

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100983.D
 Acq On : 26 Dec 2019 22:31
 Operator : JU
 Sample : K6392-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Manual Integrations
 APPROVED

mohammad
 12/27/2019 4:21:27 PM

Quant Time: Dec 27 10:59:56 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	2628	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13738	0.40	ng	-0.01
13) Acenaphthene-d10	14.37	164	8443	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	20600	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	21721	0.40	ng	-0.01
34) Perylene-d12	23.72	264	24714	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1703	0.38	ng	0.00
5) Phenol-d6	6.93	99	1226m	0.33	ng	-0.06
8) Nitrobenzene-d5	8.89	82	3728	0.57	ng	-0.03
11) 2-Methylnaphthalene-d10	12.11	152	8290	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	1429	0.70	ng	-0.03
15) 2-Fluorobiphenyl	13.00	172	13590	0.45	ng	-0.01
25) Fluoranthene-d10	19.14	212	117744	0.47	ng	0.00
29) Terphenyl-d14	19.74	244	27699	0.55	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	3916746	789.945	ng	# 74
9) Naphthalene	10.56	128	4779	0.033	ng	# 90
12) 2-Methylnaphthalene	12.18	142	476	0.022	ng	# 73
17) Acenaphthene	14.43	154	811	0.035	ng	# 87
18) Fluorene	15.41	166	755	0.026	ng	# 86
23) Phenanthrene	17.15	178	4320	0.081	ng	# 96
26) Fluoranthene	19.17	202	3910	0.054	ng	# 96
28) Pyrene	19.53	202	3076	0.040	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.21	149	108905	1.096	ng	# 100

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

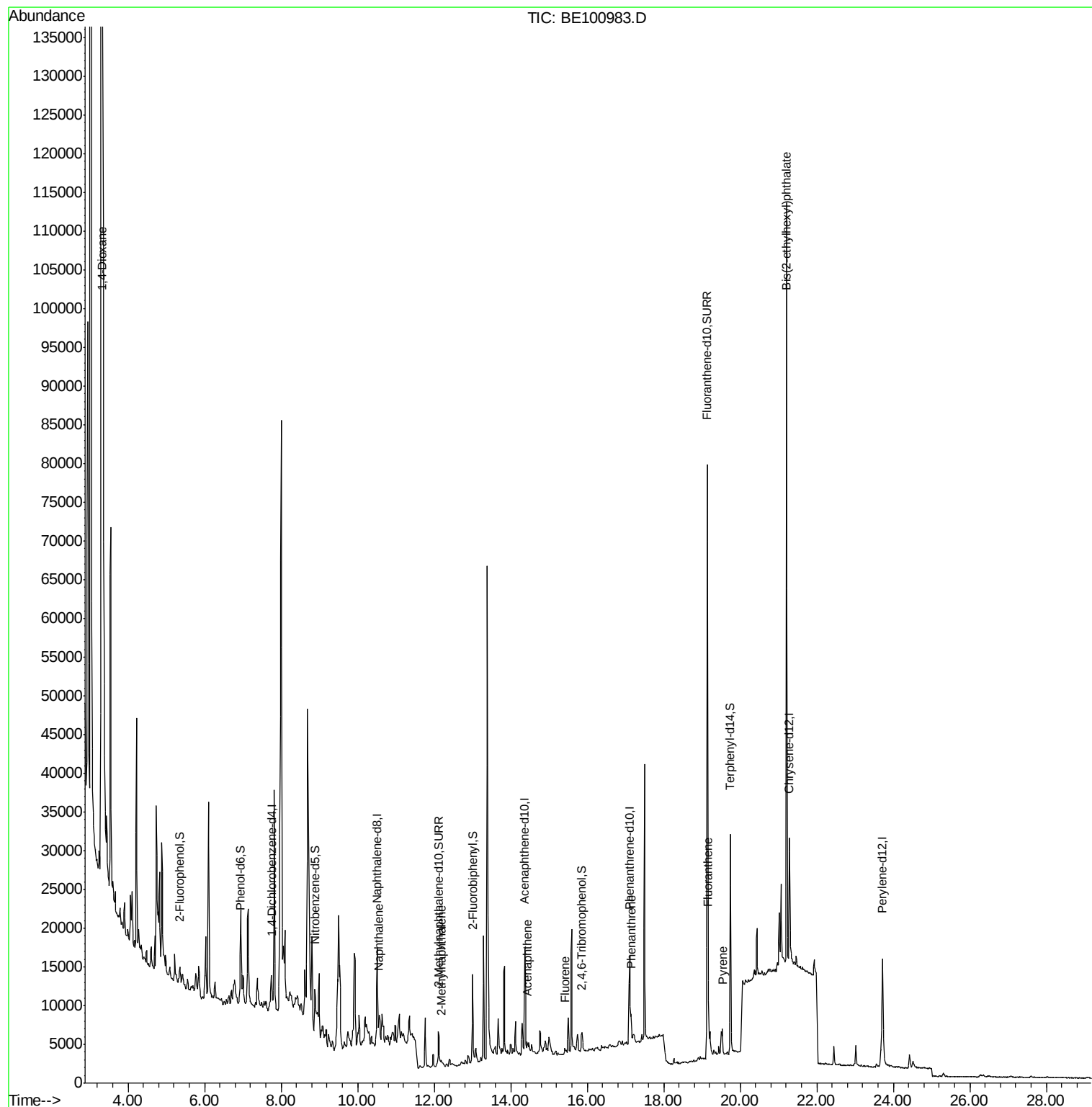
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100983.D
Acq On : 26 Dec 2019 22:31
Operator : JU
Sample : K6392-05
Misc :
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BNA_E
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DUP-1

Manual Integrations
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#1

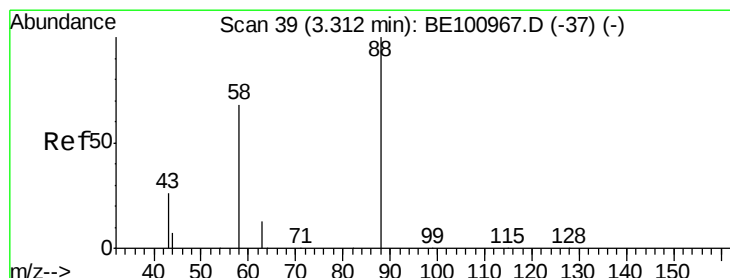
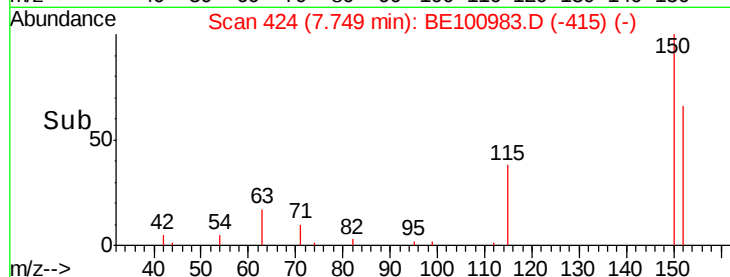
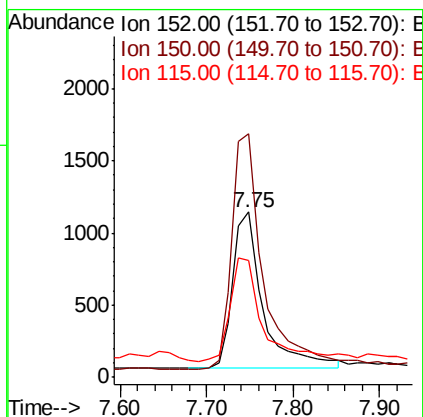
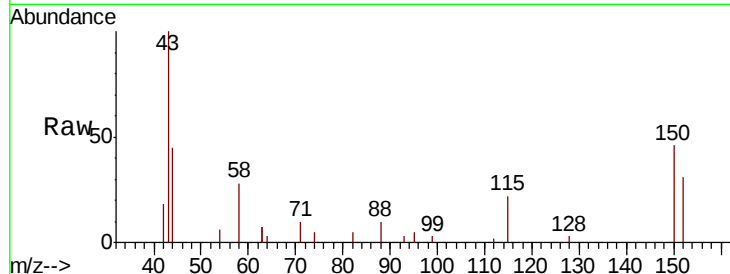
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Instrument :
BNA_E
ClientSampled :
DUP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	132.6	199.0
115	70.9	64.1	96.1

