

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100980.D
 Acq On : 26 Dec 2019 20:40
 Operator : JU
 Sample : K6392-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

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Quant Time: Dec 27 10:56:23 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	2473	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11890	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7246	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	17742	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20269	0.40	ng	0.00
34) Perylene-d12	23.71	264	23728	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1030	0.25	ng	0.00
5) Phenol-d6	6.93	99	811m	0.29	ng	-0.06
8) Nitrobenzene-d5	8.90	82	2365	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7009	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	620	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12880	0.50	ng	-0.01
25) Fluoranthene-d10	19.14	212	105408	0.49	ng	0.00
29) Terphenyl-d14	19.74	244	23077	0.50	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	51066	10.664	ng	# 74
9) Naphthalene	10.57	128	2819	0.022	ng	# 88
23) Phenanthrene	17.15	178	1885	0.041	ng	97
26) Fluoranthene	19.17	202	1269	0.020	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.21	149	89562	0.978	ng	100

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

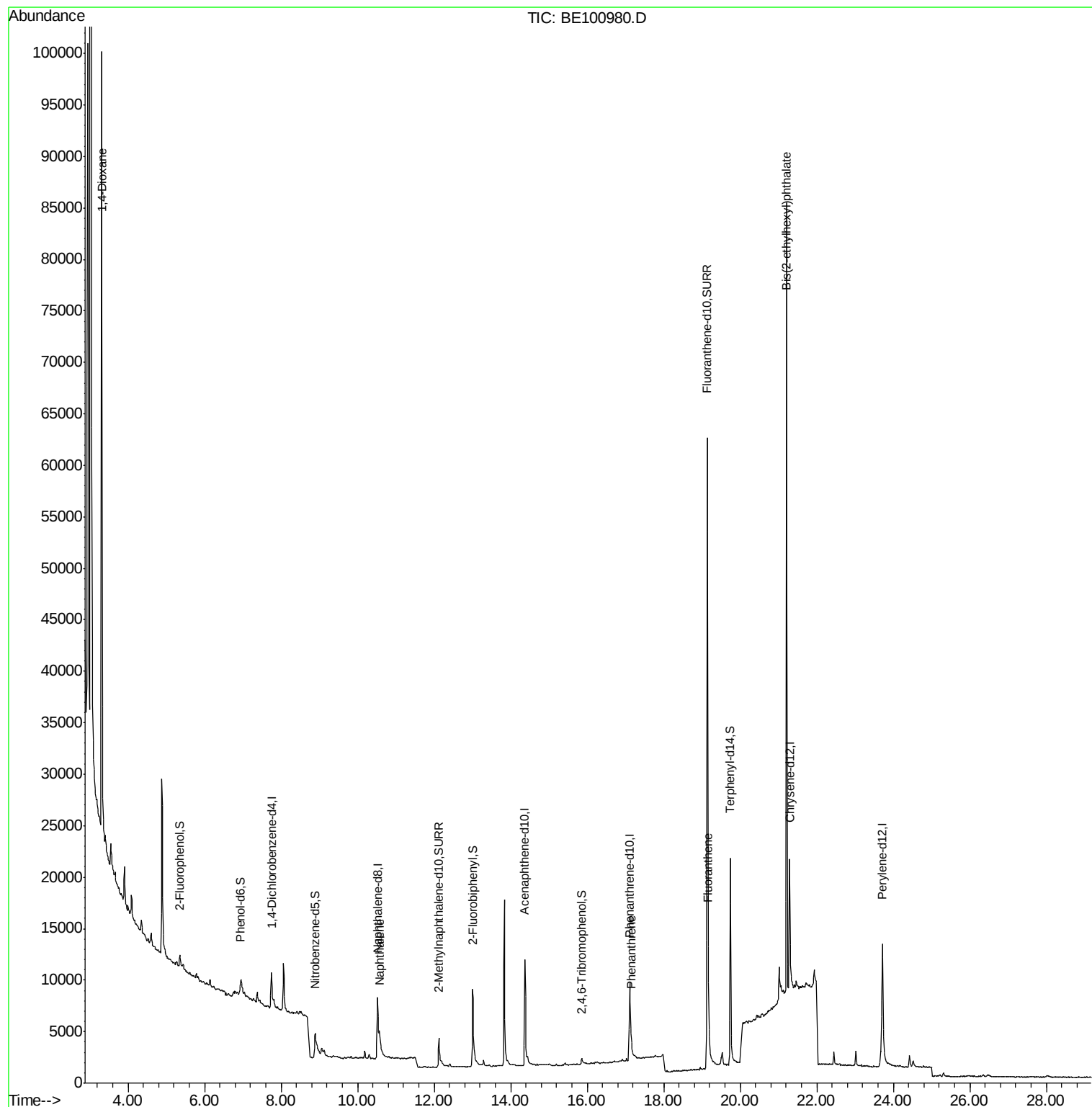
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100980.D
Acq On : 26 Dec 2019 20:40
Operator : JU
Sample : K6392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
MW-2

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#1

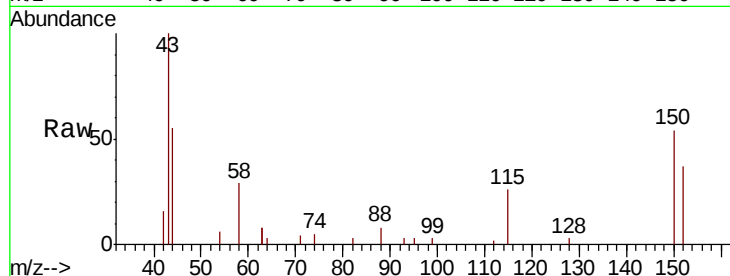
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	132.6	199.0
115	70.6	64.1	96.1

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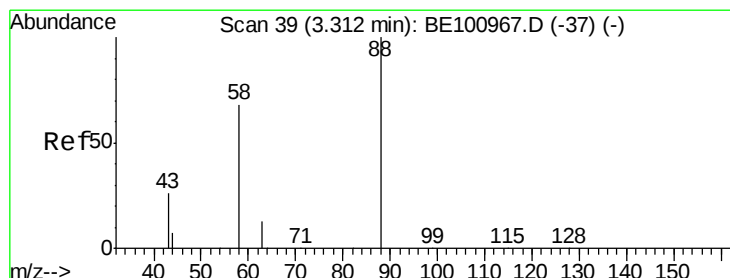
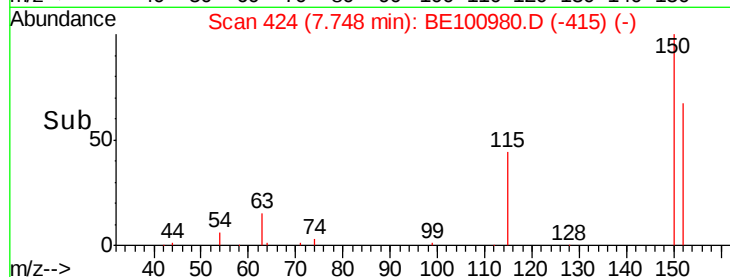
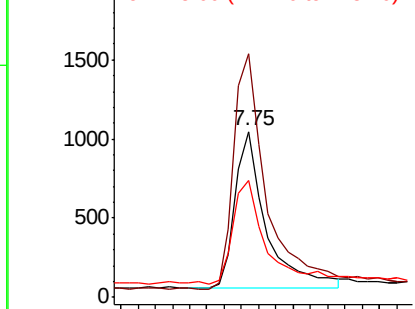


