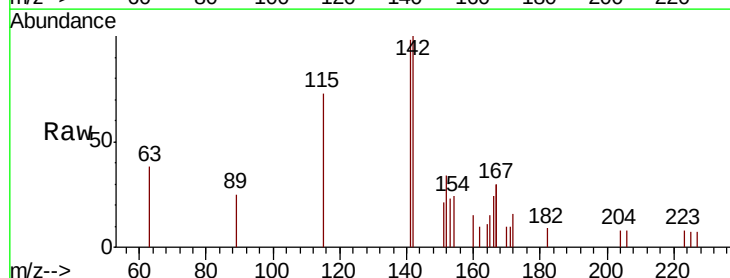
Tgt Ion:142 Resp: 1648

Ion Ratio Lower Upper

142 100

141 97.6 72.6 108.8

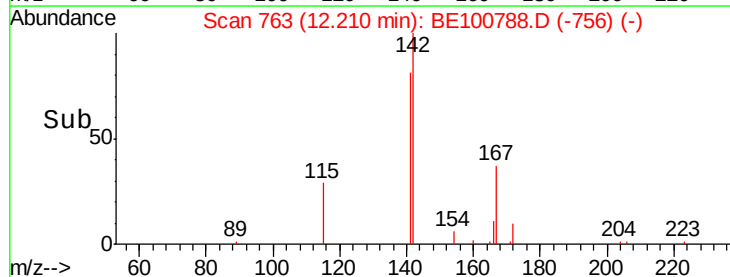
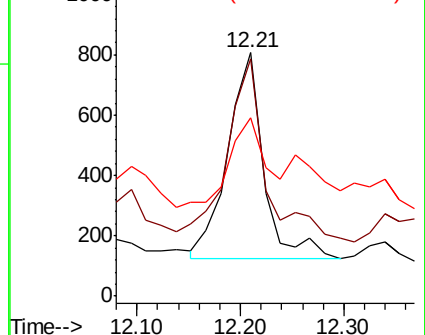
115 73.2 31.8 47.6#

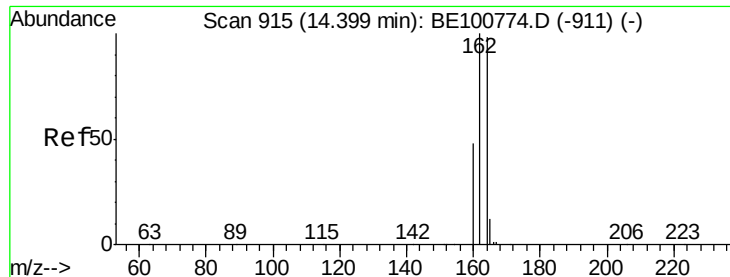


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





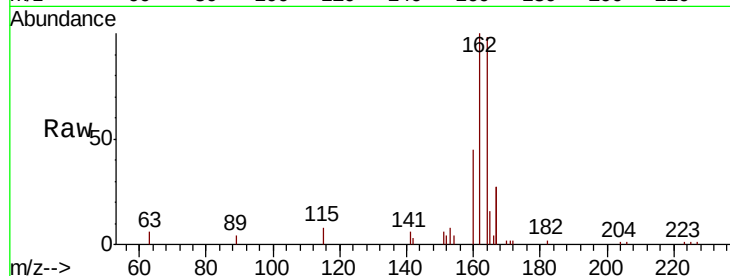
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.8	39.4	59.0