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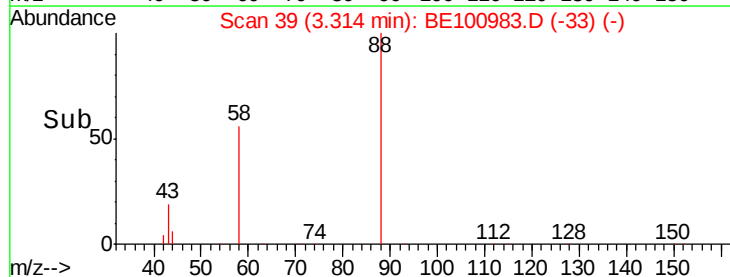
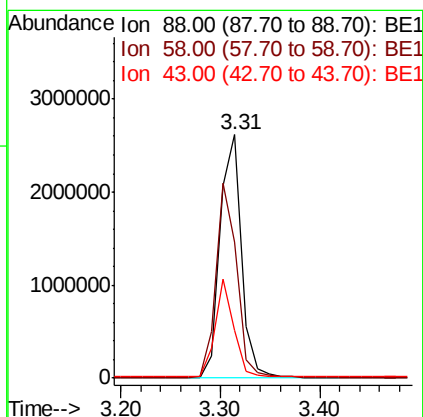
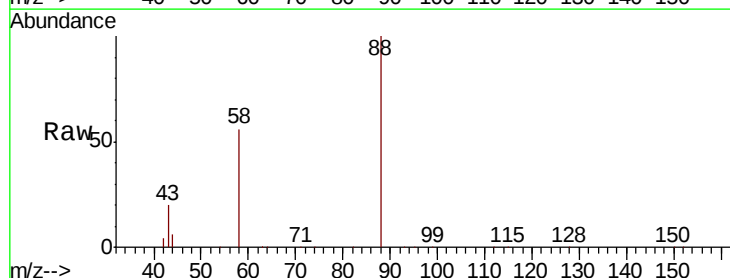
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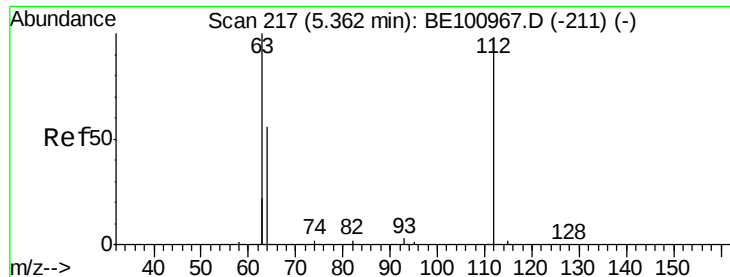


#2

1,4-Dioxane
Concen: 789.945 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	44.2	66.4#
43	34.6	21.0	31.6#





#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Instrument :

BNA_E

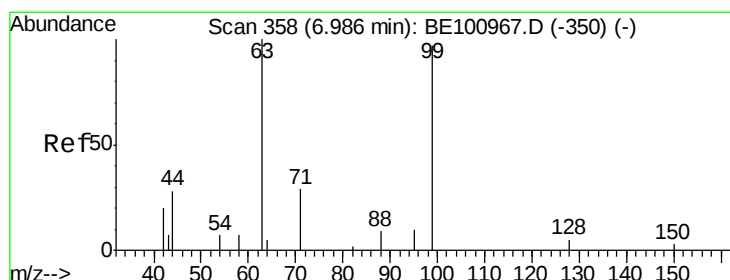
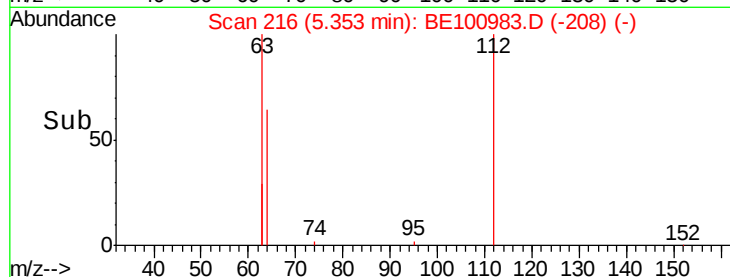
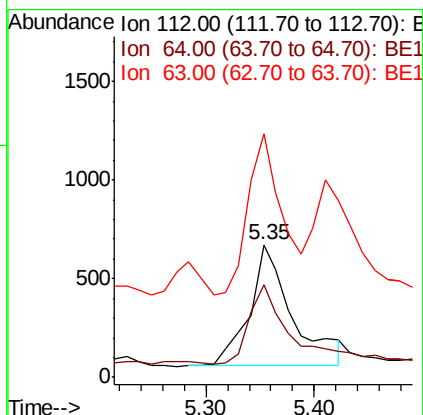
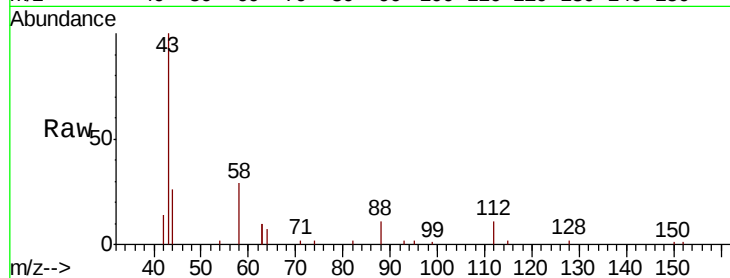
ClientSampleId :

DUP-1

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.7	59.0	88.6
63	105.4	121.4	182.0#

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#5

Phenol-d6

Concen: 0.331 ng m

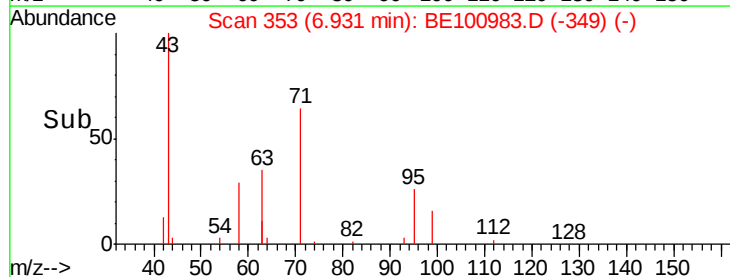
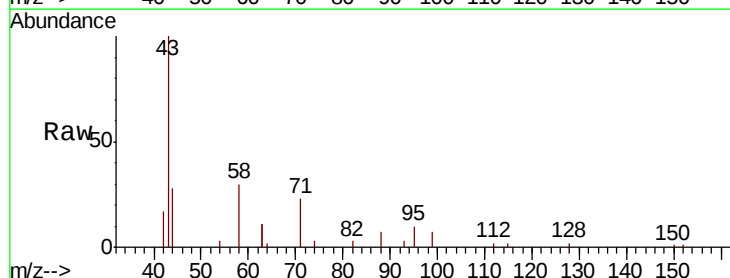
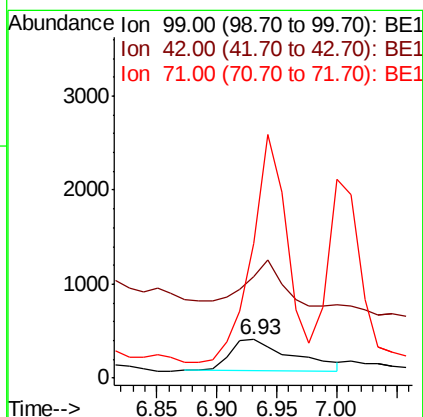
RT: 6.93 min Scan# 353

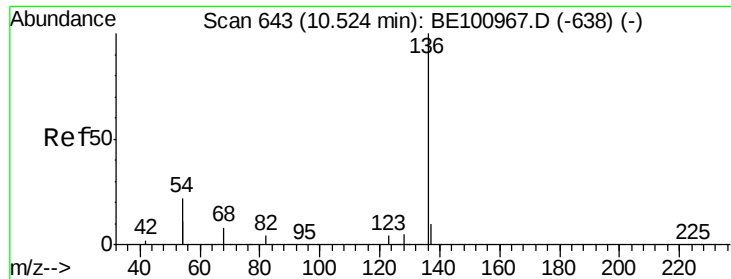
Delta R.T. -0.06 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
99	100		
42	141.5	0.0	0.0#
71	318.6	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Instrument :