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

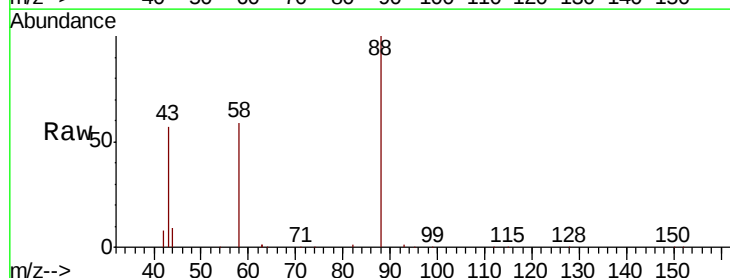
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.664 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	44.2	66.4#
43	37.0	21.0	31.6#

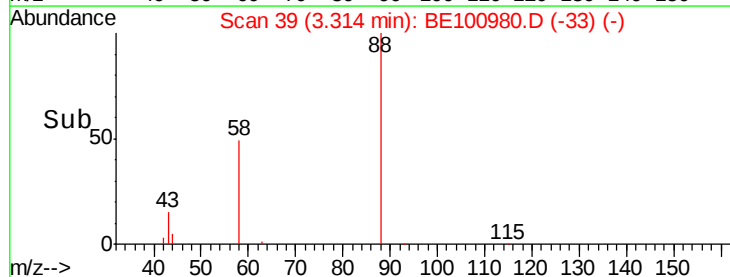
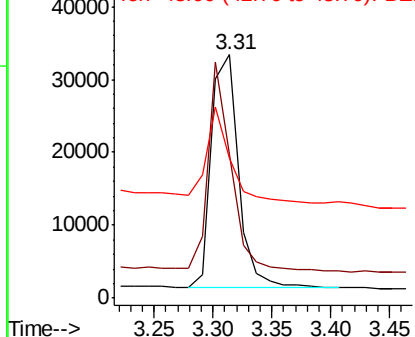


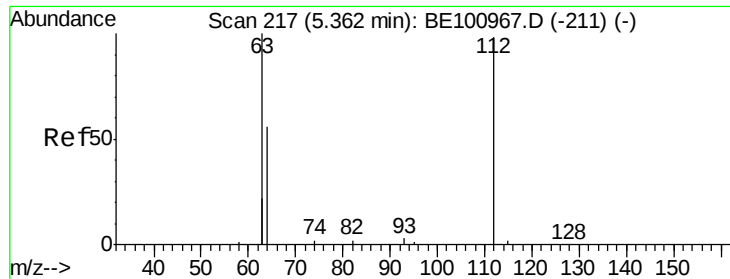
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.246 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

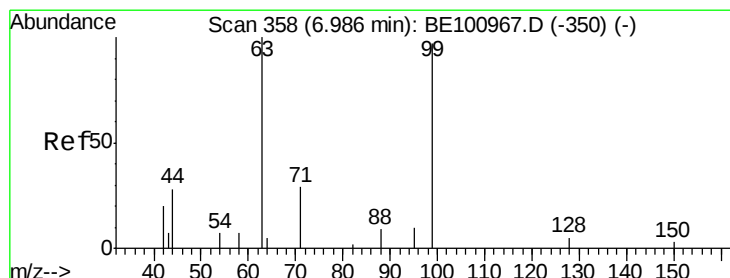
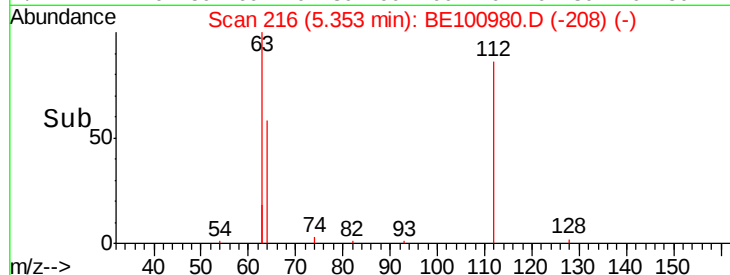
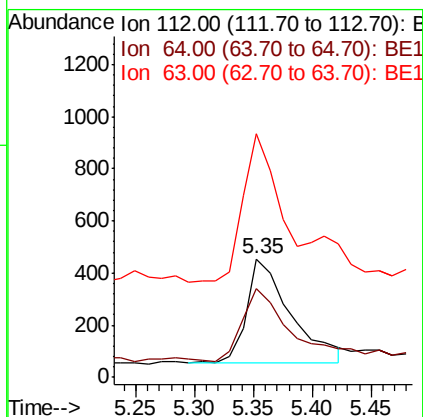
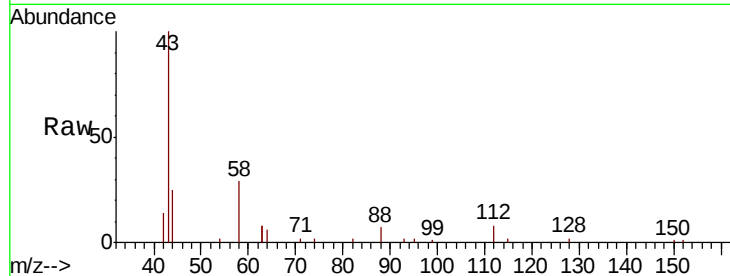
ClientSampleId :

MW-2

Tot Ion:	112	Resp:	1030
Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.0	88.6
63	149.6	121.4	182.0

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#5

Phenol-d6

Concen: 0.293 ng m

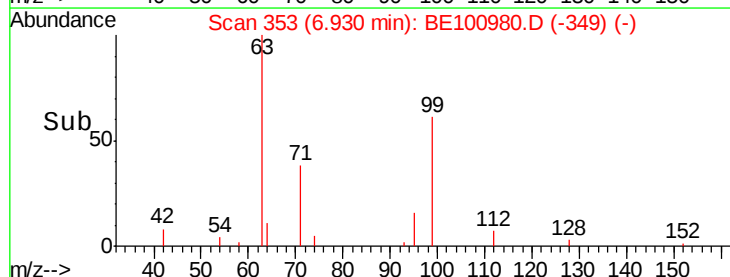
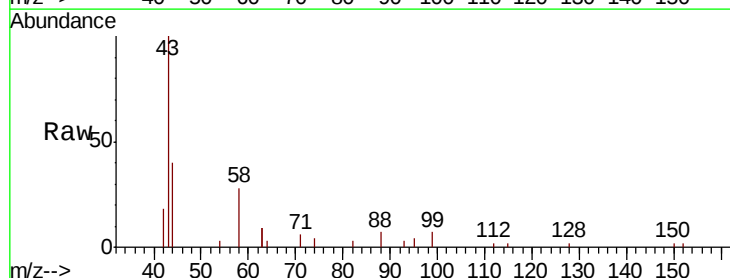
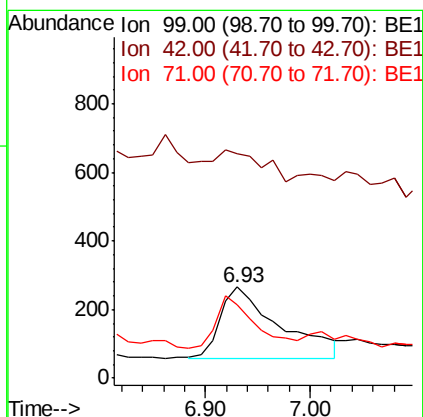
RT: 6.93 min Scan# 353