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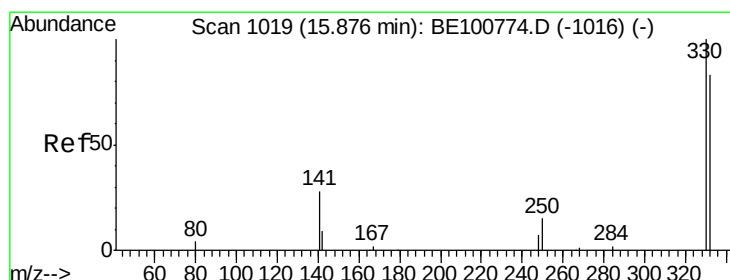
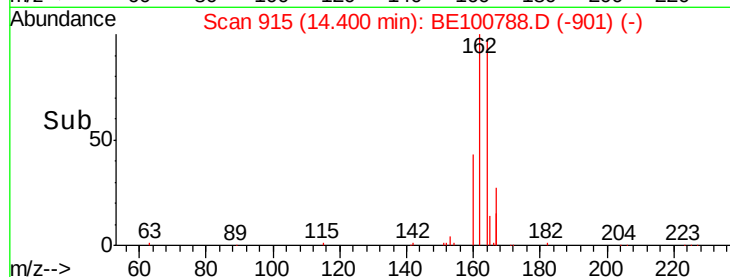
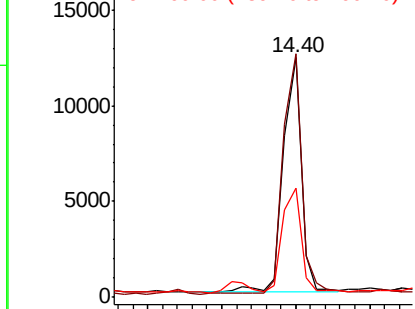


Abundance

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: 1.425 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

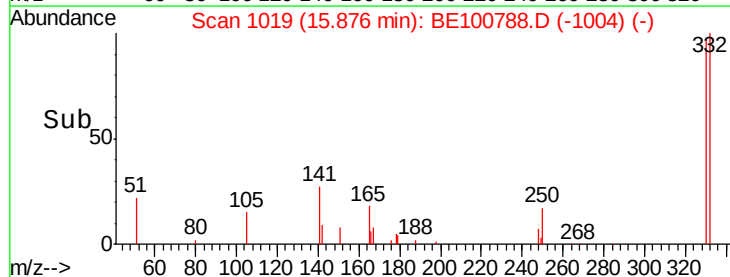
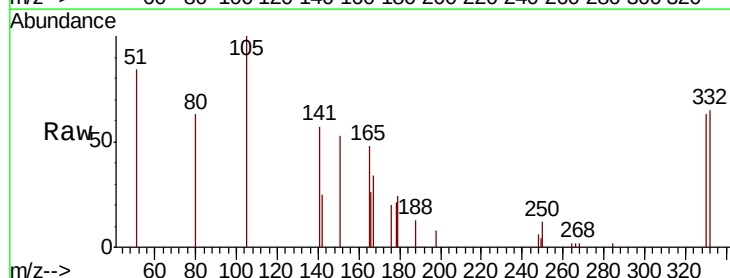
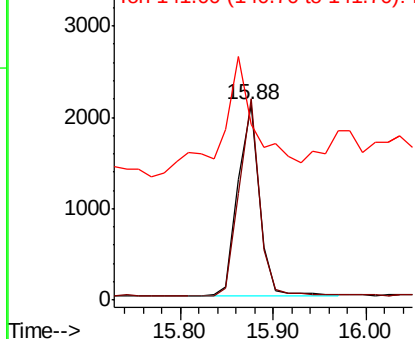
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	69.4	104.2
141	107.0	51.1	76.7#

