

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100981.D
 Acq On : 26 Dec 2019 21:16
 Operator : JU
 Sample : K6392-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Manual Integrations
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Quant Time: Dec 27 10:57:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2679	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12484	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7530	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	18446	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	20233	0.40	ng	-0.01
34) Perylene-d12	23.71	264	23731	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1106	0.24	ng	-0.01
5) Phenol-d6	6.93	99	1056m	0.31	ng	-0.06
8) Nitrobenzene-d5	8.89	82	2517	0.48	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	7407	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	687	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12007	0.45	ng	-0.02
25) Fluoranthene-d10	19.14	212	110533	0.49	ng	0.00
29) Terphenyl-d14	19.74	244	22669	0.49	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	53381	10.280	ng	# 74
9) Naphthalene	10.58	128	2879	0.022	ng	# 86
23) Phenanthrene	17.15	178	2040	0.043	ng	96
26) Fluoranthene	19.17	202	1486	0.023	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.21	149	62024	0.697	ng	100

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

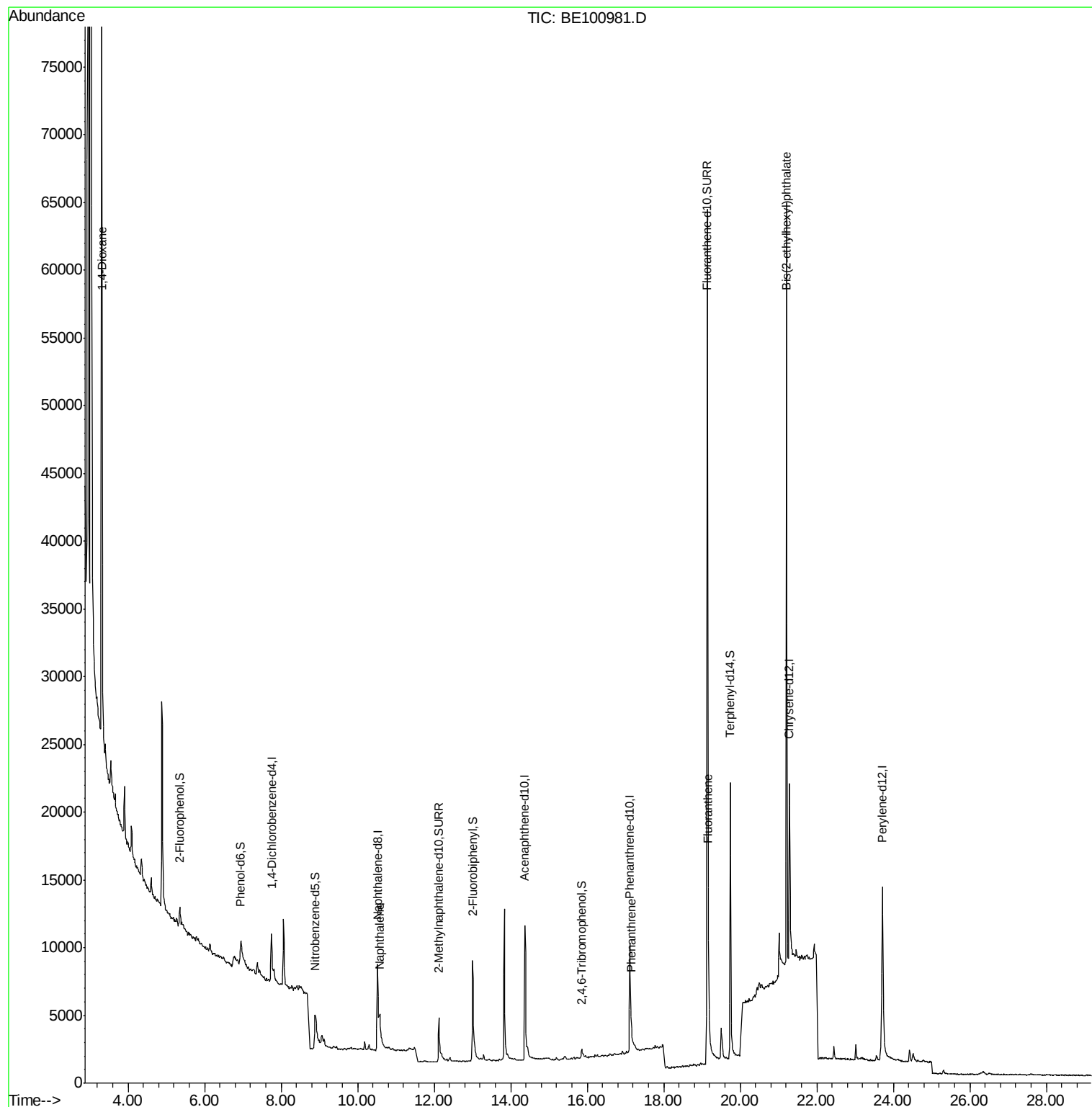
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
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ALS Vial : 9 Sample Multiplier: 1

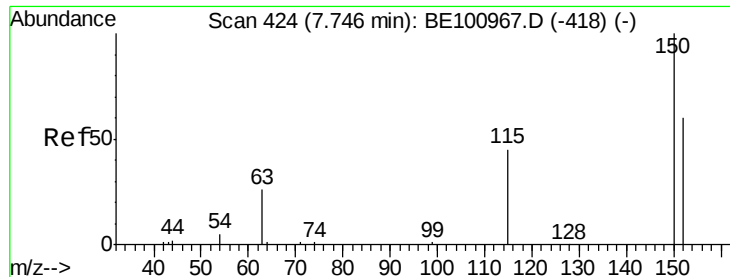
Instrument :
BNA_E
ClientSampleId :
MW-3

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#1

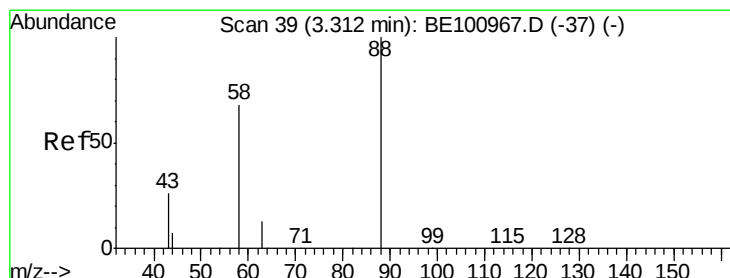
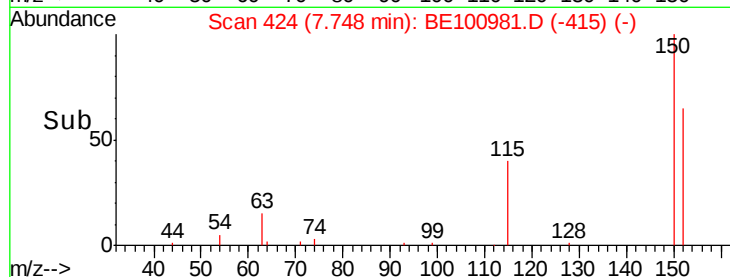
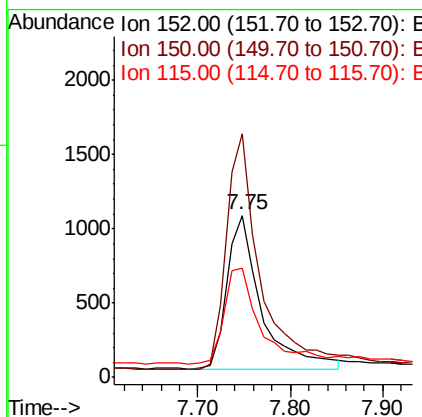
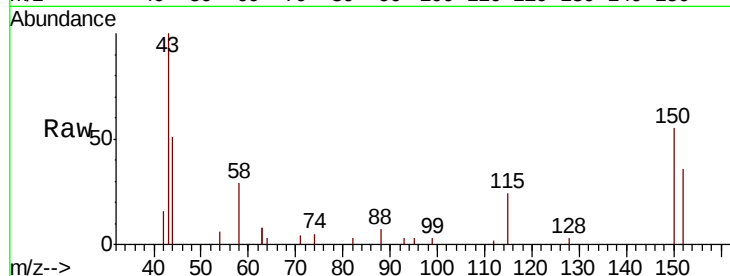
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	132.6	199.0
115	67.0	64.1	96.1