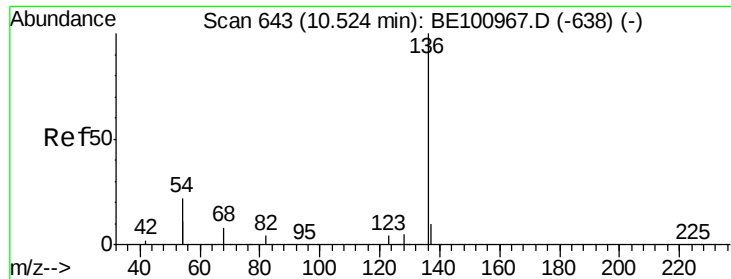
Delta R.T. -0.06 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Tgt Ion:	99	Resp:	811
Ion	Ratio	Lower	Upper
99	100		
42	21.6	0.0	0.0#
71	30.9	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: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

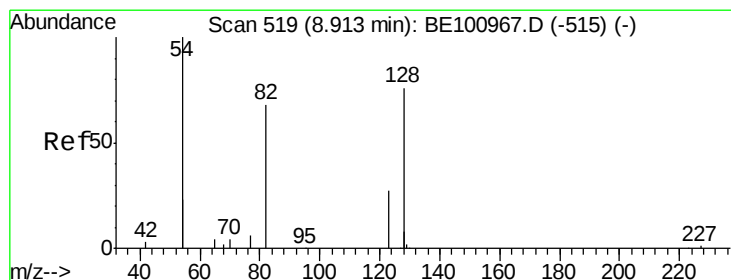
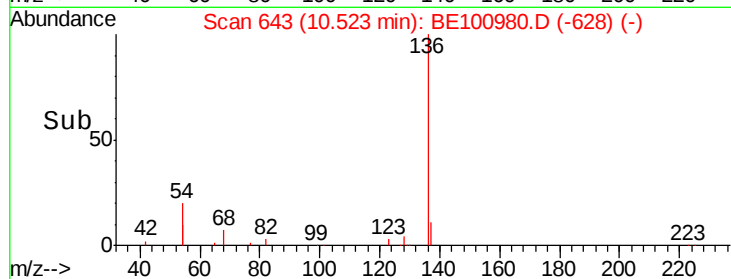
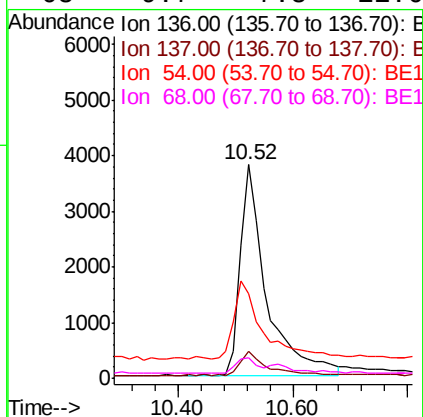
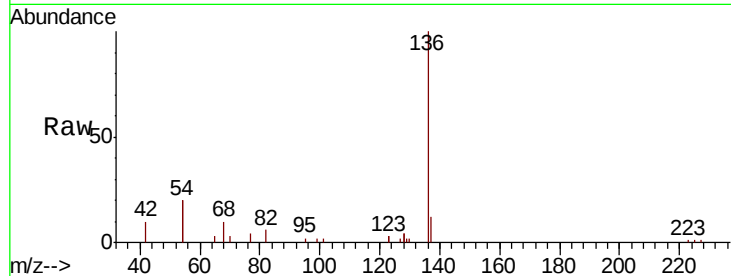
ClientSampled :

MW-2

Tot Ion	136	Resp	11890
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.6
54	39.4	34.4	51.6
68	9.7	7.8	11.6

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#8

Nitrobenzene-d5

Concen: 0.476 ng

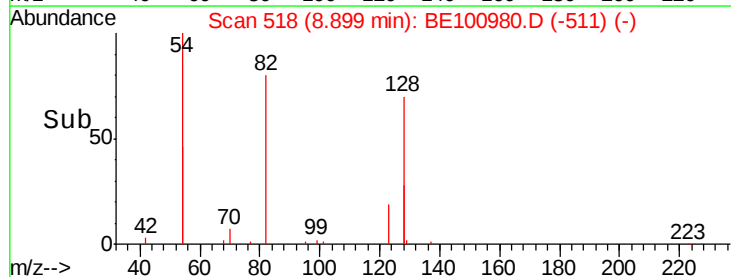
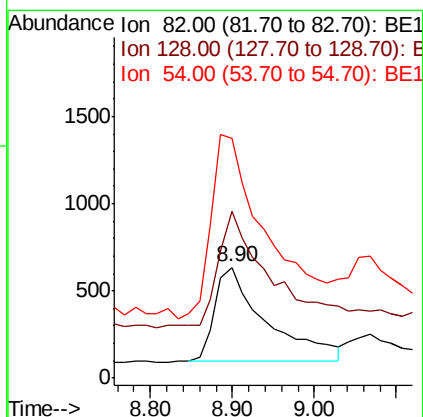
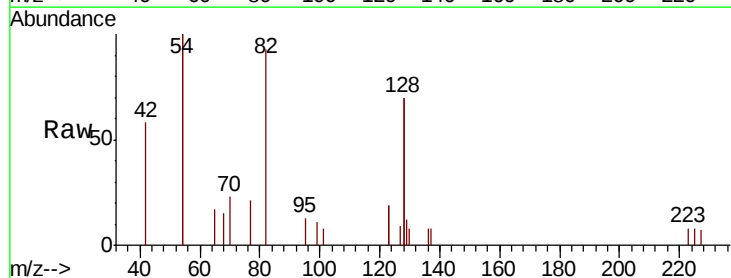
RT: 8.90 min Scan# 518