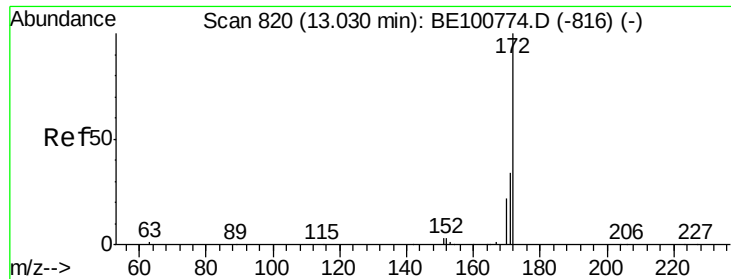
Abundance

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





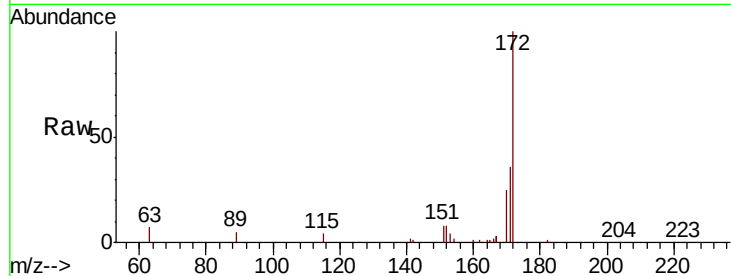
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

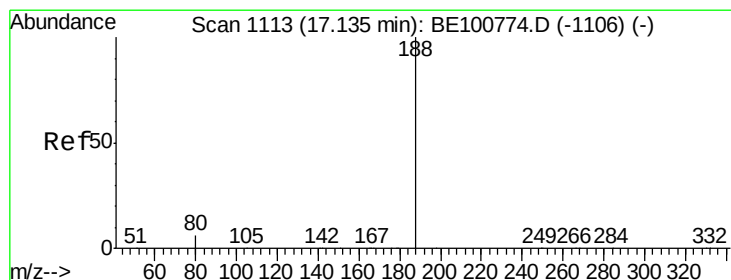
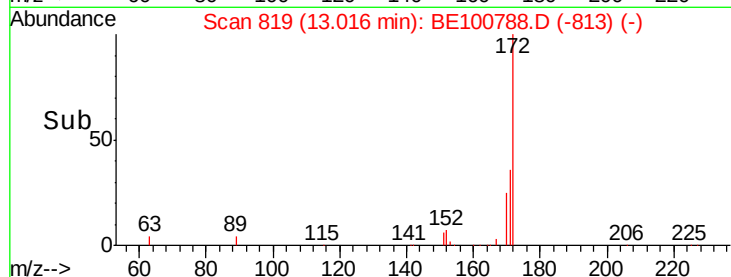
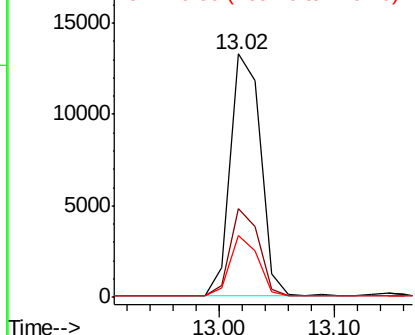
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.2	40.8
170	25.3	18.0	27.0

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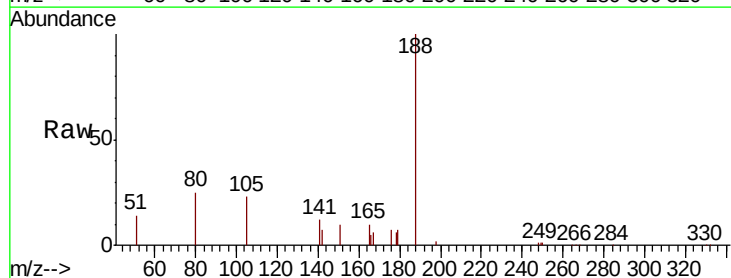


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

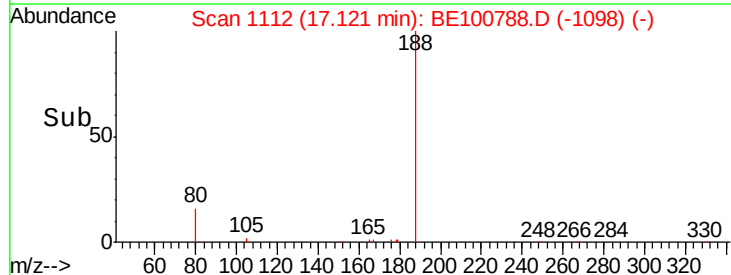
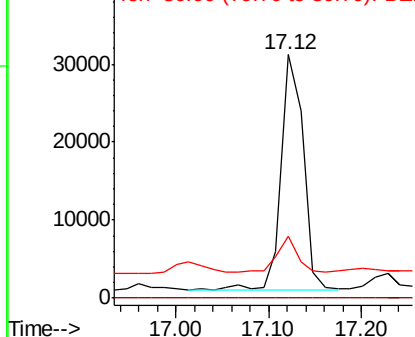