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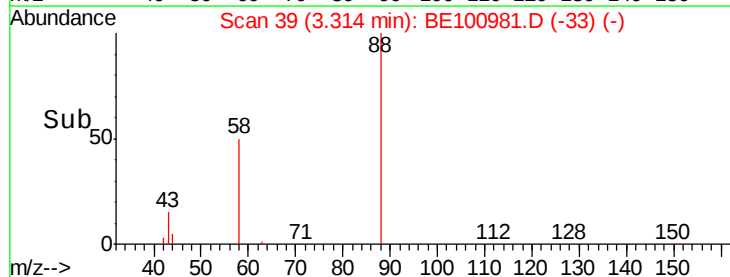
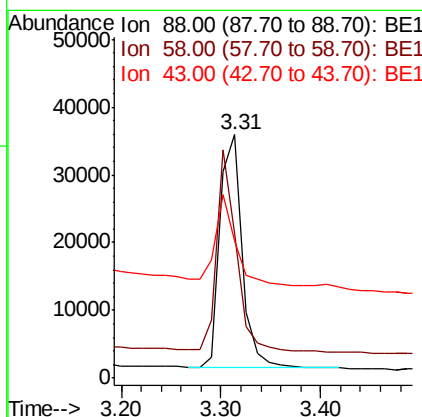
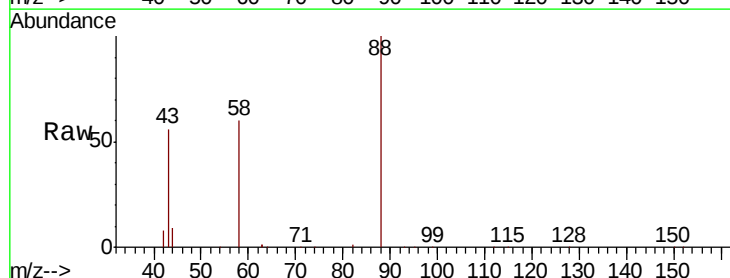
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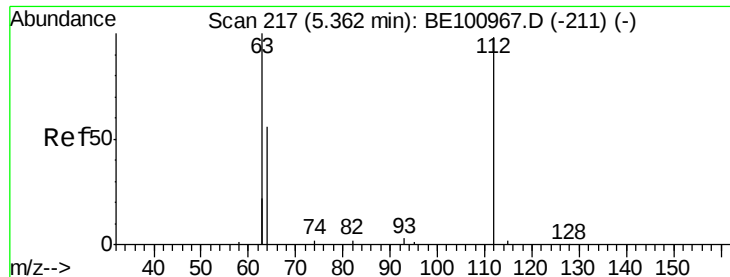


#2

1,4-Dioxane
Concen: 10.280 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	44.2	66.4#
43	35.7	21.0	31.6#





#4

2-Fluorophenol

Concen: 0.244 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

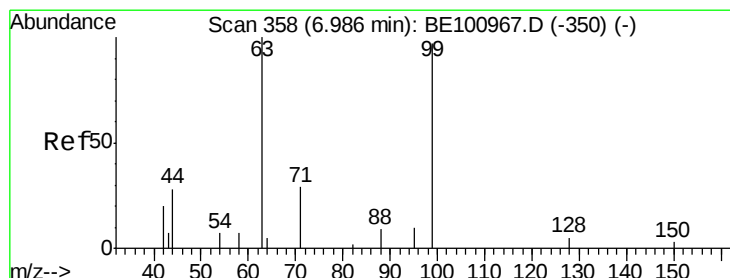
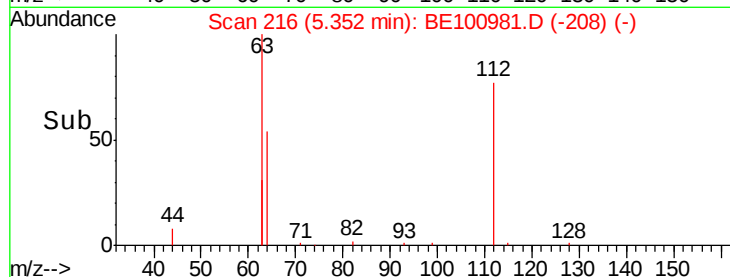
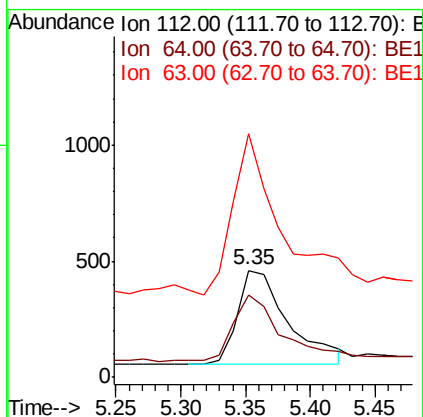
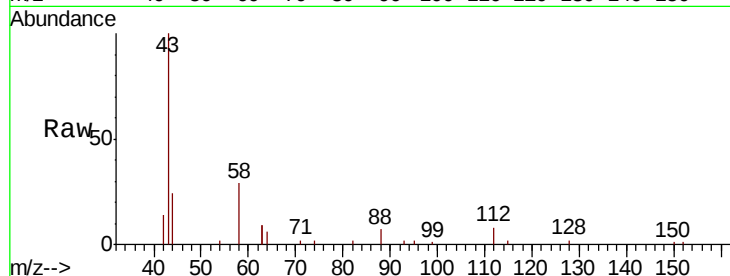
ClientSampleId :

MW-3

Tot Ion:	112	Resp:	1106
Ion Ratio	Lower	Upper	
112	100		
64	68.3	59.0	88.6
63	164.5	121.4	182.0