BNA_E

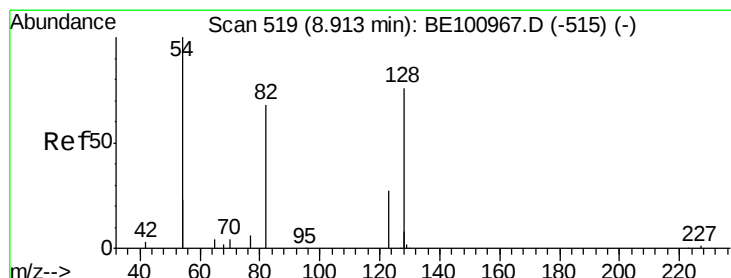
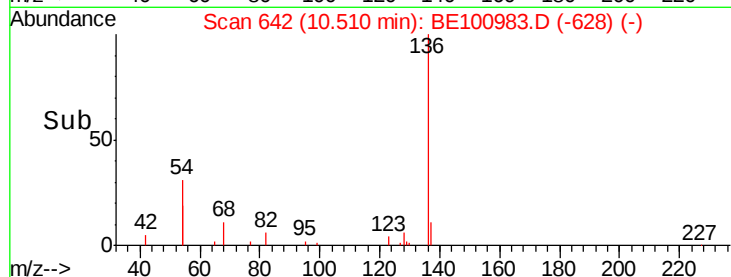
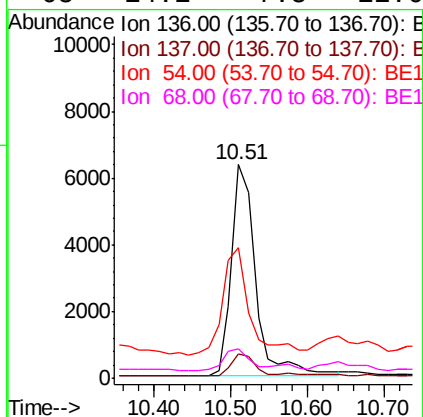
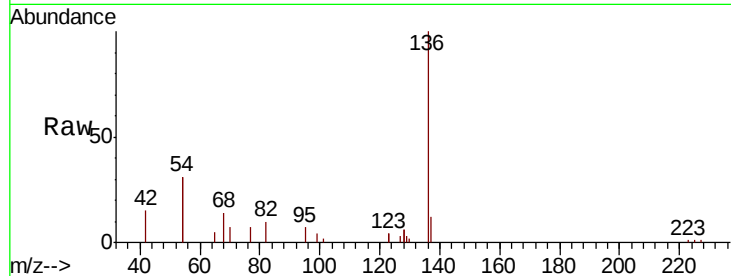
ClientSampleId :

DUP-1

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	61.1	34.4	51.6#
68	14.1	7.8	11.6#

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#8

Nitrobenzene-d5

Concen: 0.572 ng

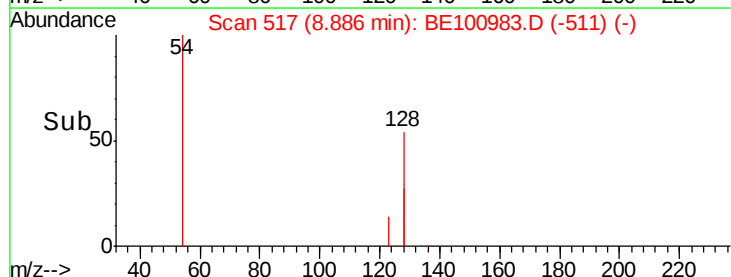
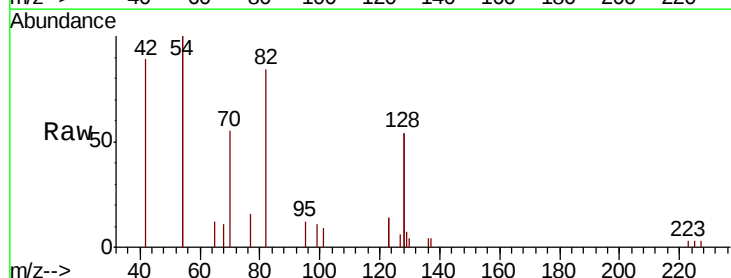
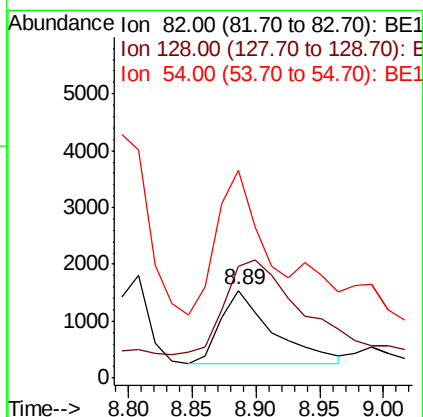
RT: 8.89 min Scan# 517

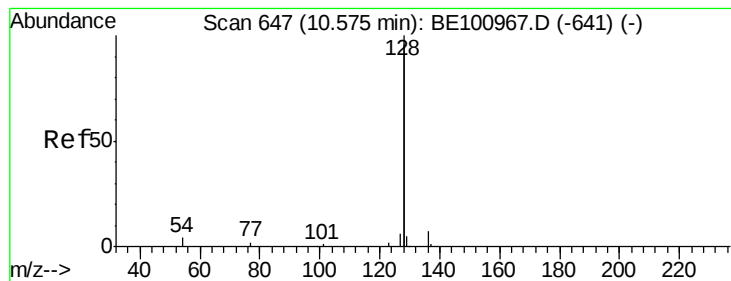
Delta R.T. -0.03 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	127.7	140.2	210.2#
54	237.3	183.8	275.6





#9

Naphthalene

Concen: 0.033 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Instrument :

BNA_E

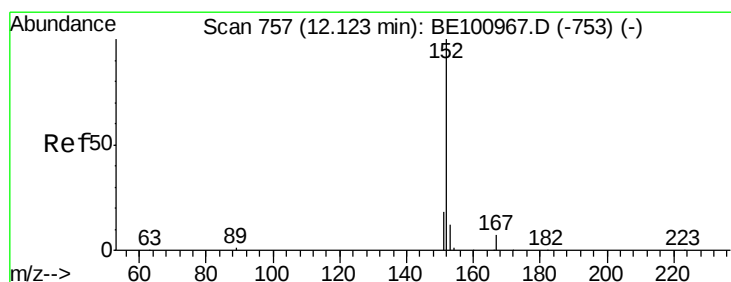
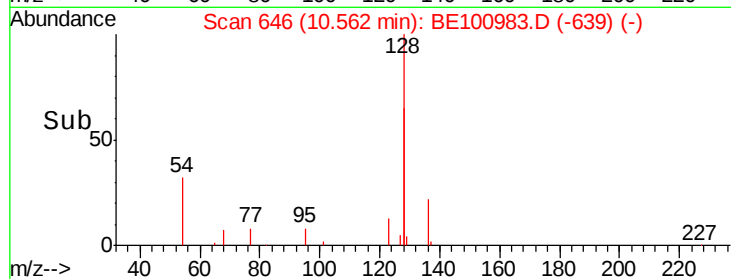
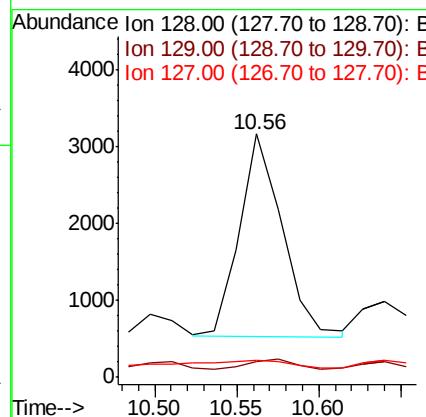
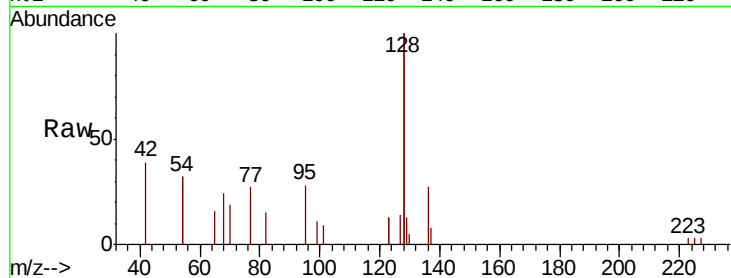
ClientSampleId :

DUP-1

Tot Ion:	128	Resp:	4779
Ion Ratio	Lower	Upper	
128	100		
129	6.3	2.6	3.8#
127	7.2	2.8	4.2#

Manual Integrations
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#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