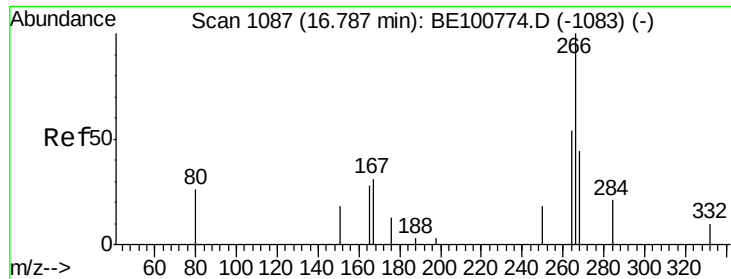
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	25.2	5.2	7.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.100 ng m

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

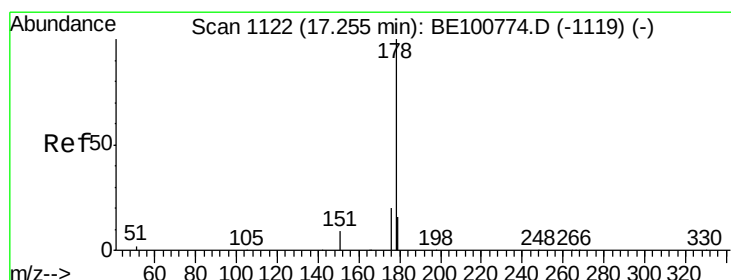
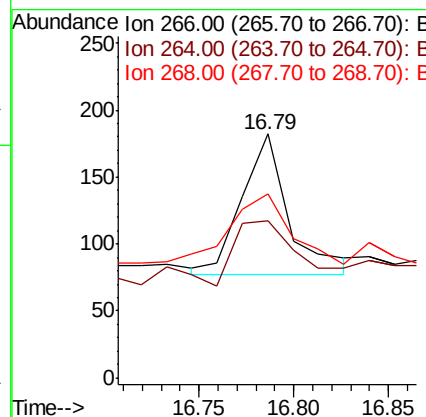
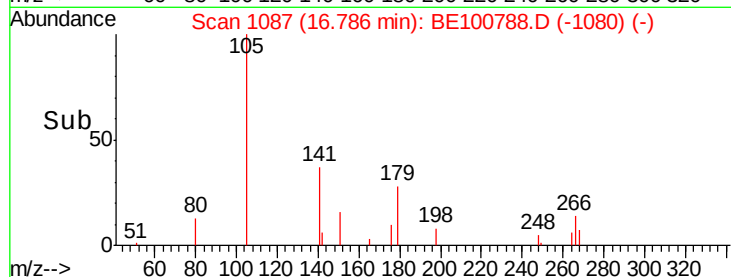
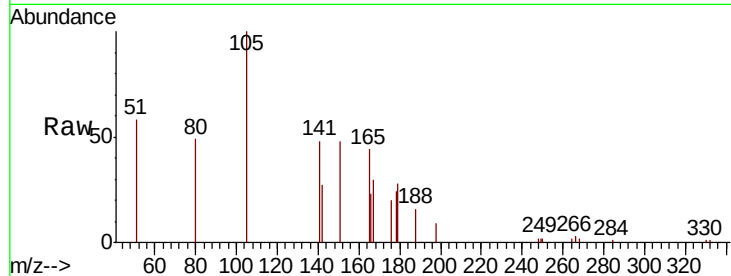
ClientSampled :