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#5

Phenol-d6

Concen: 0.311 ng m

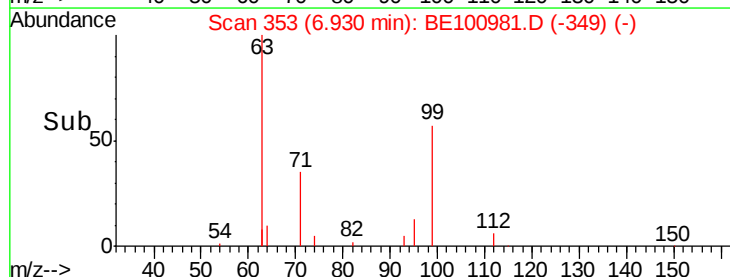
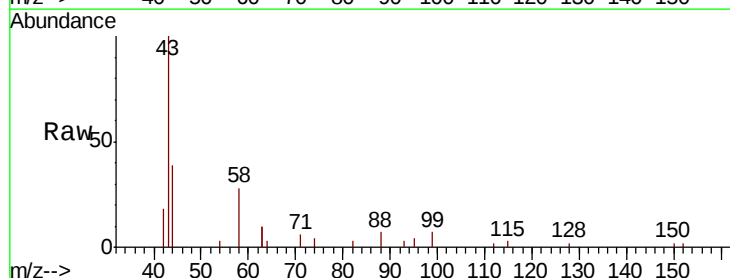
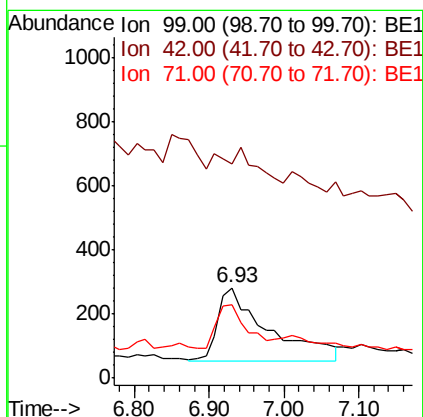
RT: 6.93 min Scan# 353

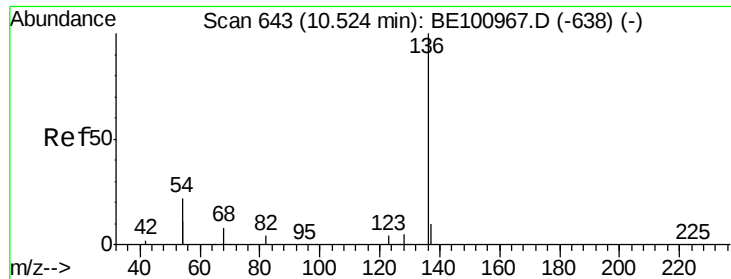
Delta R.T. -0.06 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Tgt Ion:	99	Resp:	1056
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	19.8	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

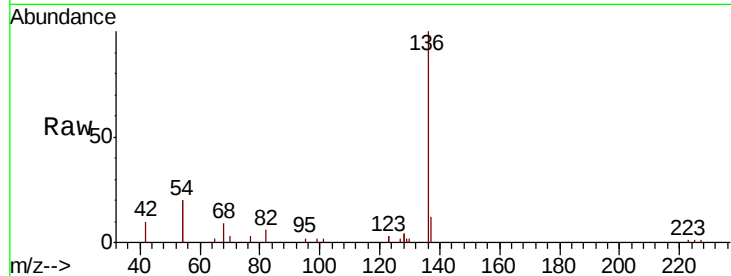
ClientSampleId :

MW-3

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	39.7	34.4	51.6
68	8.7	7.8	11.6

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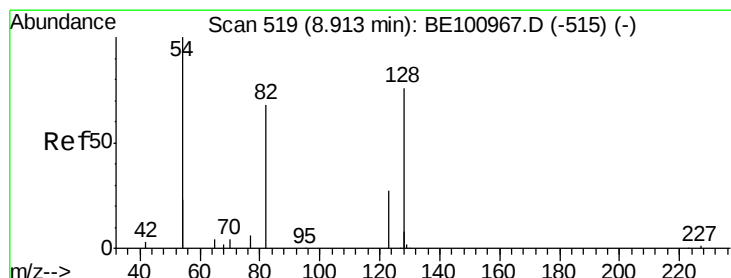
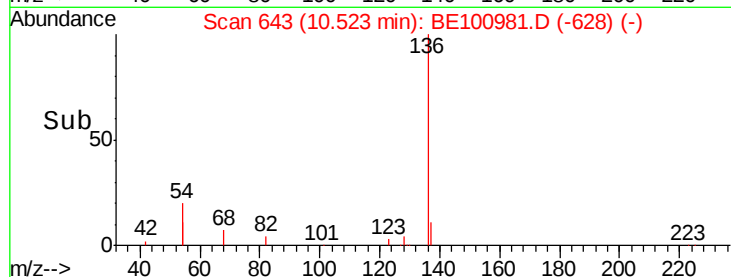
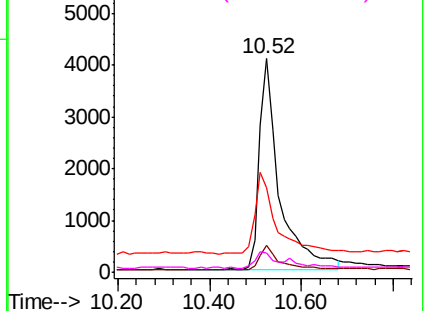
Abundance

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: 0.479 ng

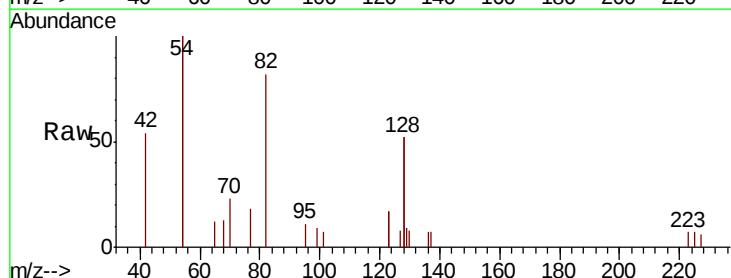
RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	127.0	140.2	210.2#
54	243.6	183.8	275.6

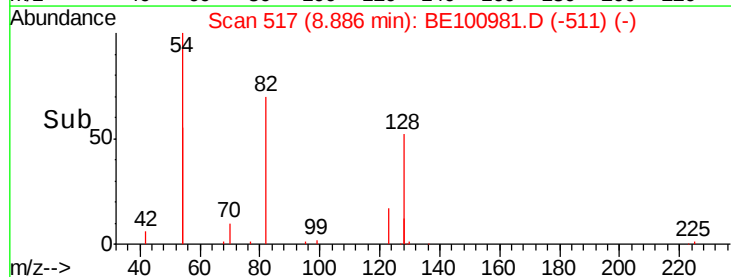
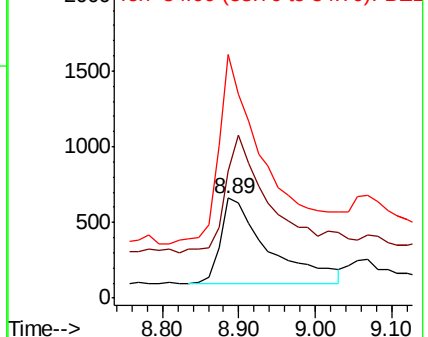