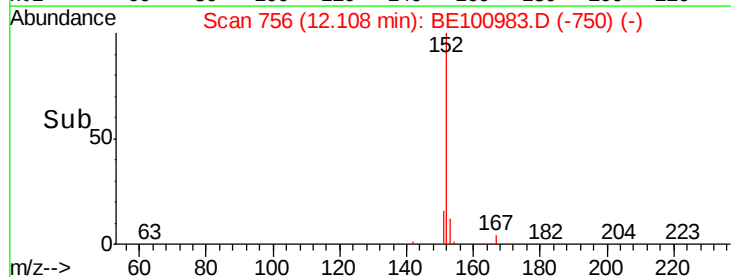
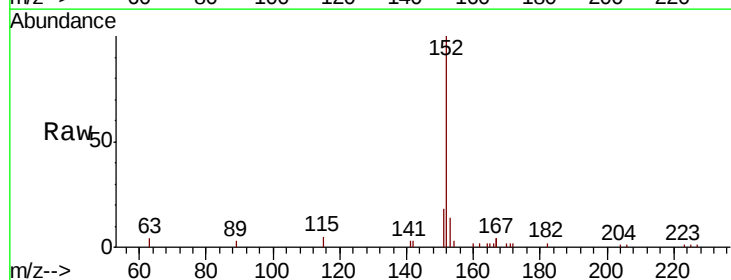
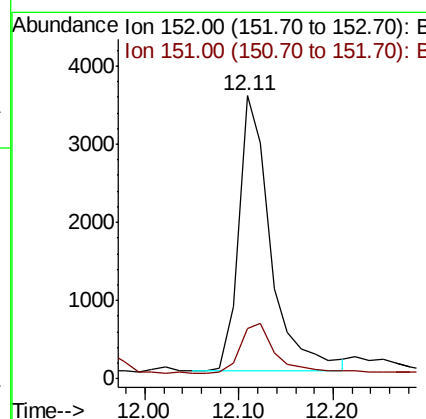
RT: 12.11 min Scan# 756

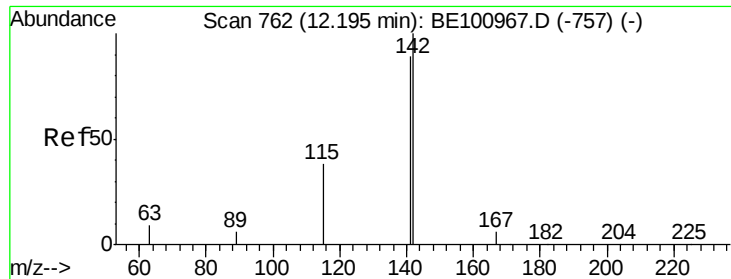
Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Tgt Ion:	152	Resp:	8290
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.1	22.7





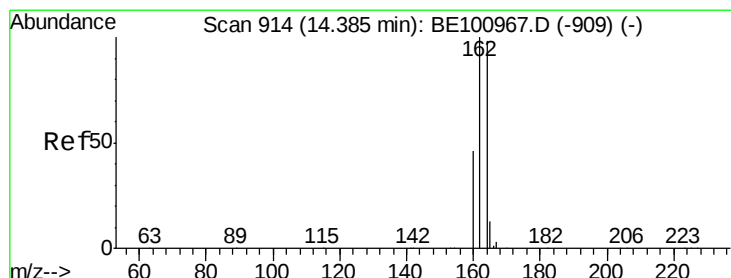
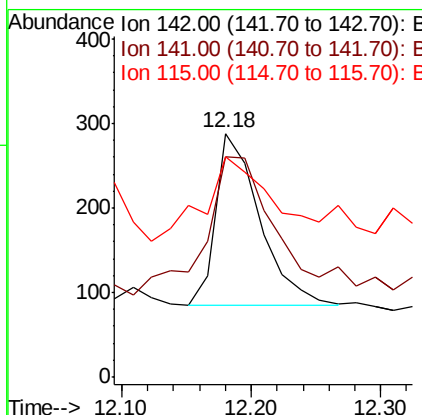
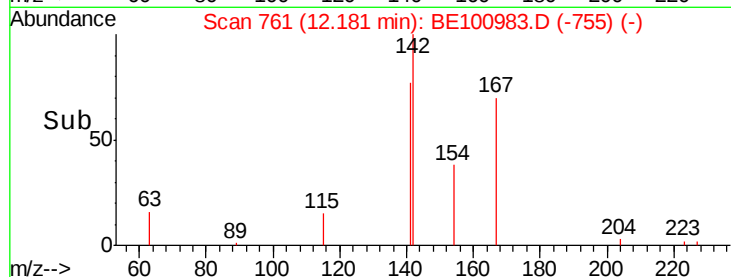
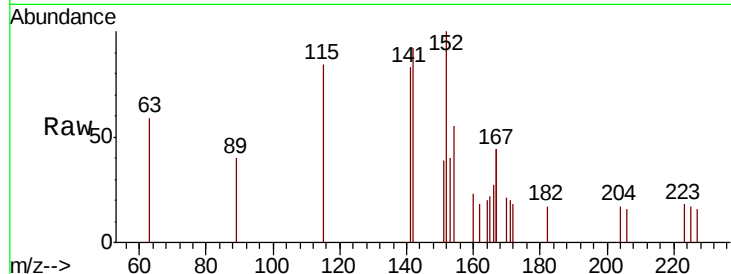
#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	90.6	32.0	48.0

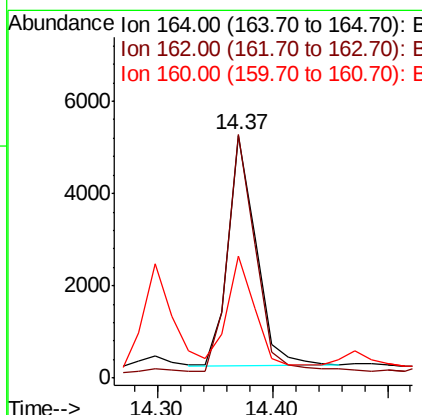
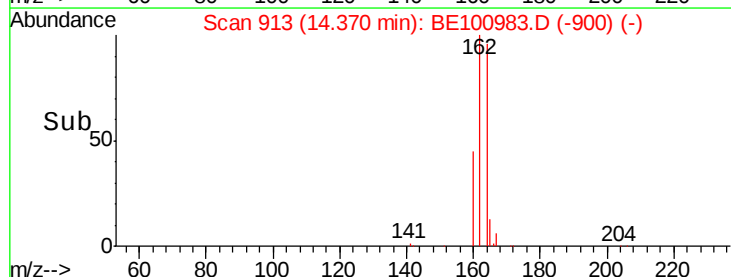
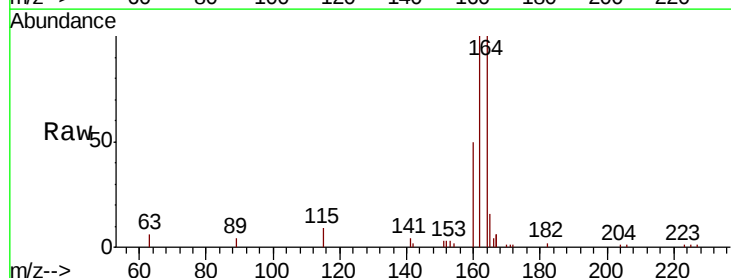
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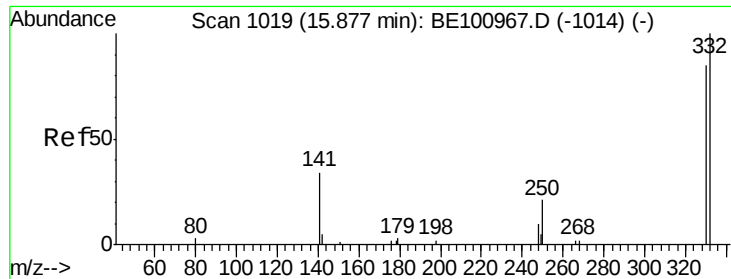
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.6	122.4
160	50.3	37.7	56.5