TWP-6

Tot Ion:	266	Resp:	182
Ion Ratio	Lower	Upper	
266	100		
264	64.3	63.4	95.0
268	75.3	65.8	98.8

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#24

Anthracene

Concen: 0.037 ng

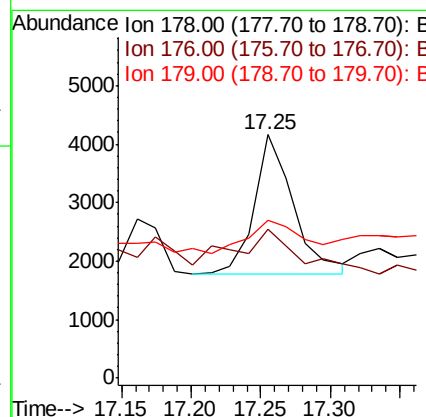
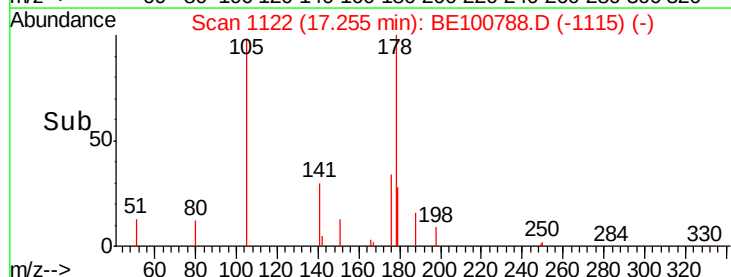
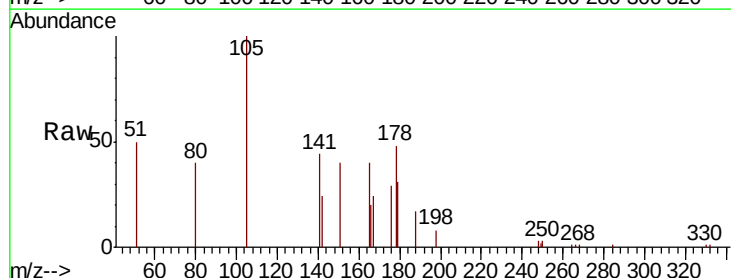
RT: 17.25 min Scan# 1122

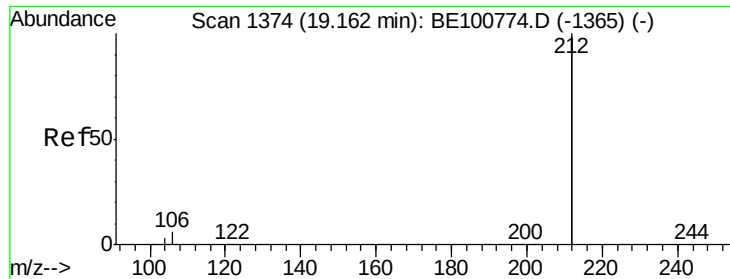
Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Tgt Ion:	178	Resp:	4632
Ion Ratio	Lower	Upper	
178	100		
176	54.0	15.4	23.2#
179	33.3	12.7	19.1#





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

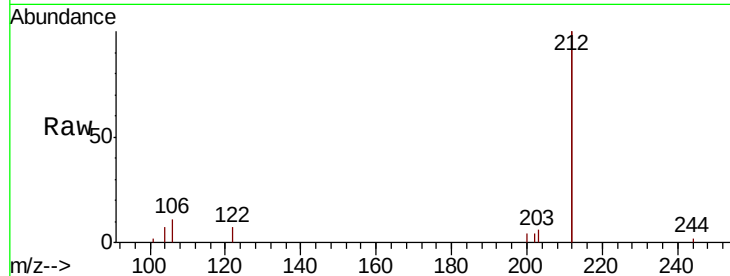
ClientSampleId :