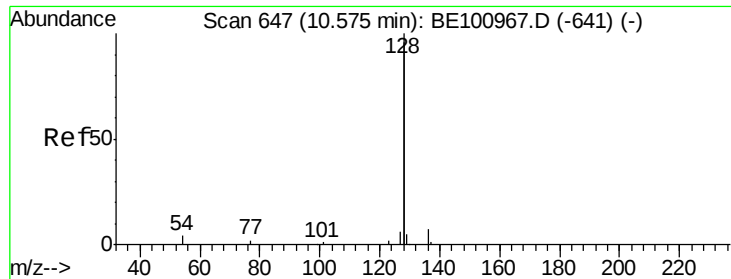
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.022 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

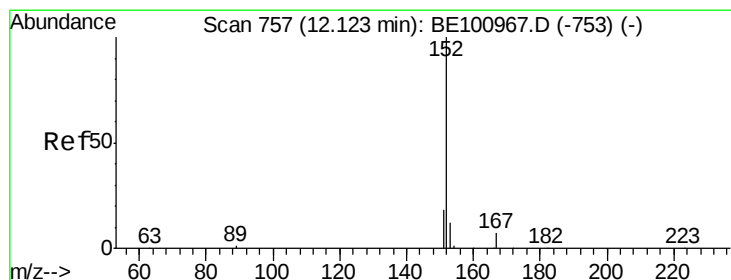
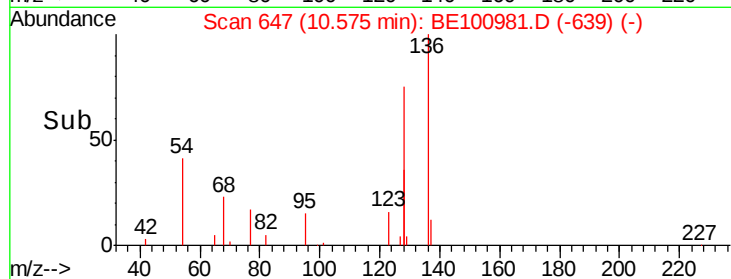
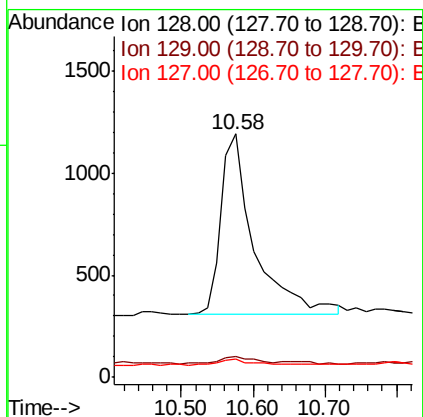
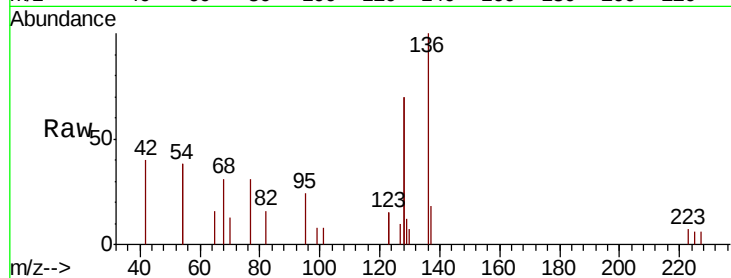
ClientSampleId :

MW-3

Tot Ion:	128	Resp:	2879
Ion Ratio	Lower	Upper	
128	100		
129	8.6	2.6	3.8#
127	7.5	2.8	4.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

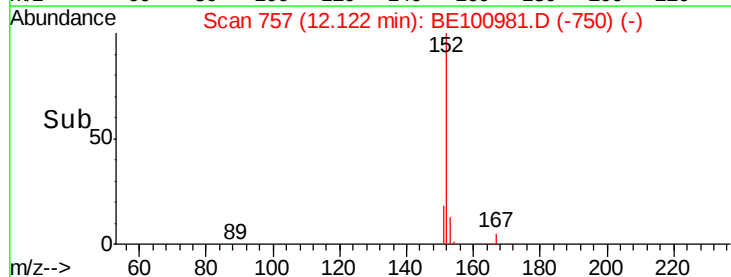
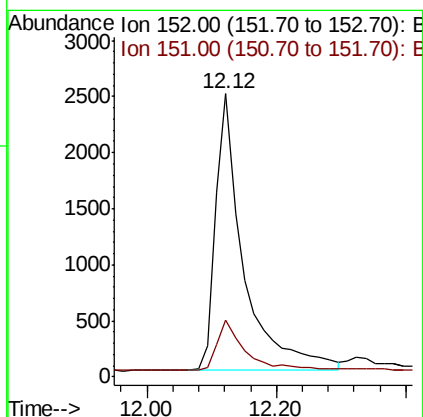
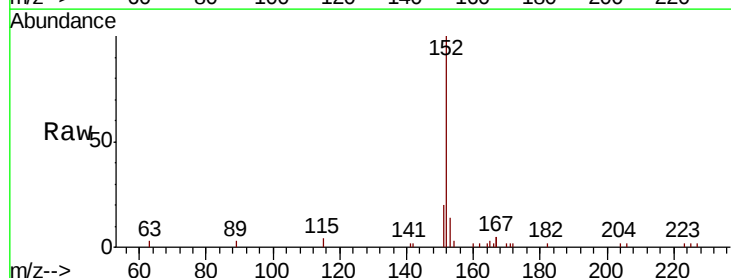
RT: 12.12 min Scan# 757

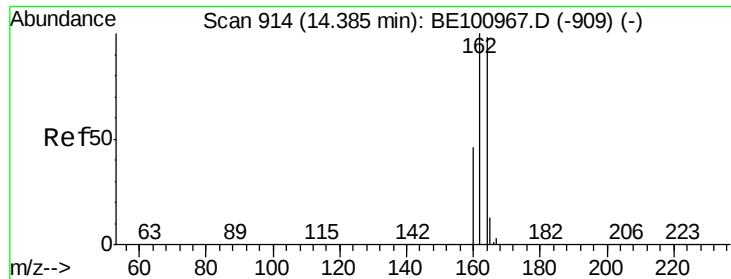
Delta R.T. -0.00 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Tgt Ion:	152	Resp:	7407
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.1	22.7