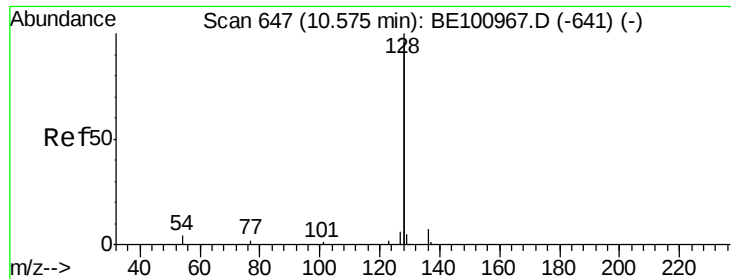
Delta R.T. -0.01 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Tgt Ion	82	Resp	2365
Ion Ratio	Lower	Upper	
82	100		
128	150.6	140.2	210.2
54	216.0	183.8	275.6





#9

Naphthalene

Concen: 0.022 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

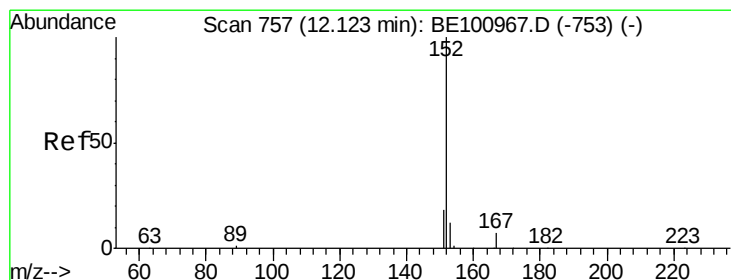
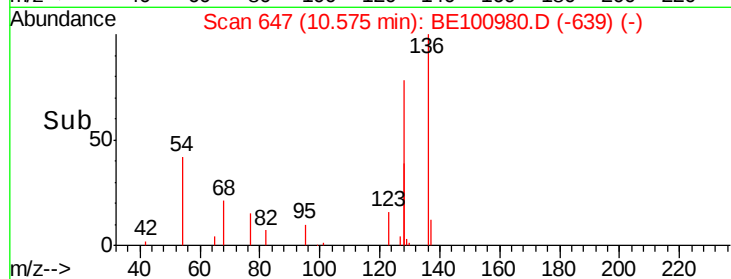
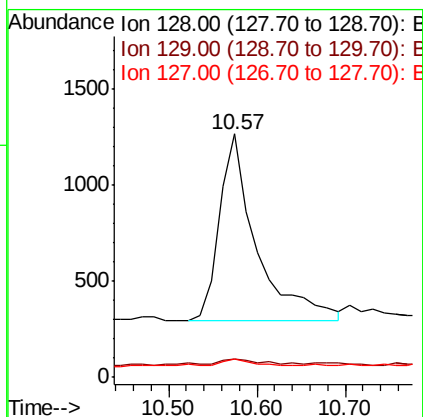
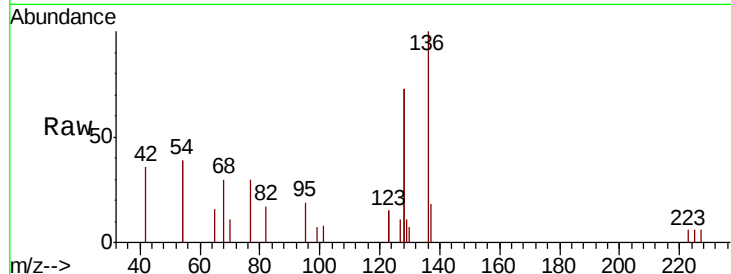
ClientSampleId :

MW-2

Tot Ion:	128	Resp:	2819
Ion Ratio	Lower	Upper	
128	100		
129	7.4	2.6	3.8#
127	7.3	2.8	4.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

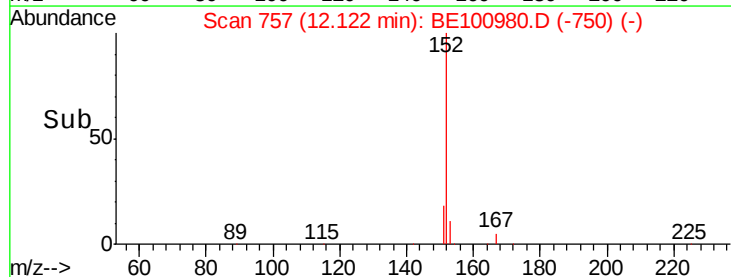
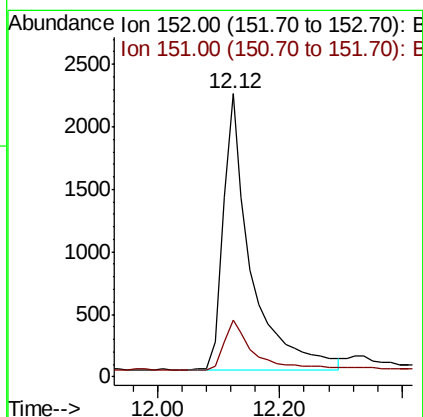
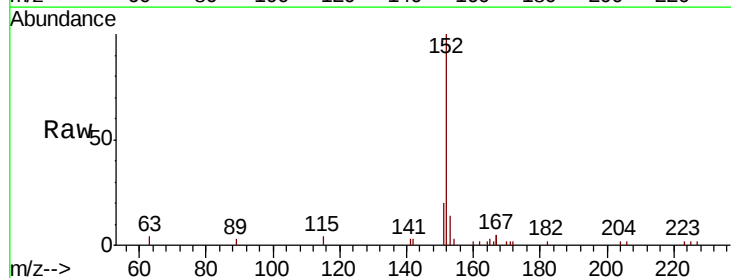
RT: 12.12 min Scan# 757

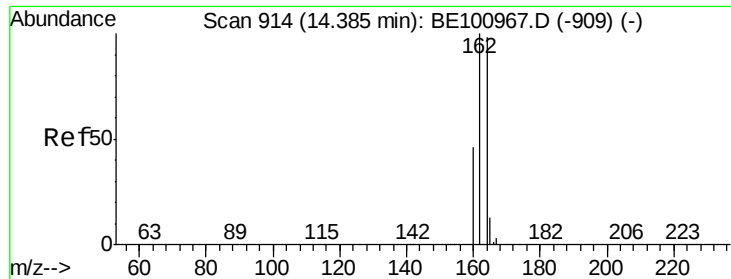
Delta R.T. -0.00 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Tgt Ion:	152	Resp:	7009
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.1	22.7