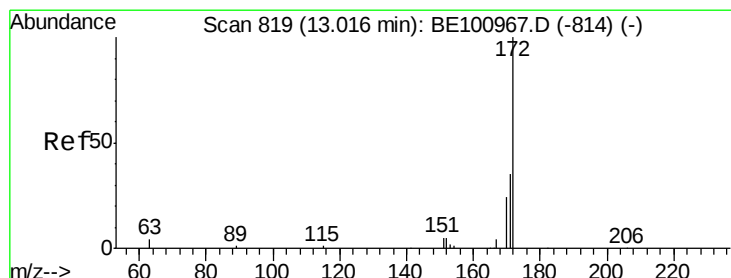
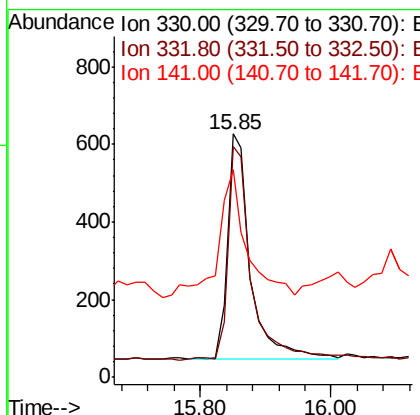
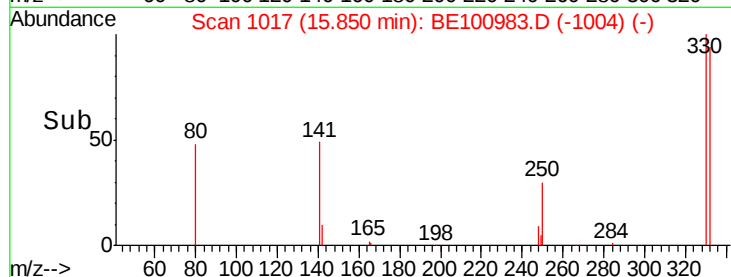
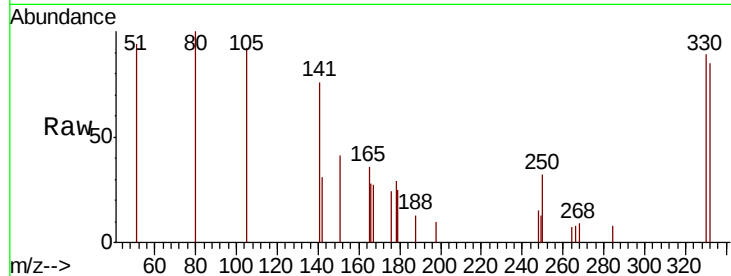
#14
 2,4,6-Tribromophenol
 Concen: 0.701 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.03 min
 Lab File: BE100983.D
 Acq: 26 Dec 2019 22:31

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	72.4	108.6
141	69.1	25.4	38.2

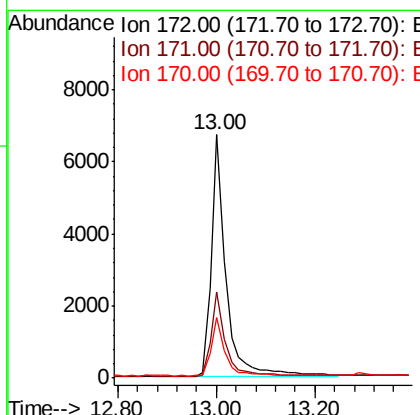
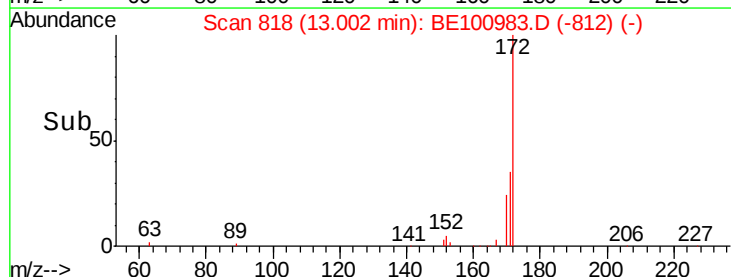
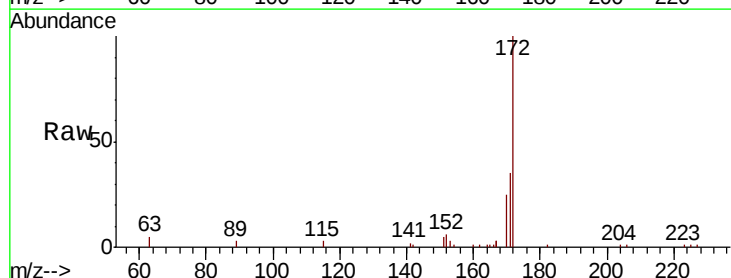
Manual Integrations
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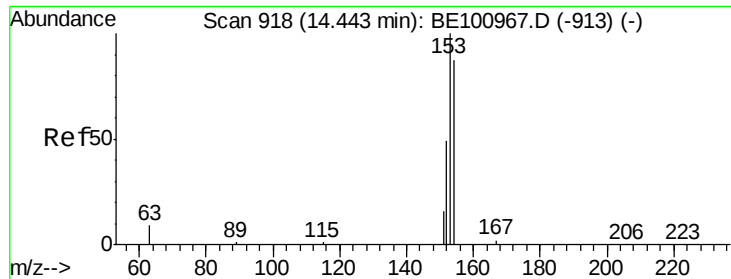
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#15
 2-Fluorobiphenyl
 Concen: 0.453 ng
 RT: 13.00 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BE100983.D
 Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.7	20.0	30.0





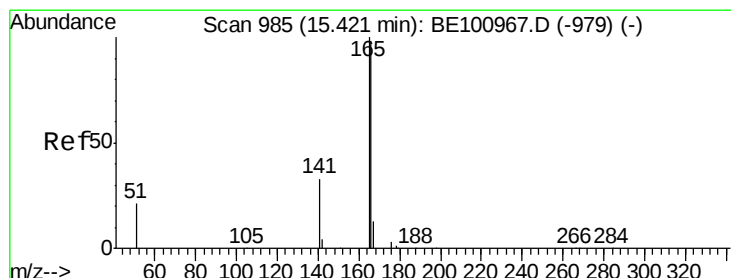
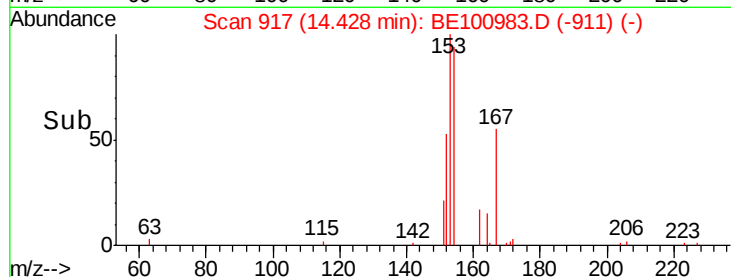
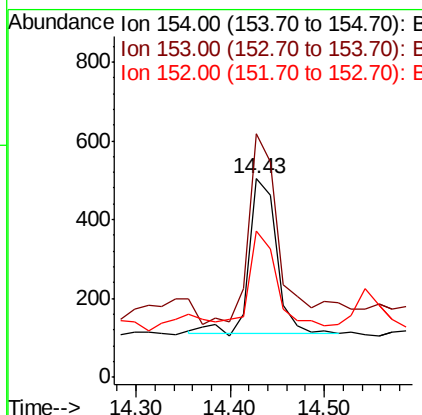
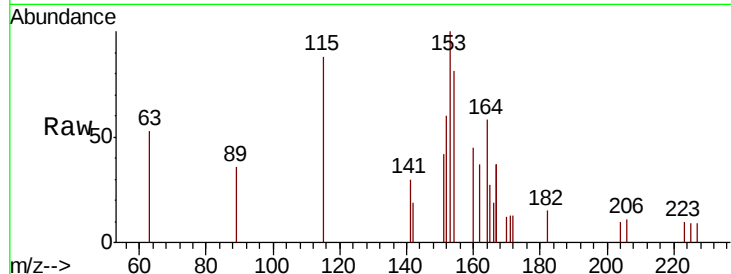
#17
Acenaphthene
Concen: 0.035 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	133.9	91.7	137.5
152	56.8	44.5	66.7