TWP-6

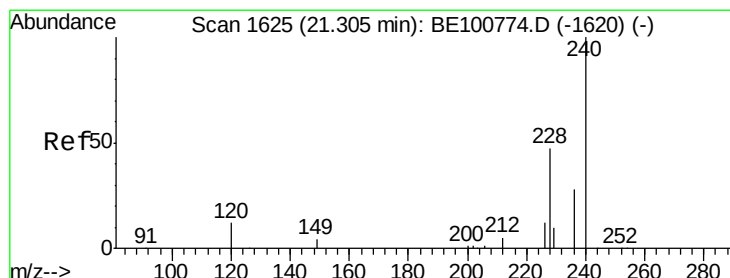
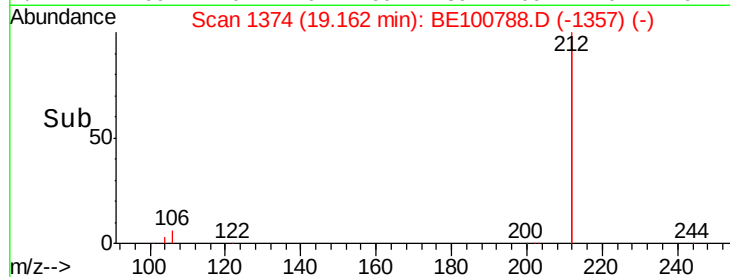
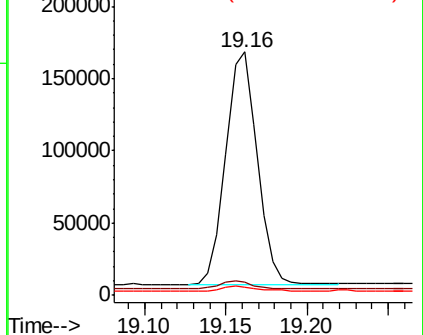
Tot Ion	Ratio	Resp Lower	Upper
212	100		
106	3.8	2.6	3.8
104	2.2	1.4	2.2

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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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1625

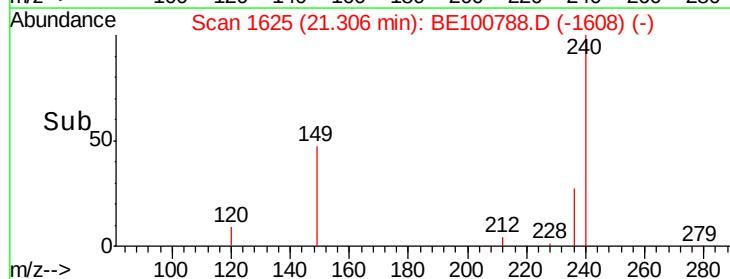
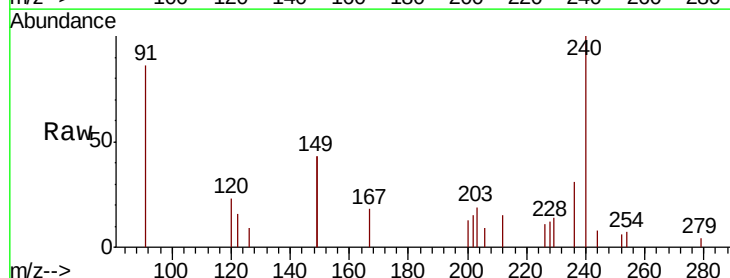
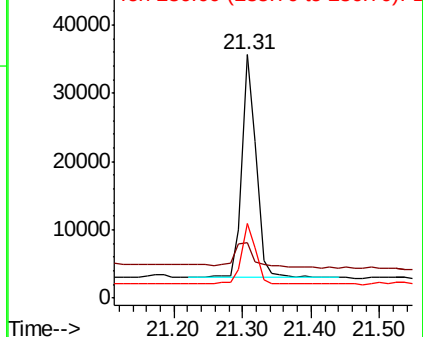
Delta R.T. 0.00 min