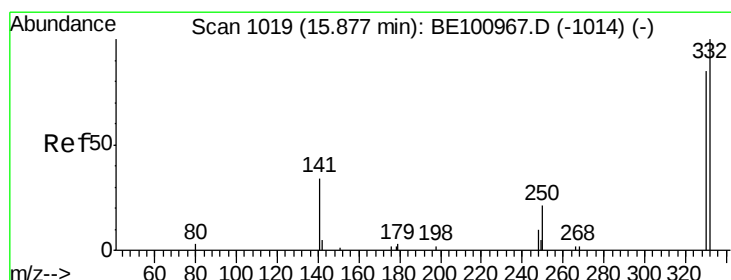
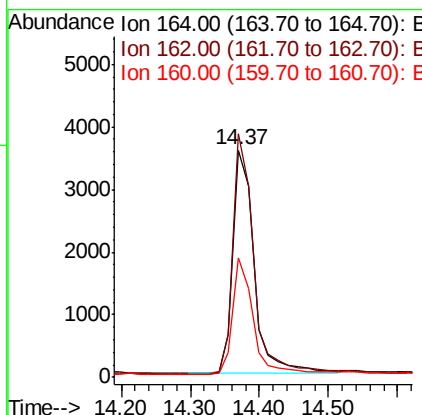
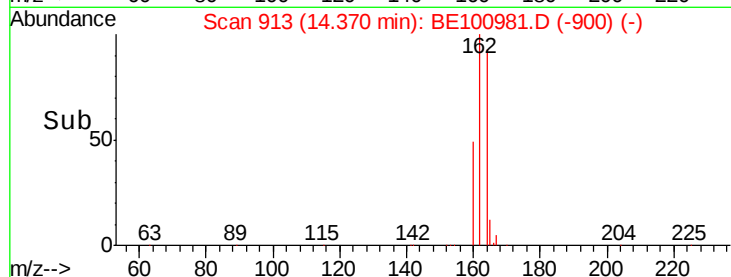
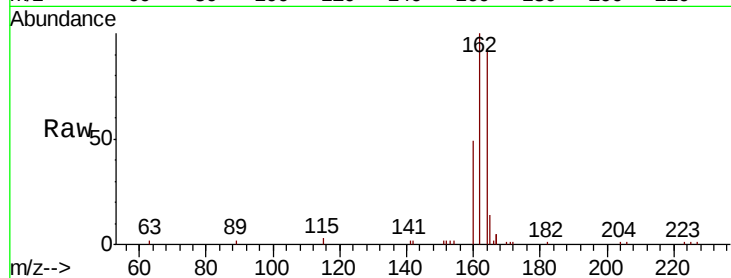
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.6	122.4
160	52.7	37.7	56.5

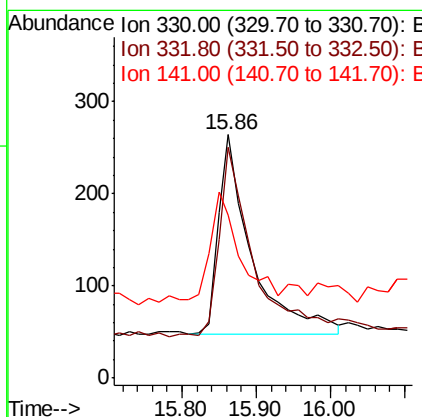
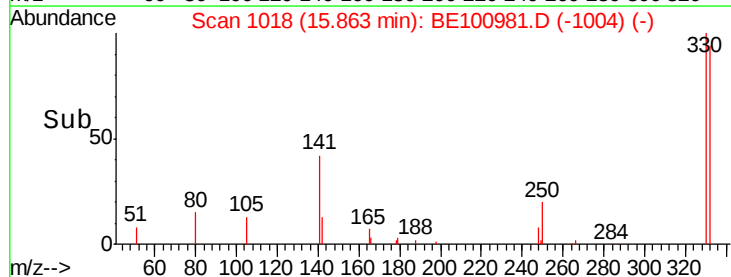
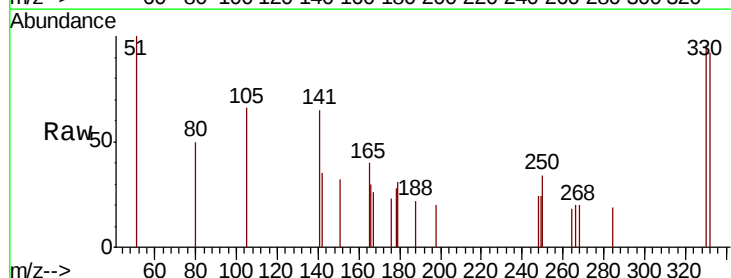
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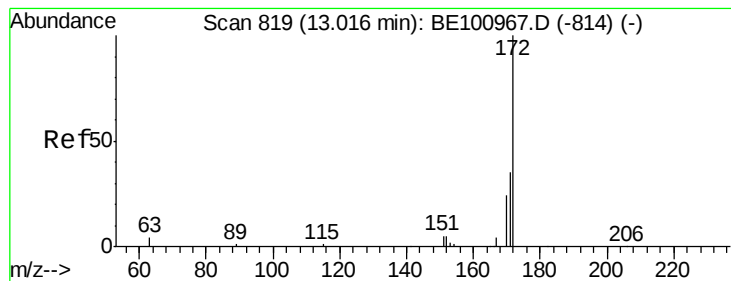
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#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	72.4	108.6
141	49.2	25.4	38.2#





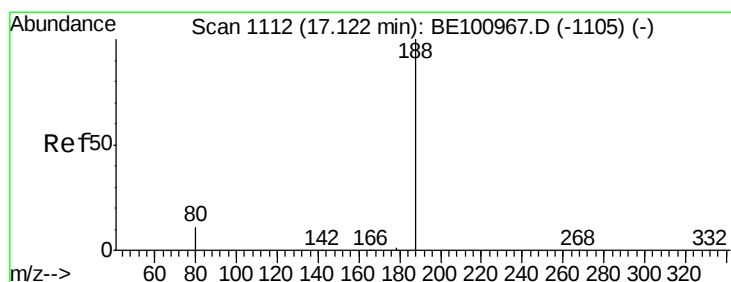
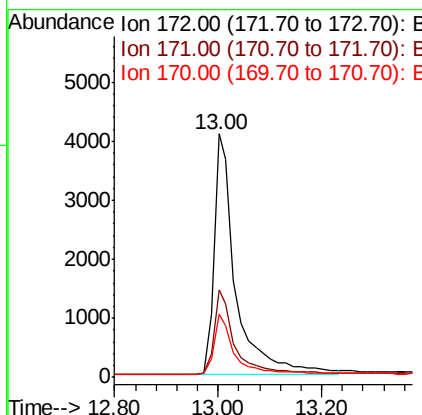
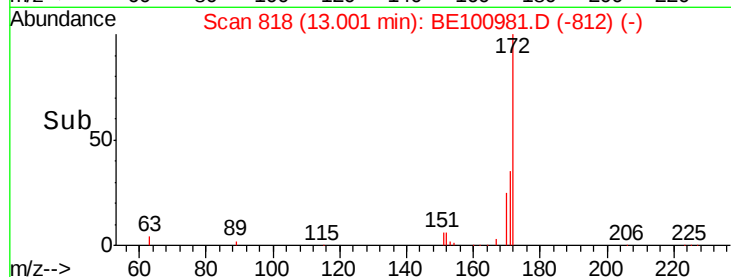
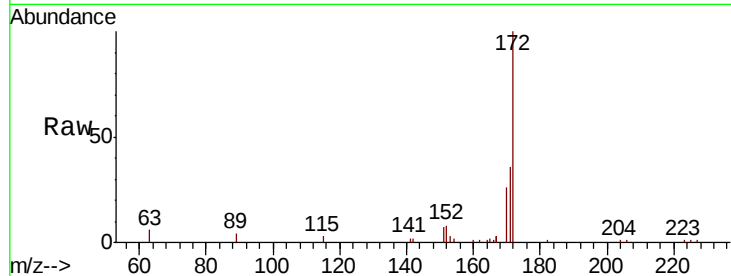
#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	26.1	20.0	30.0