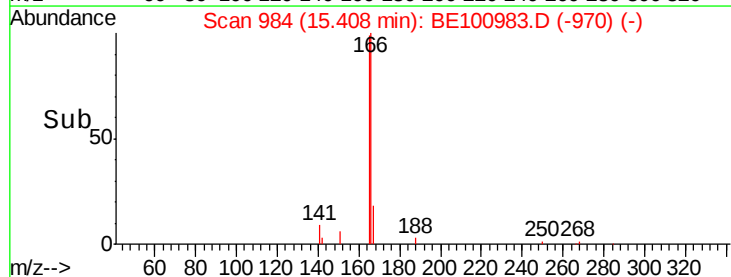
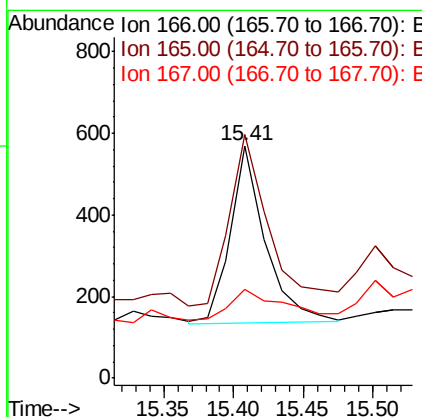
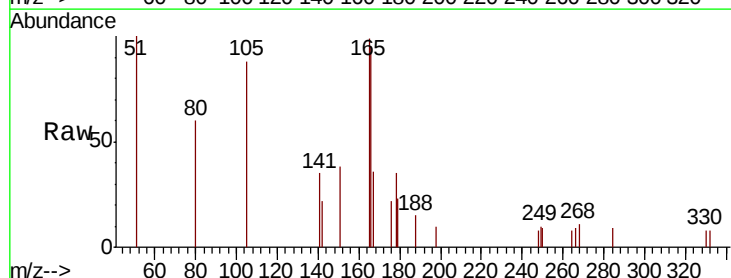
Manual Integrations
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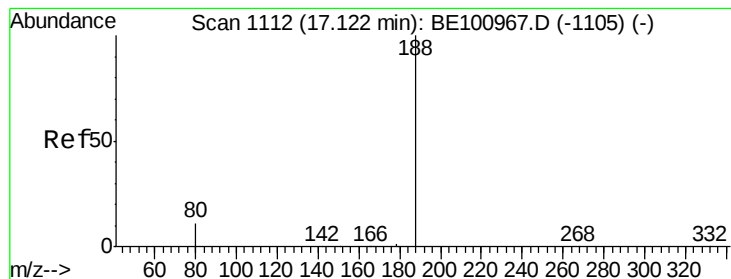
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#18
Fluorene
Concen: 0.026 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.0	79.4	119.0
167	0.0	10.6	15.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Instrument :

BNA_E

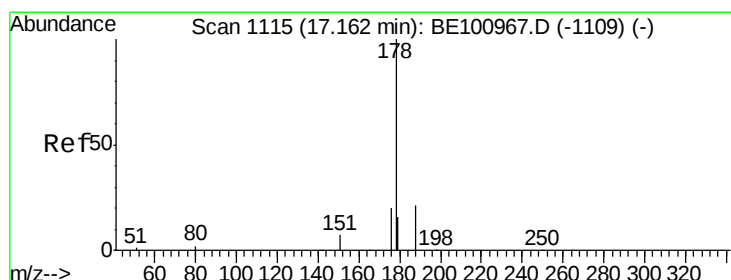
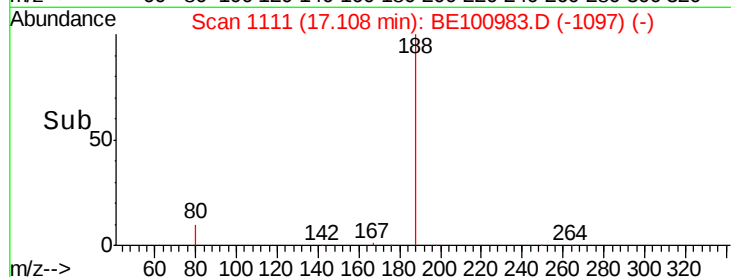
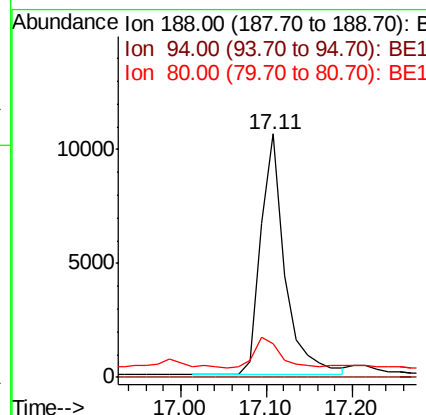
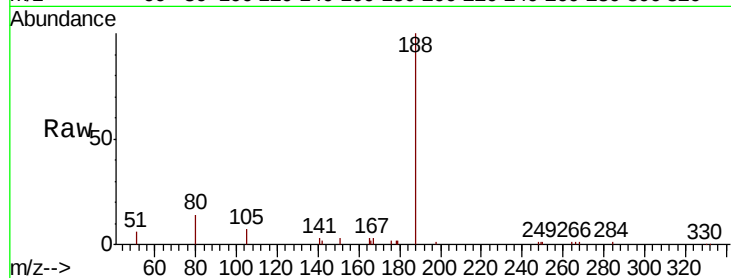
ClientSampleId :

DUP-1

Tot Ion:	188	Resp:	20600
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.0	9.7	14.5

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#23

Phenanthrene

Concen: 0.081 ng

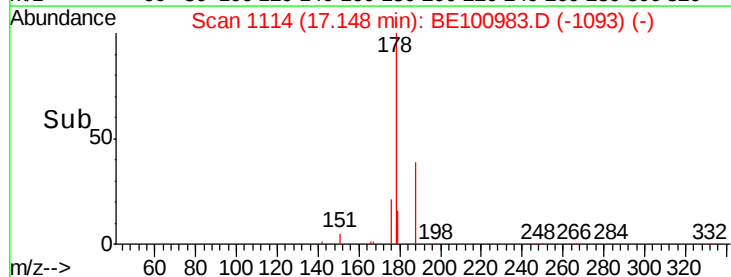
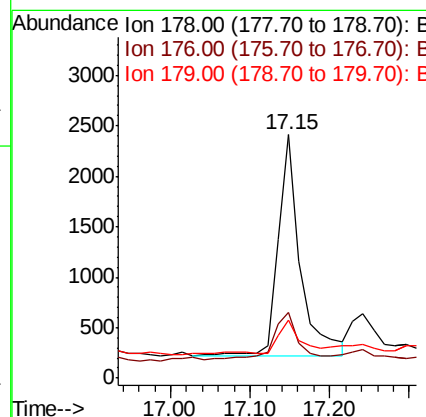
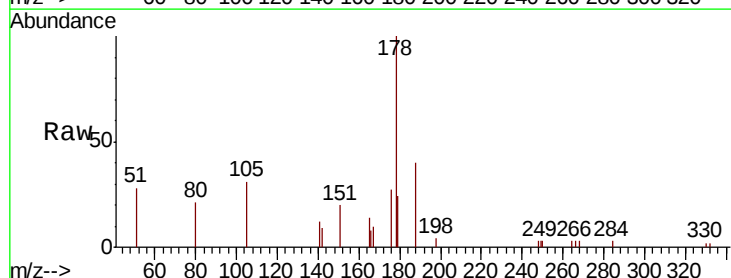
RT: 17.15 min Scan# 1114

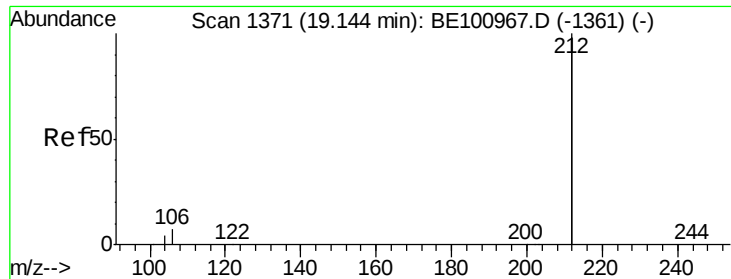
Delta R.T. -0.01 min

Lab File: BE100983.D

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Tgt Ion:	178	Resp:	4320
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.7	23.5
179	14.2	12.6	18.8





#25

Fluoranthene-d10

Concen: 0.471 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE100983.D

Acq: 26 Dec 2019 22:31

Instrument :

BNA_E

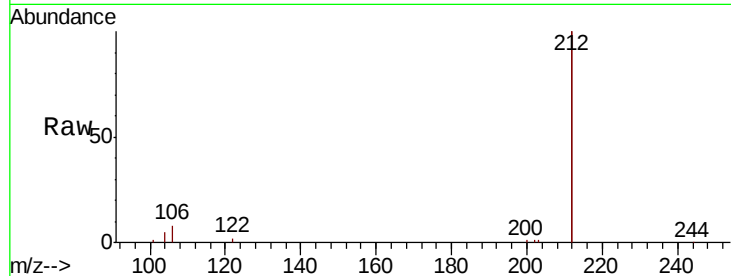
ClientSampleId :