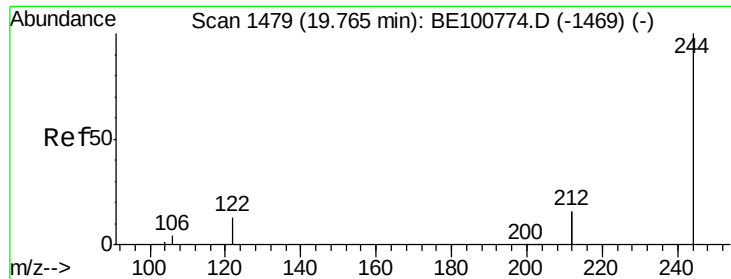
Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	22.9	10.2	15.2
236	30.8	22.3	33.5

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





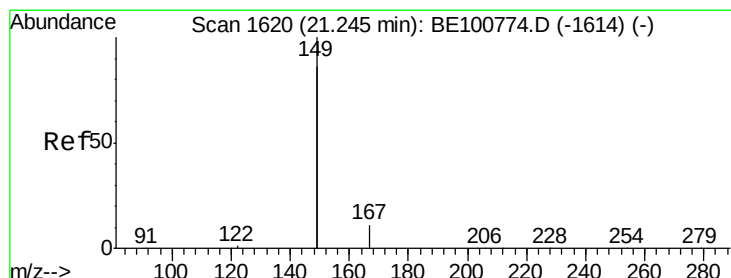
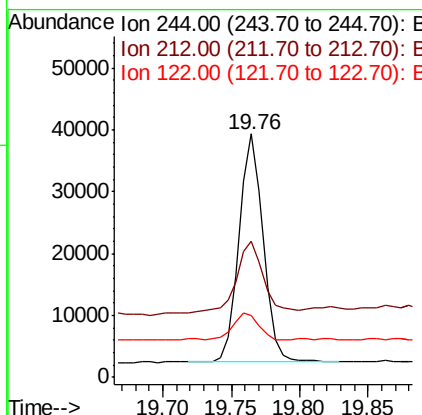
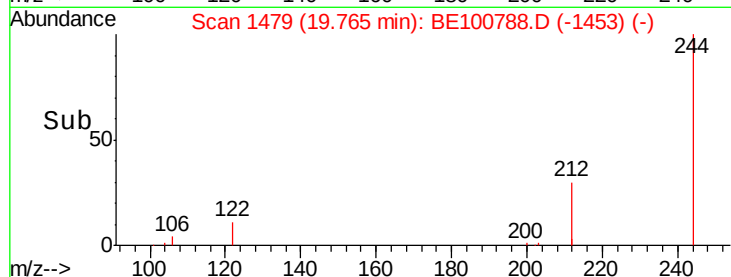
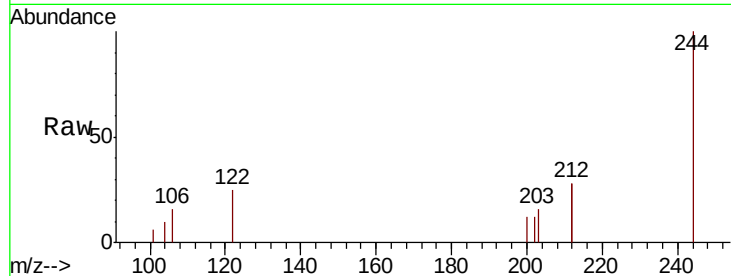
#29
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Instrument :
 BNA_E
 ClientSampled :
 TWP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	56.0	26.2	39.4#
122	25.5	10.2	15.4#