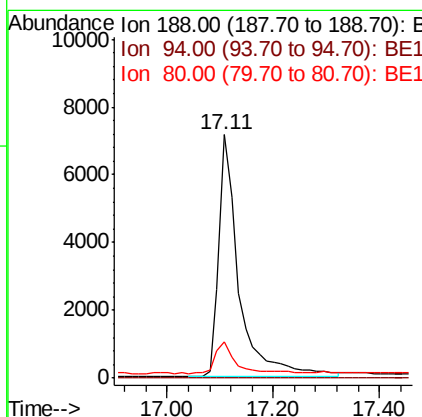
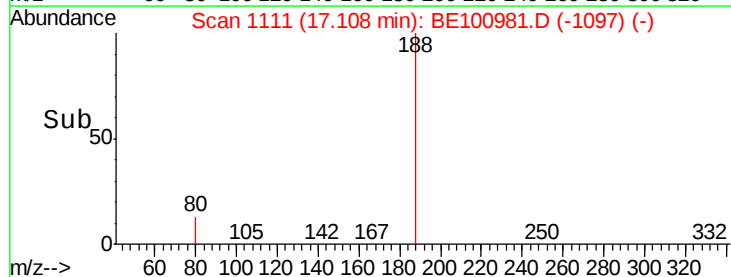
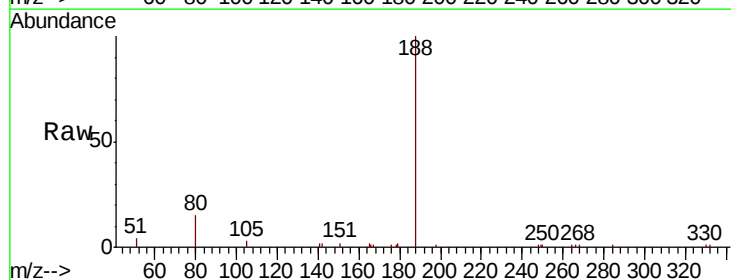
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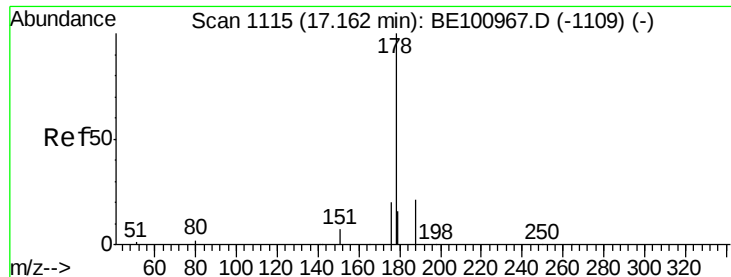
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	9.7	14.5





#23

Phenanthrene

Concen: 0.043 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

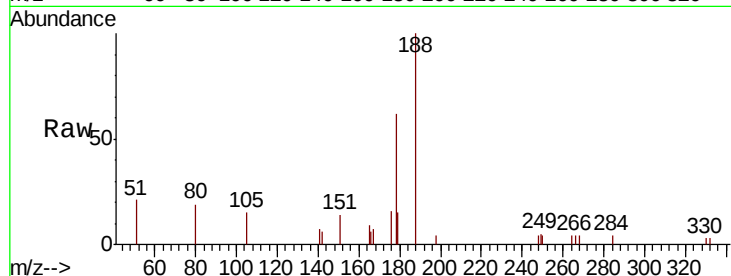
ClientSampleId :

MW-3

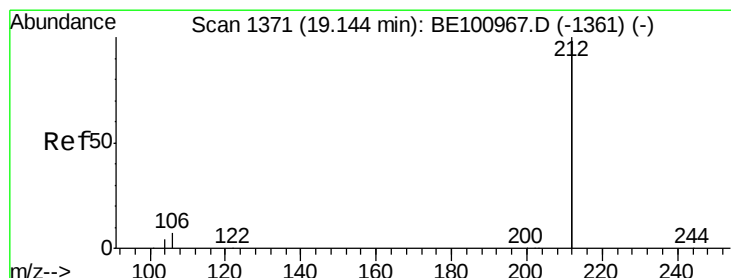
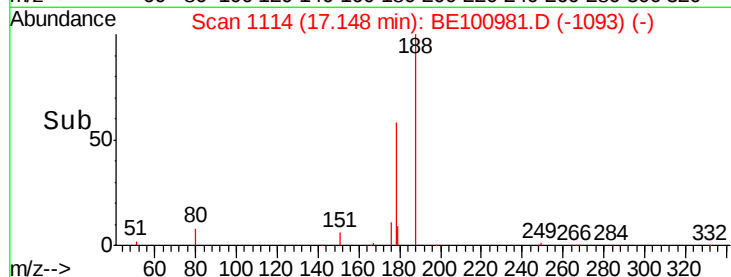
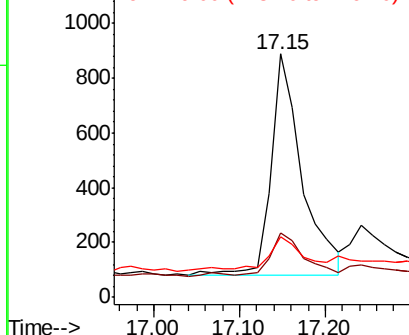
Tot Ion:178	Resp:	2040
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.7 23.5
179	18.5	12.6 18.8

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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



#25

Fluoranthene-d10

Concen: 0.494 ng

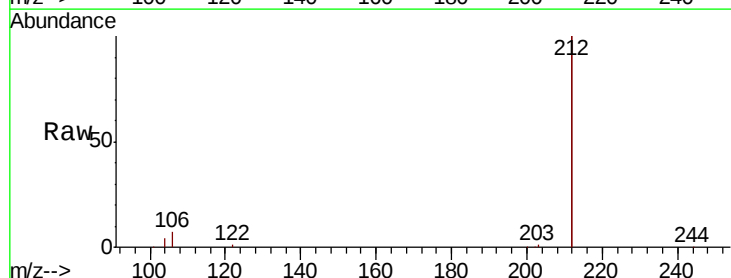
RT: 19.14 min Scan# 1370

Delta R.T. -0.00 min

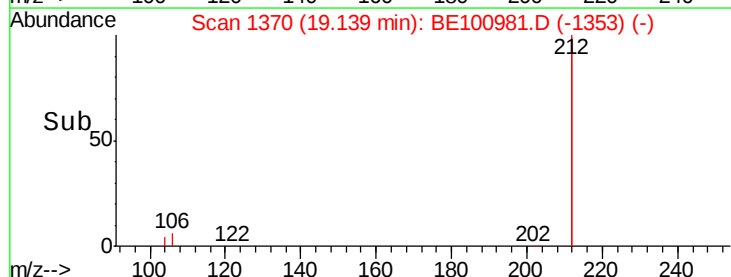
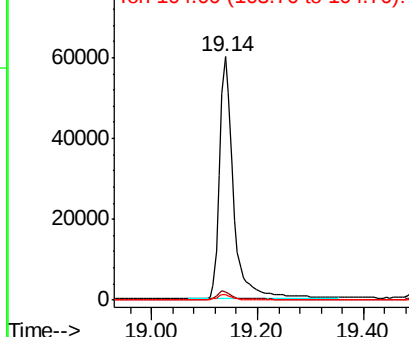
Lab File: BE100981.D