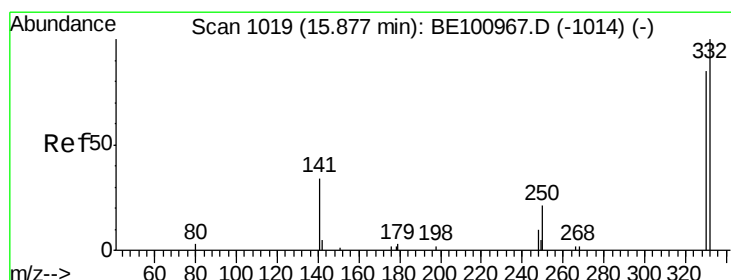
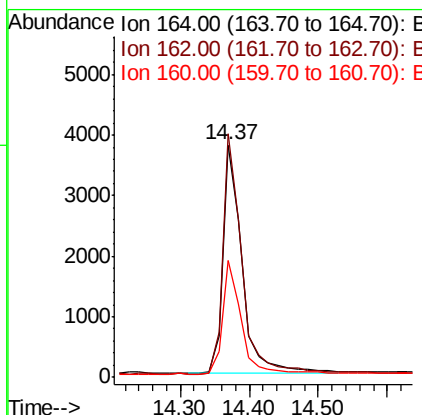
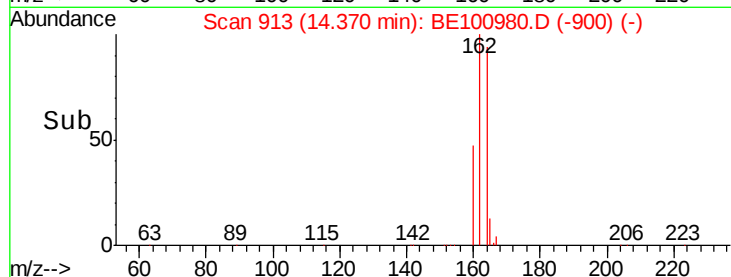
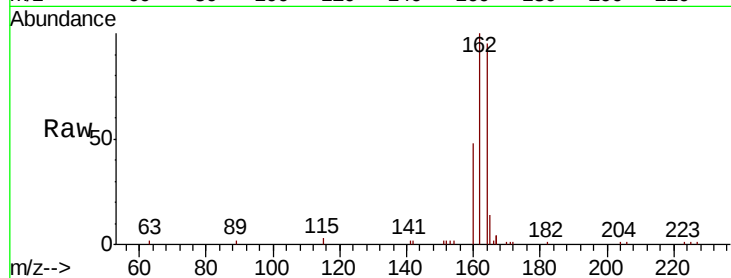
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	50.4	37.7	56.5

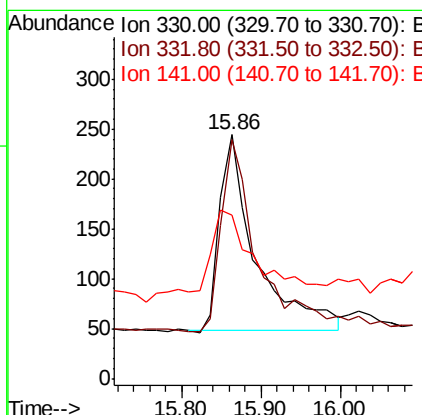
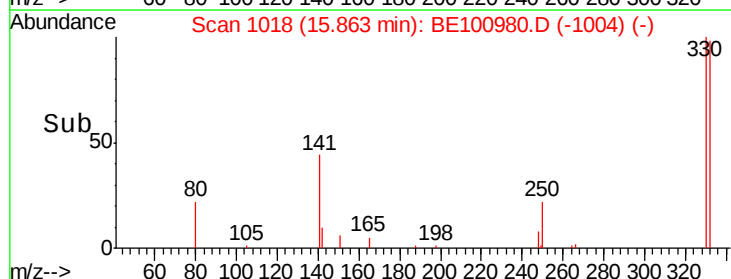
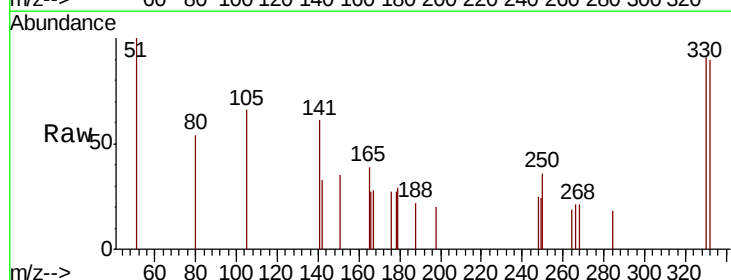
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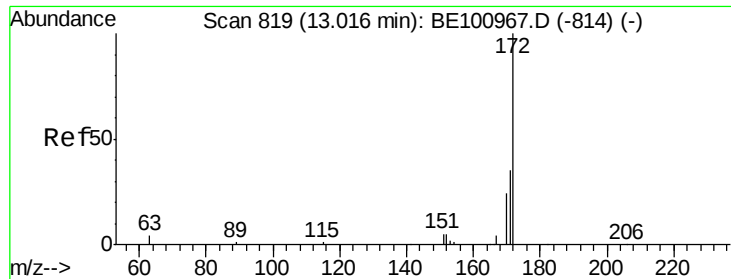
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#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	72.4	108.6
141	71.3	25.4	38.2#





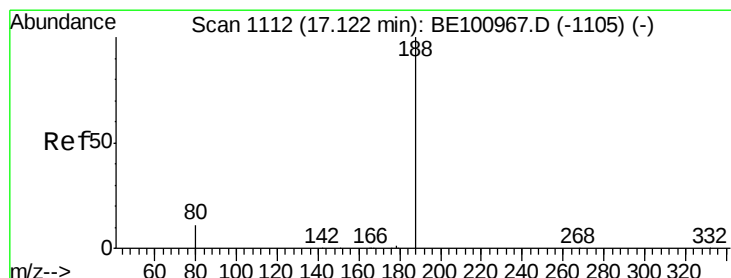
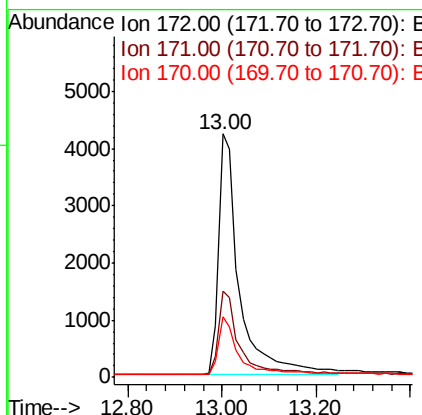
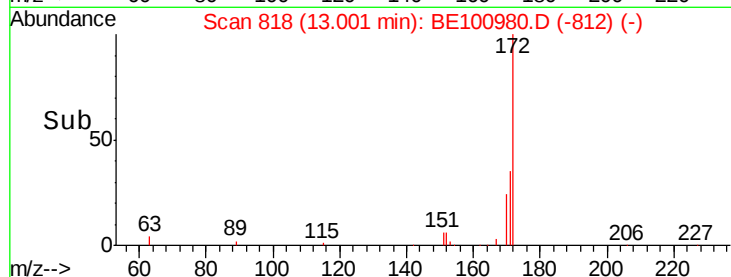
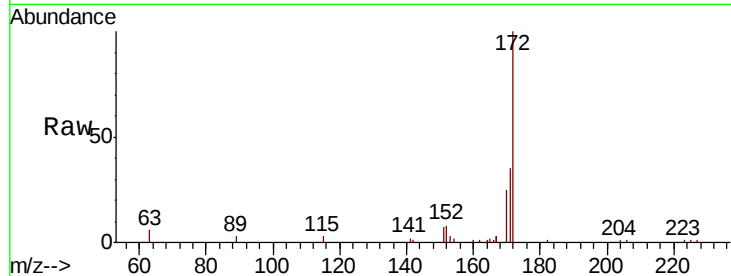
#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	25.0	20.0	30.0