DUP-1

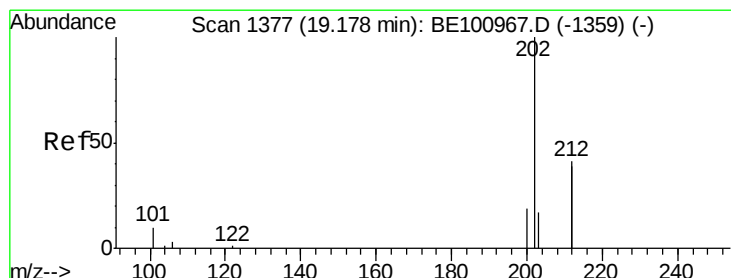
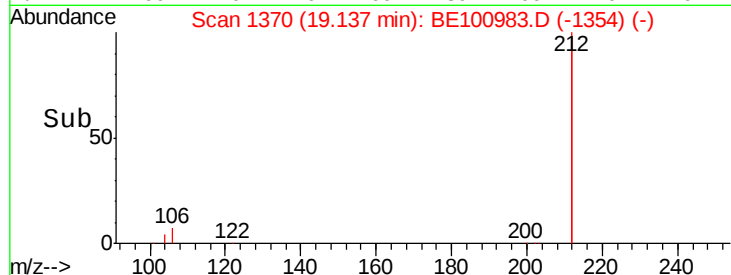
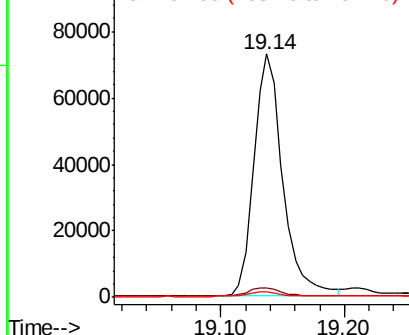
Tot Ion:	212	Resp:	117744
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.4	3.6#
104	2.2	1.4	2.0#

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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: 0.054 ng

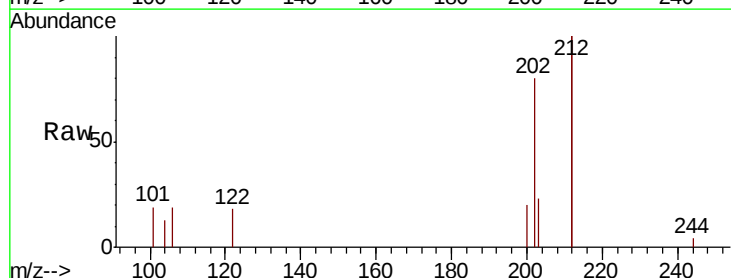
RT: 19.17 min Scan# 1375

Delta R.T. -0.01 min

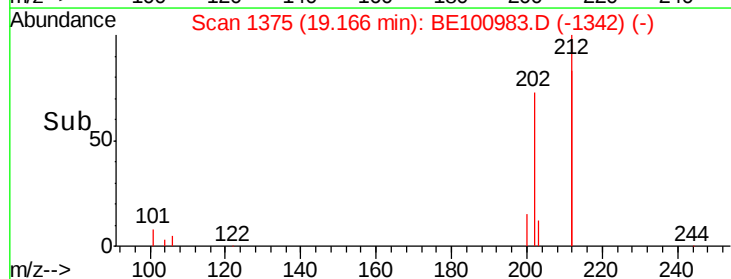
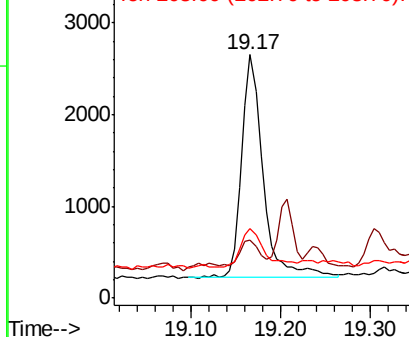
Lab File: BE100983.D

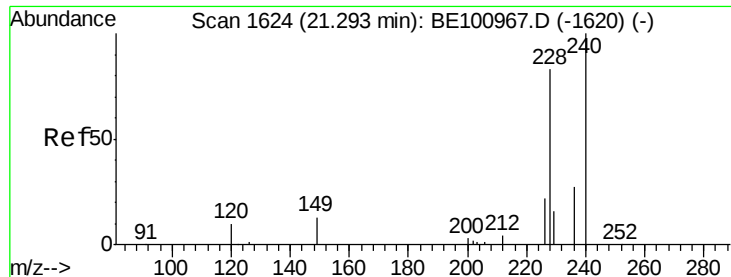
Acq: 26 Dec 2019 22:31

Tgt Ion:	202	Resp:	3910
Ion Ratio	Lower	Upper	
202	100		
101	10.2	9.0	13.4
203	18.3	13.2	19.8



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





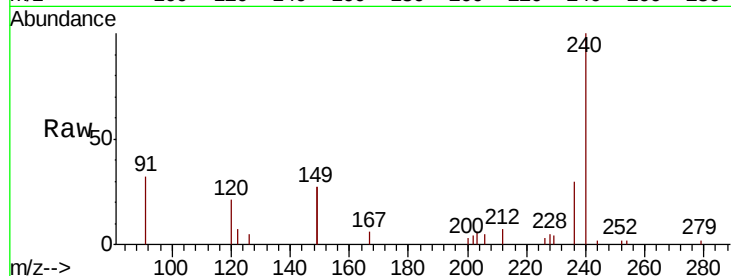
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Instrument :
BNA_E
ClientSampleId :
DUP-1

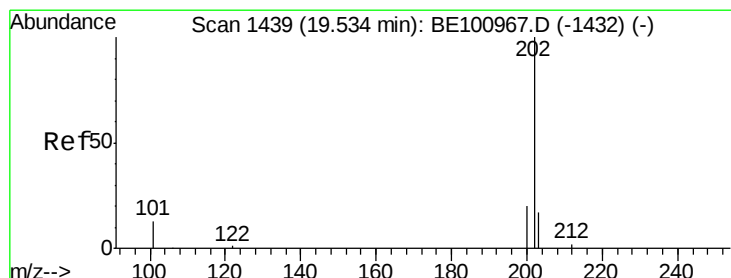
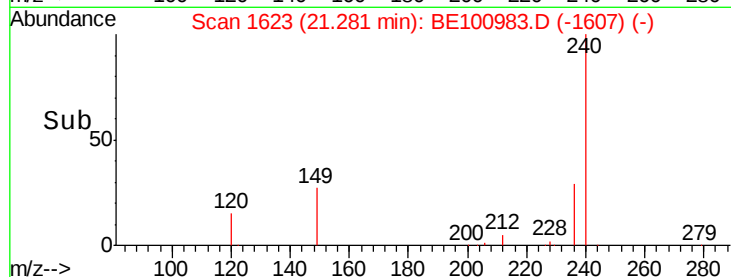
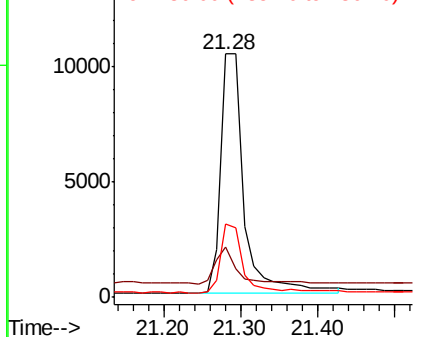
Tot Ion	Ratio	Lower	Upper
240	100		
120	20.7	10.2	15.4#
236	30.3	22.6	34.0

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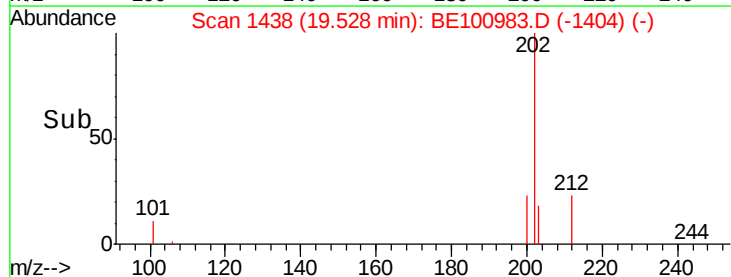
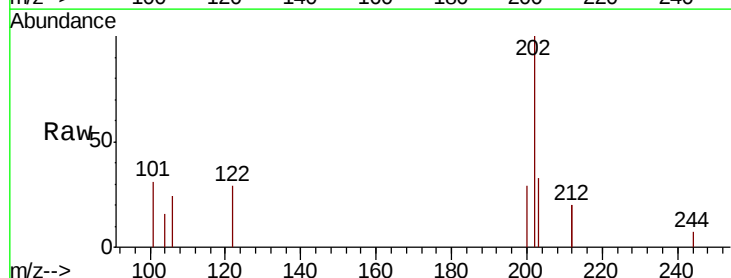
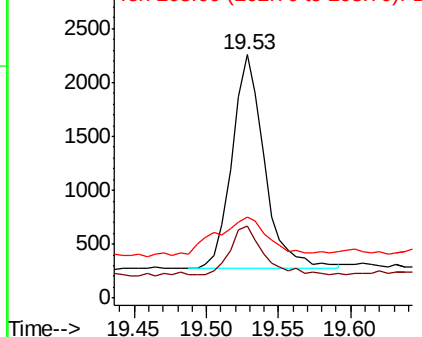
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