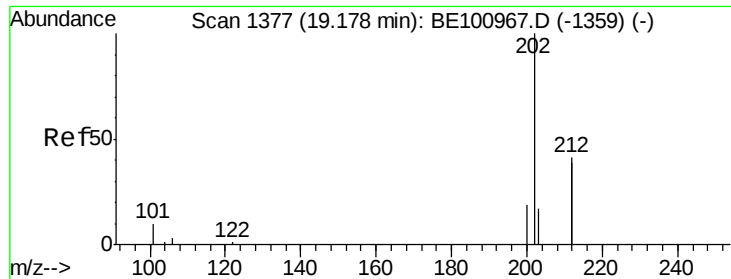
Acq: 26 Dec 2019 21:16

Tgt Ion:212	Resp:	110533
Ion Ratio	Lower	Upper
212	100	
106	3.4	2.4 3.6
104	1.9	1.4 2.0



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





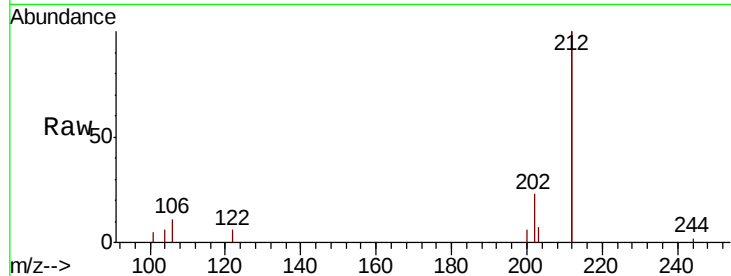
#26
Fluoranthene
Concen: 0.023 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.0	13.4#
203	19.7	13.2	19.8

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12/27/2019 4:21:10 PM

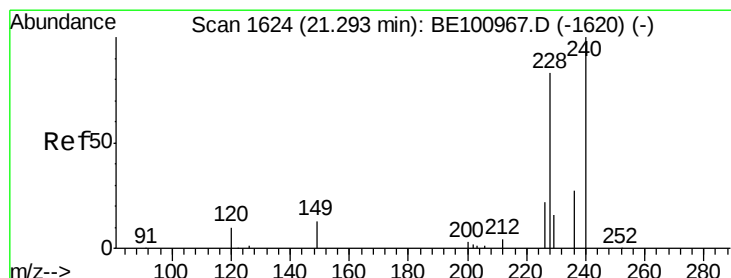
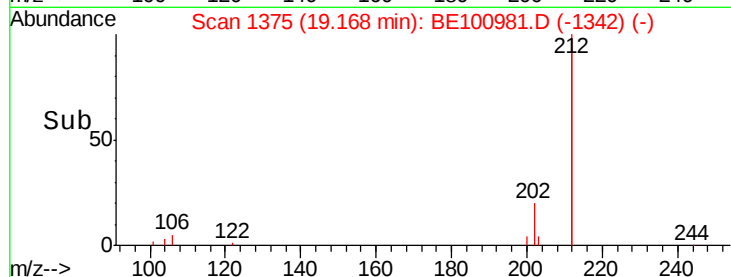
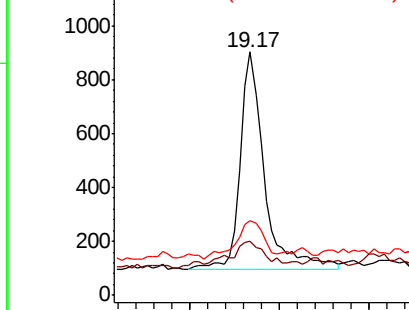


Abundance

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: 21.28 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

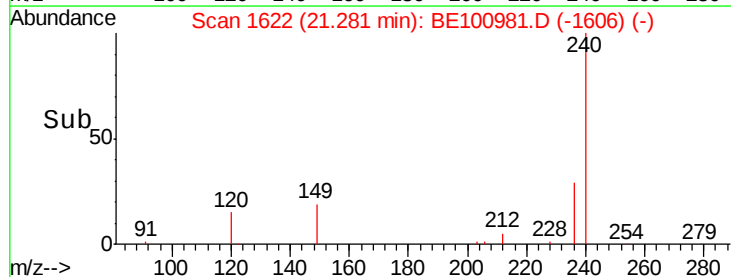
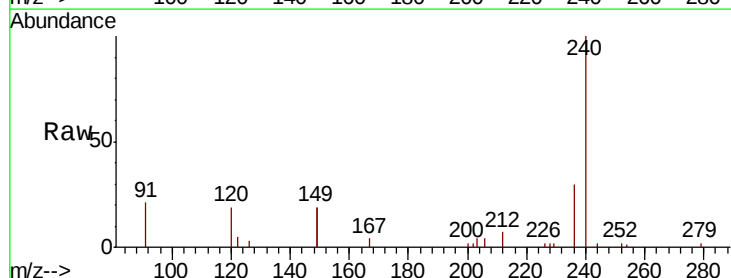
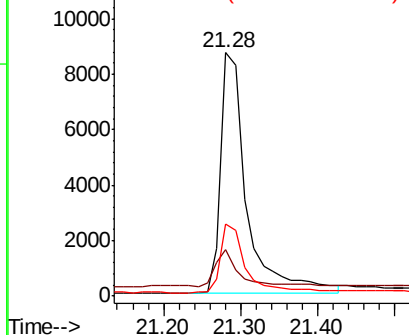
Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	10.2	15.4#
236	29.7	22.6	34.0