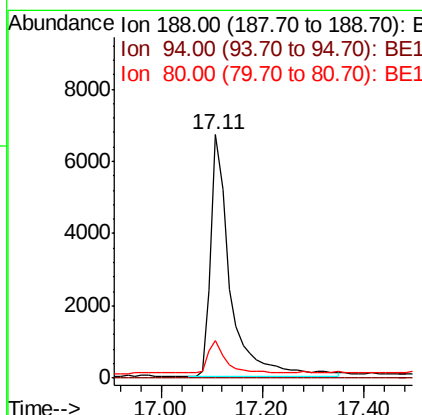
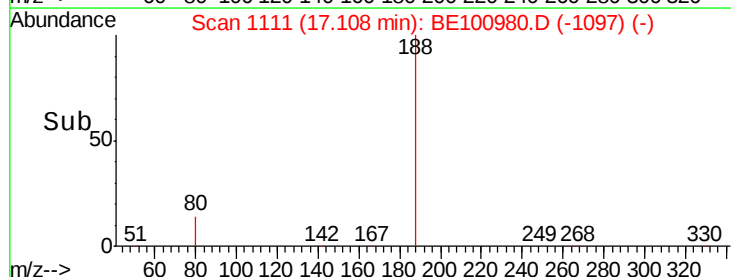
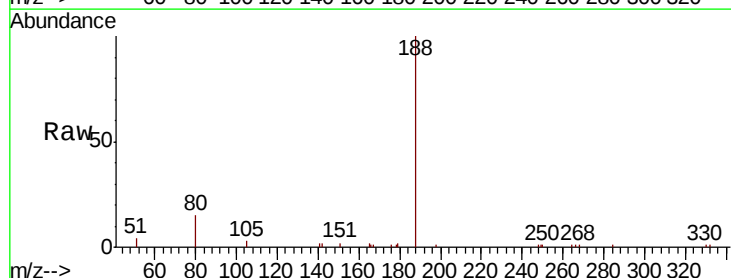
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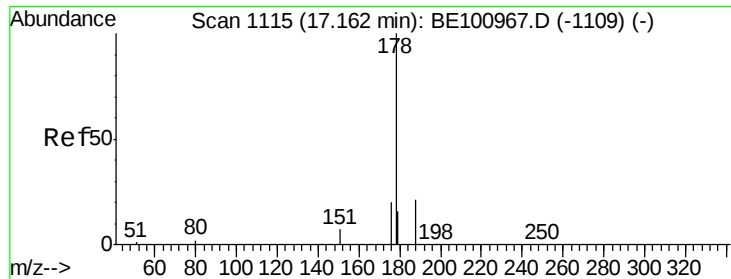
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	9.7	14.5





#23

Phenanthrene

Concen: 0.041 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

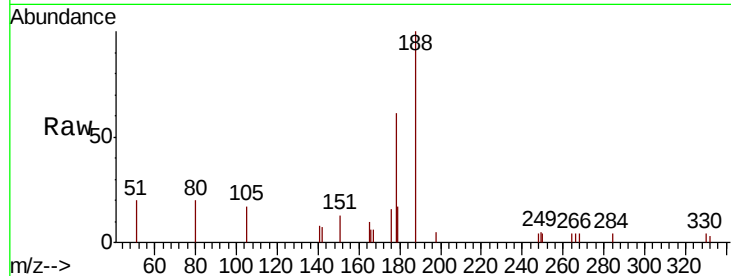
ClientSampleId :

MW-2

Tot Ion:	178	Resp:	1885
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.7	23.5
179	17.6	12.6	18.8

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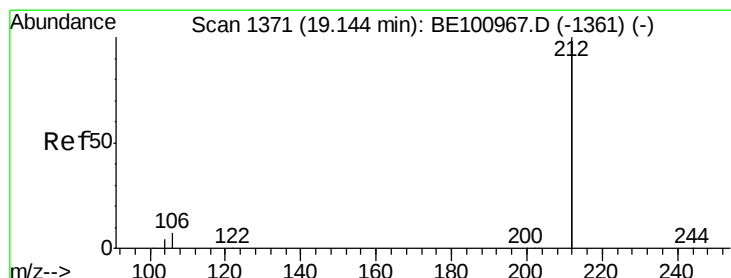
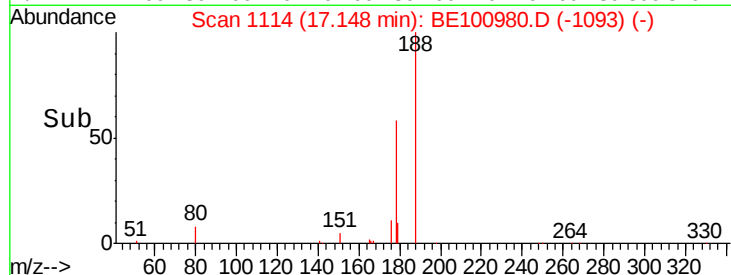
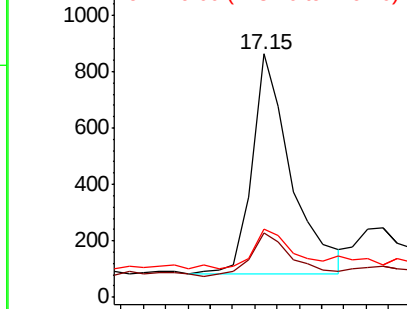


Abundance

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: 0.490 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

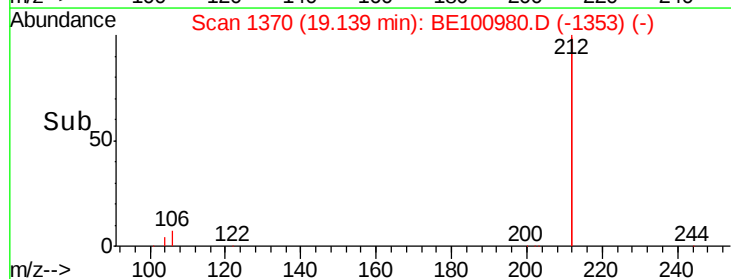
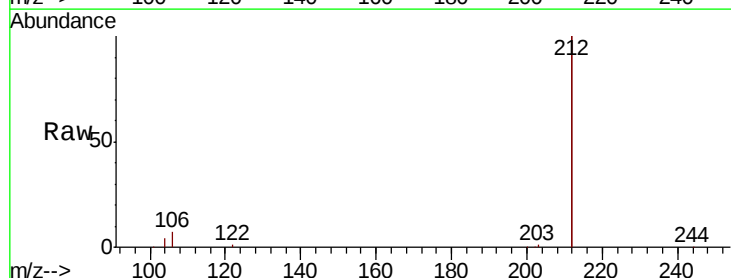
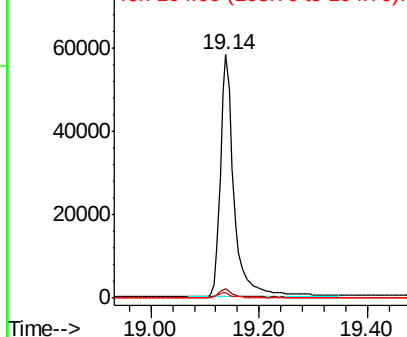
Tgt Ion:	212	Resp:	105408
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.4	3.6
104	1.9	1.4	2.0