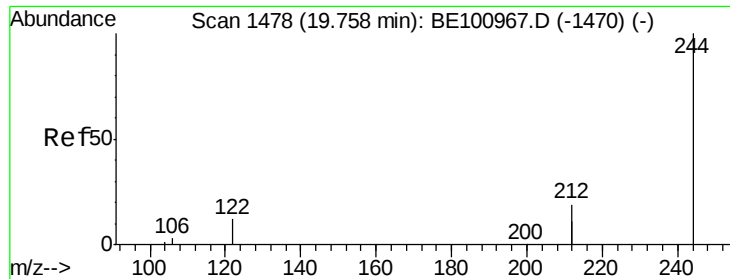


#28
Pyrene
Concen: 0.040 ng
RT: 19.53 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE100983.D
Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.6	25.0
203	27.5	13.8	20.6#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





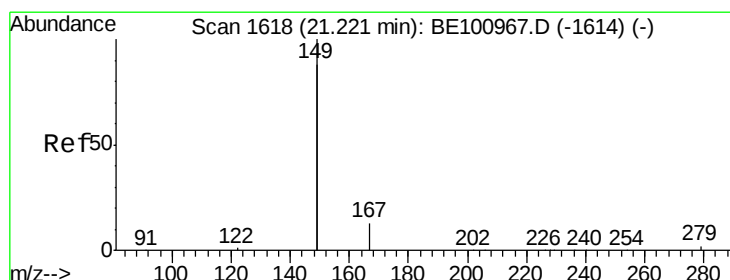
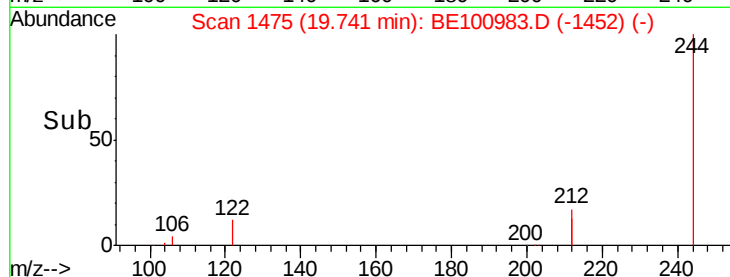
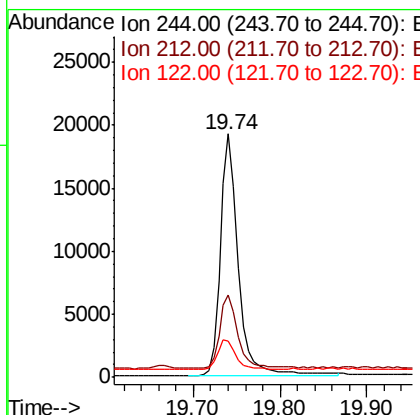
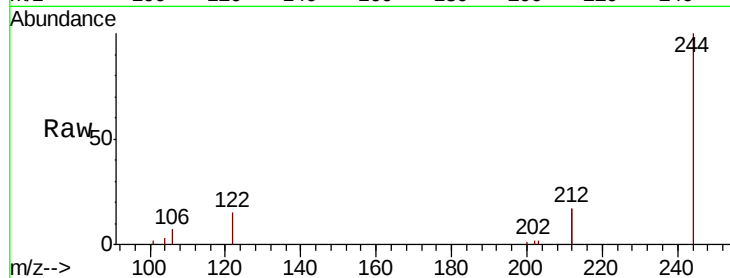
#29
 Terphenyl-d14
 Concen: 0.555 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BE100983.D
 Acq: 26 Dec 2019 22:31

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.8	29.3	43.9
122	14.9	10.2	15.4

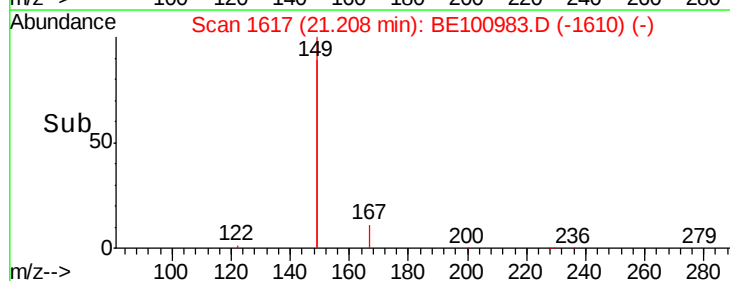
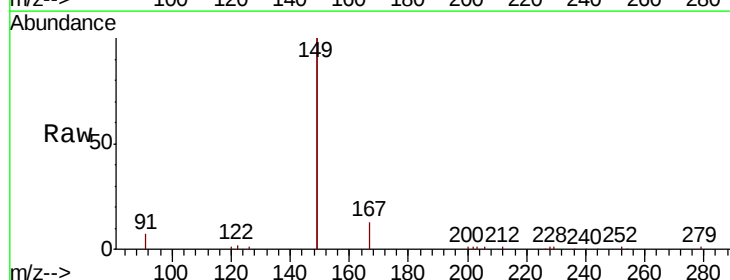
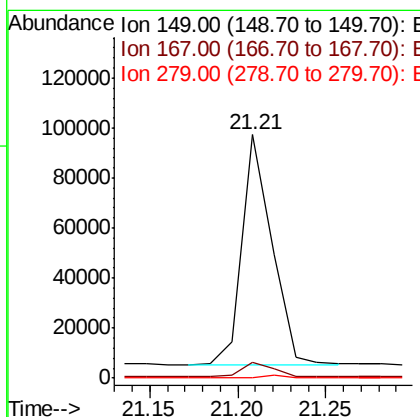
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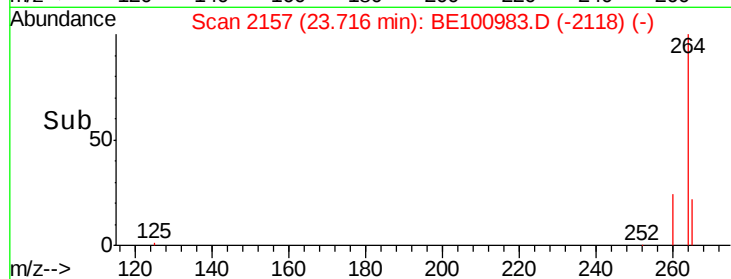
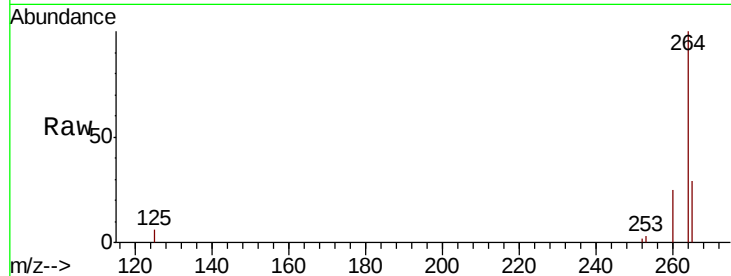
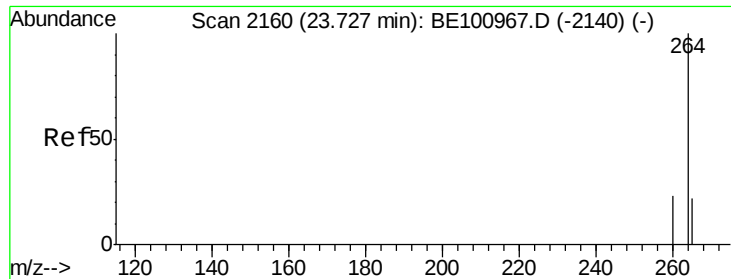
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.096 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100983.D
 Acq: 26 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	0.8	0.6	1.0





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BE100983.D
 Acq: 26 Dec 2019 22:31

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	29.5	26.6	40.0

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