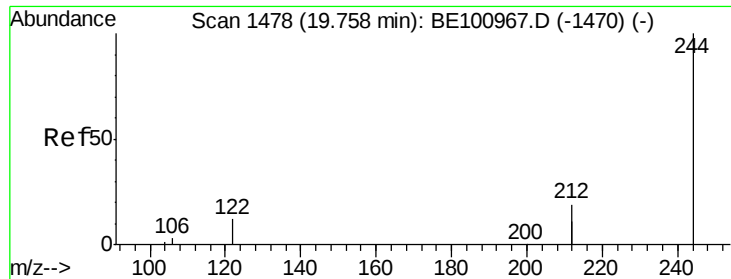
Abundance

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





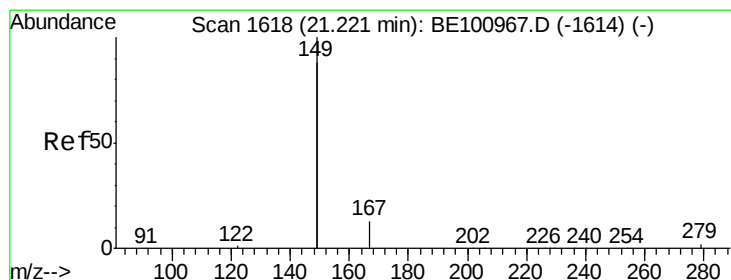
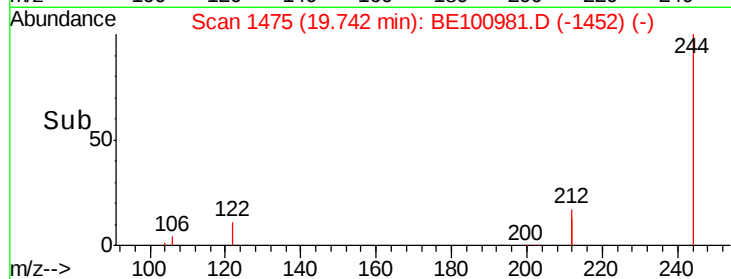
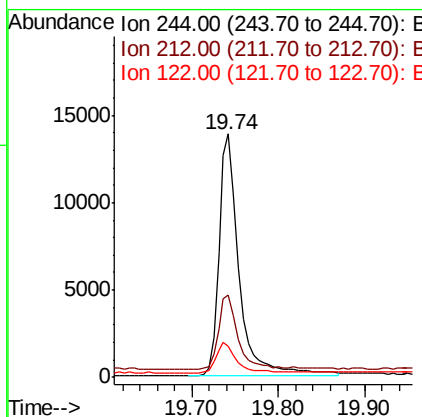
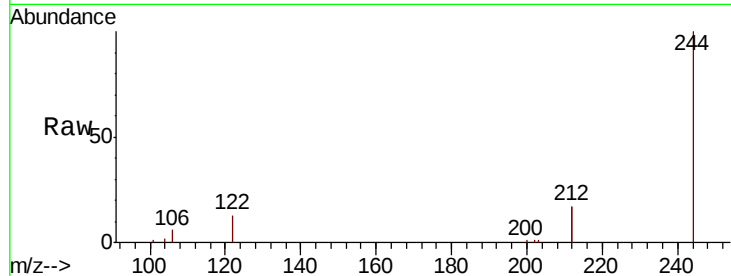
#29
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.0	29.3	43.9
122	13.0	10.2	15.4

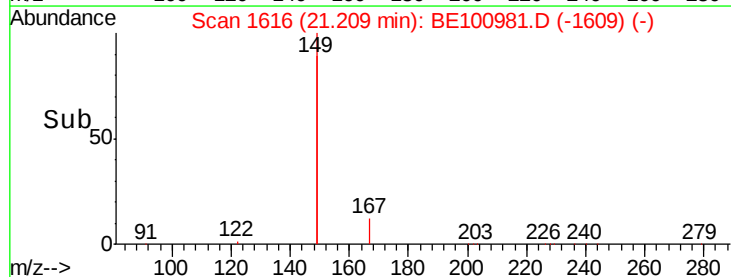
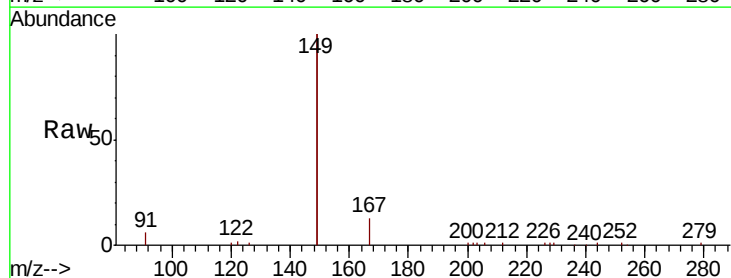
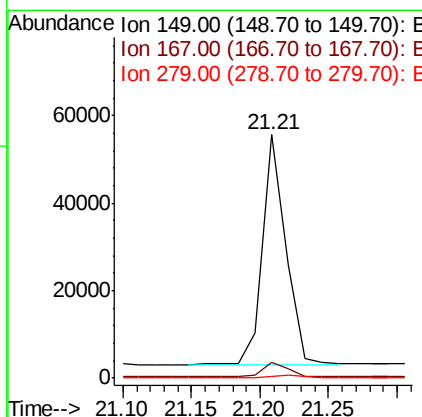
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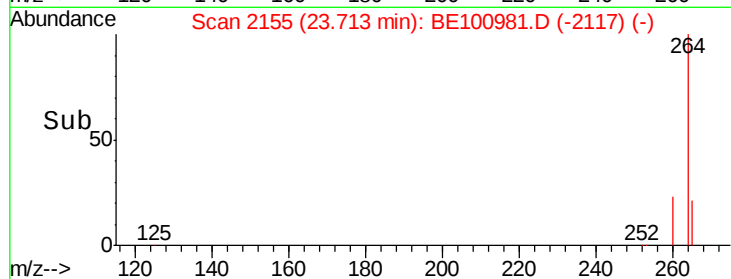
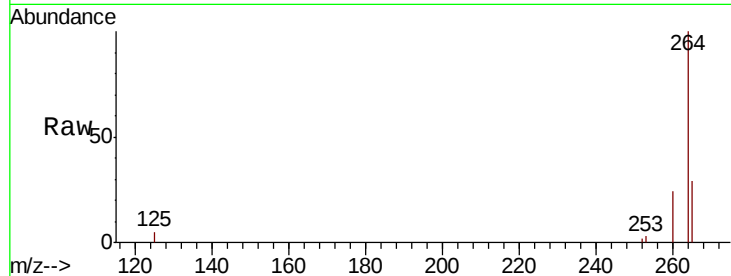
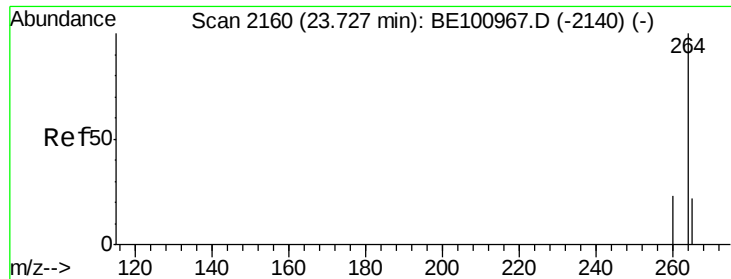
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 12/27/2019 4:21:10 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.697 ng
 RT: 21.21 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.1	7.7
279	0.9	0.6	1.0





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tot Ion:	264	Resp:	23731
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	28.6	26.6	40.0

Instrument :
BNA_E
ClientSampleId :
MW-3

Manual Integrations
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12/27/2019 4:21:10 PM