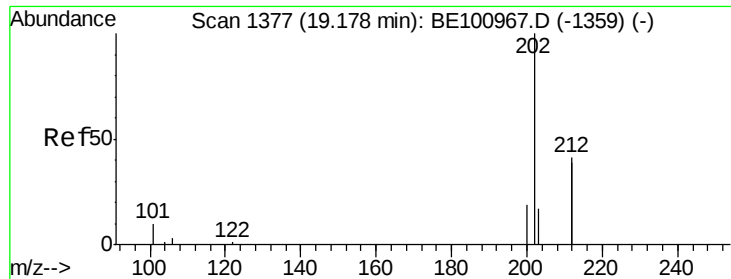
Abundance

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





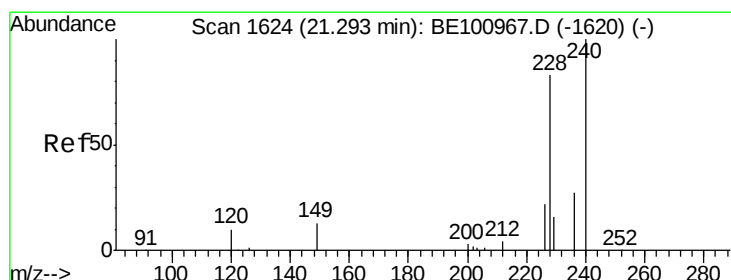
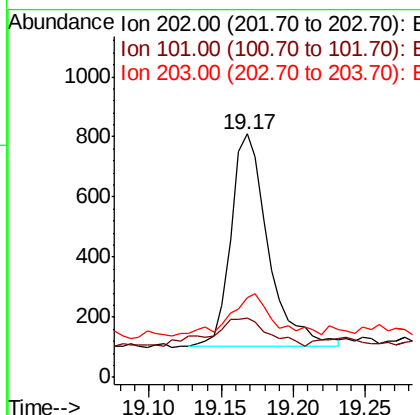
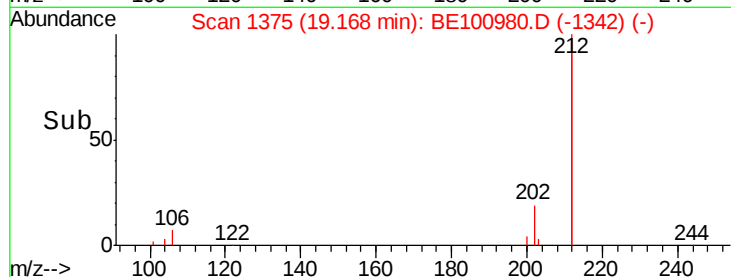
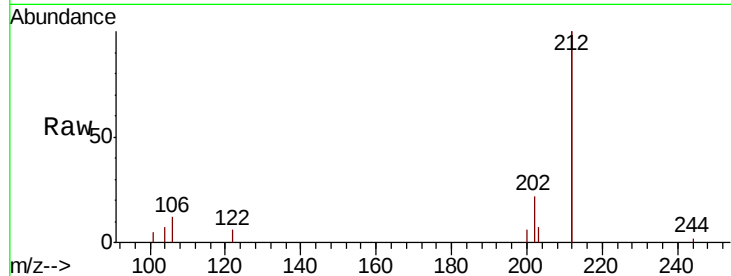
#26
Fluoranthene
Concen: 0.020 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampled :
MW-2

Tot Ion	Ratio	Lower	Upper
202	100		
101	20.8	9.0	13.4#
203	23.2	13.2	19.8#

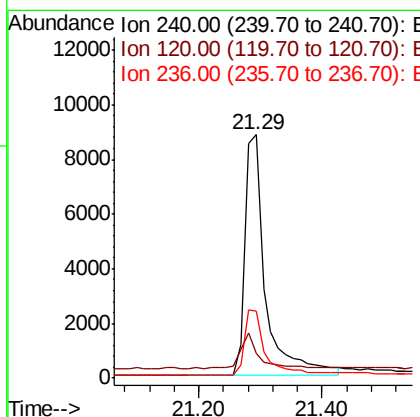
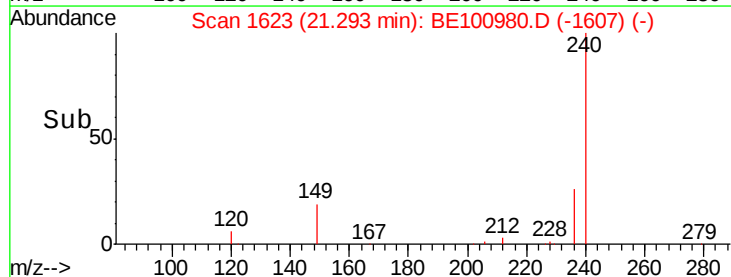
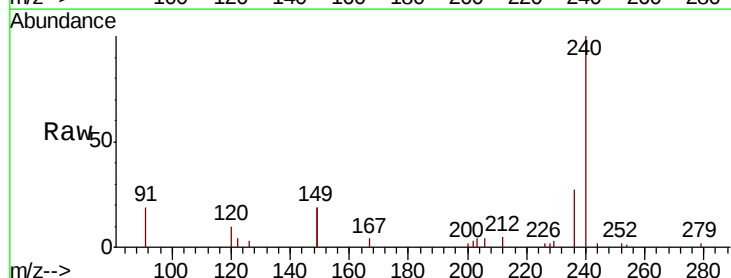
Manual Integrations
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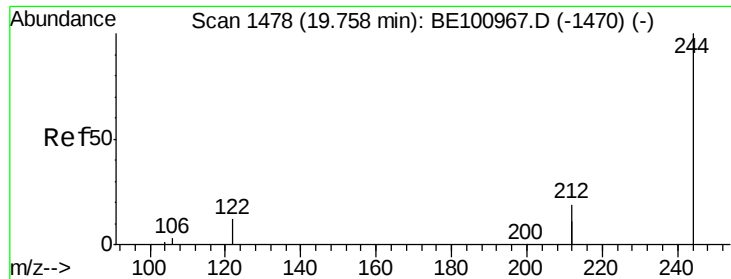
mohammad
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.2	15.4#
236	27.5	22.6	34.0