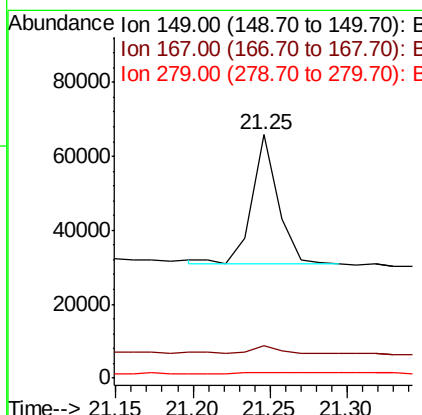
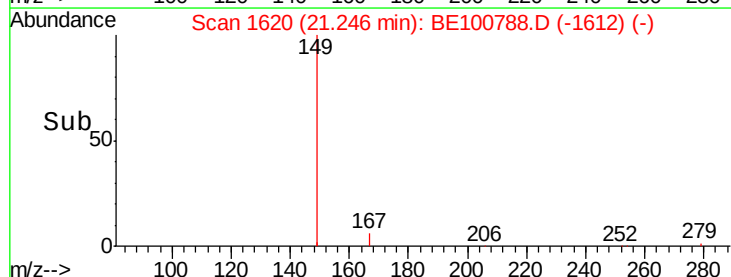
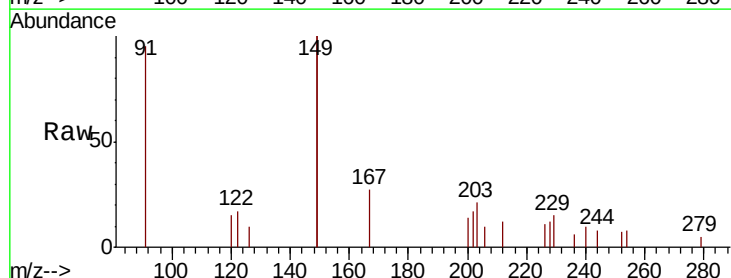
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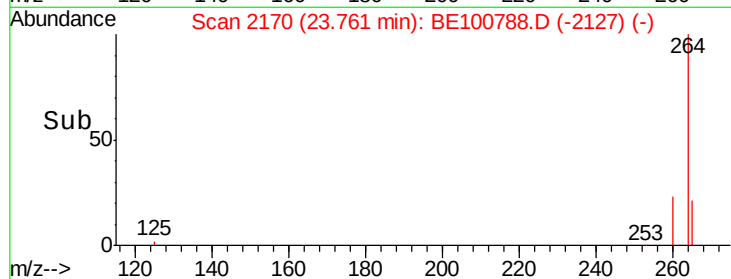
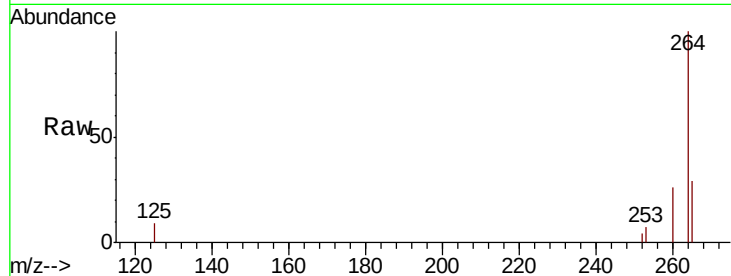
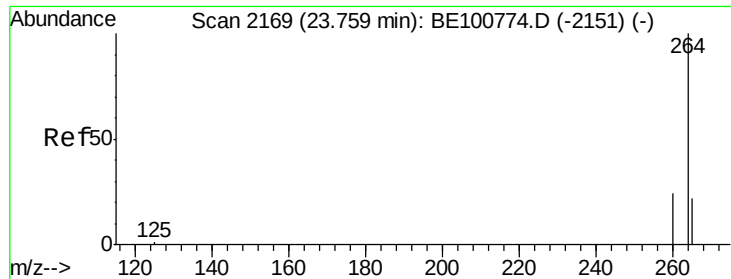
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.433 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.0	7.6
279	1.8	0.7	1.1#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tot Ion:	264	Resp:	52417
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.4	29.2
265	29.4	21.8	32.8

Instrument :
BNA_E
ClientSampleId :
TWP-6

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