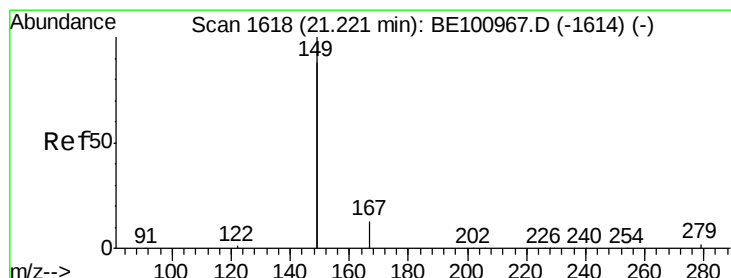
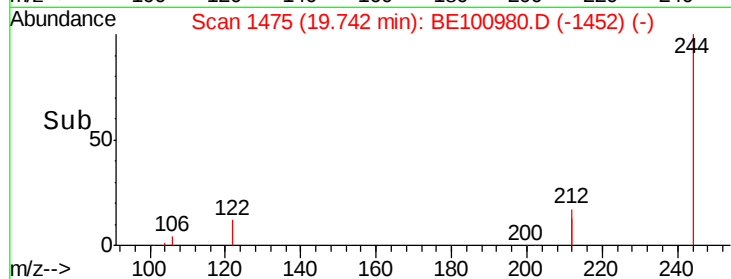
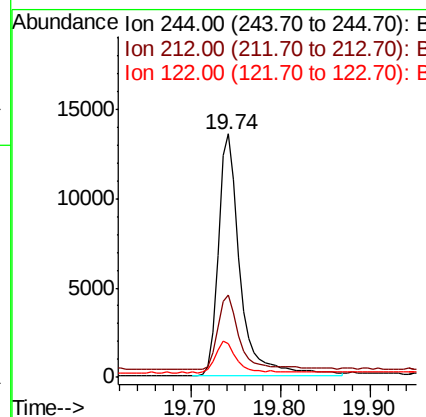
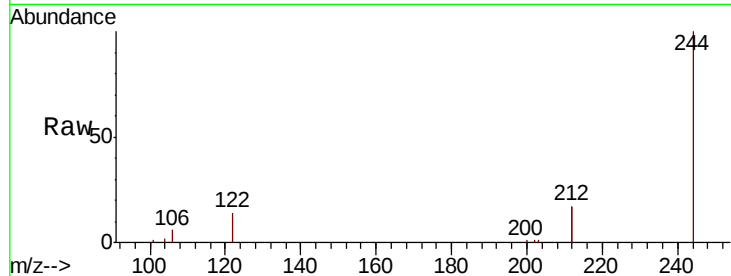
#29
 Terphenyl-d14
 Concen: 0.495 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.8	29.3	43.9
122	13.8	10.2	15.4

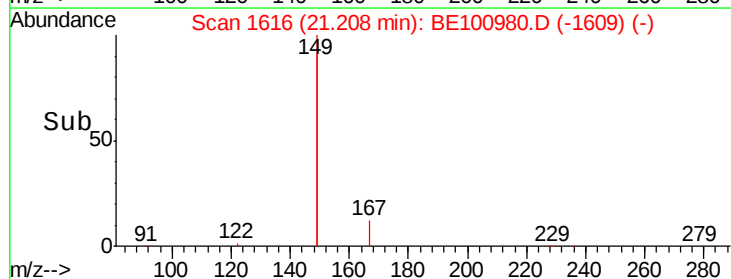
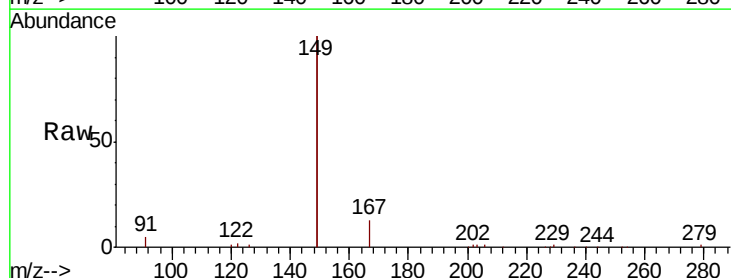
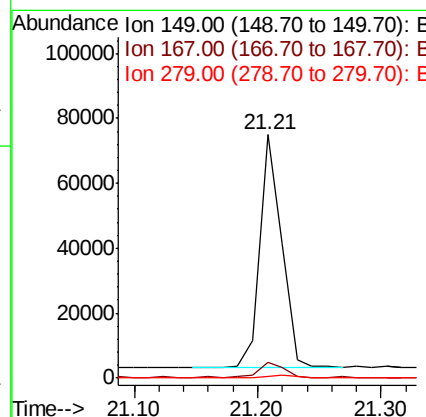
Manual Integrations
 APPROVED

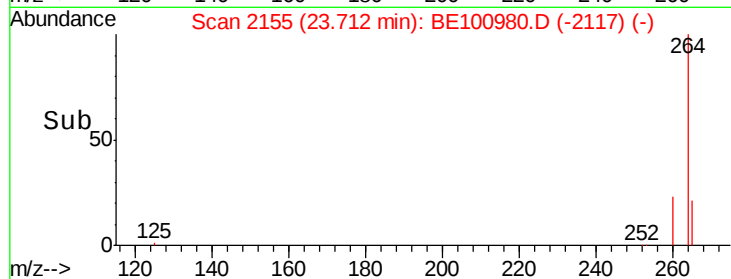
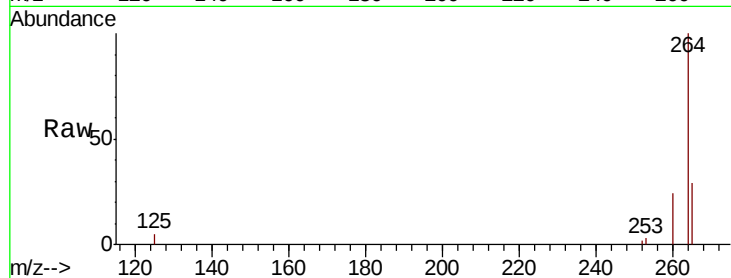
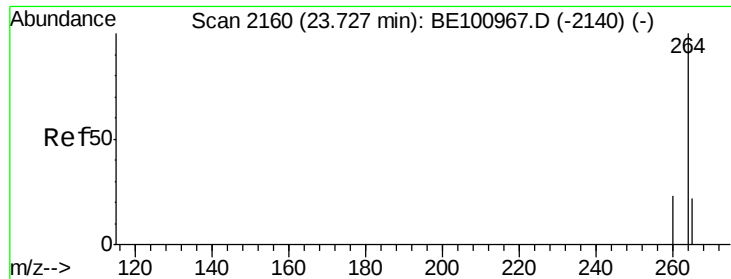
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.978 ng
 RT: 21.21 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.5	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: BE100980.D
 Acq: 26 Dec 2019 20:40

Tot Ion:	264	Resp:	23728
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	28.5	26.6	40.0

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

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