

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100791.D
 Acq On : 5 Dec 2019 16:24
 Operator : JU
 Sample : K6053-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1MS

Manual Integrations
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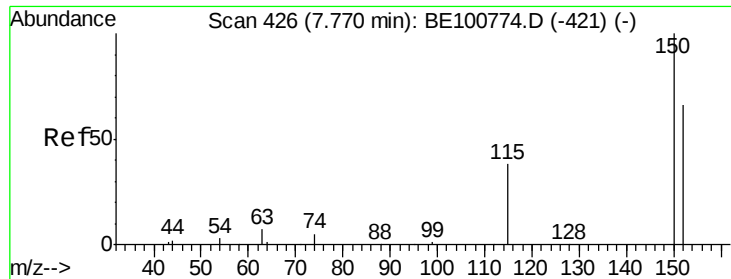
Quant Time: Dec 05 18:10:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5460	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24092	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13211	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27183	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	33275	0.40	ng	0.00
34) Perylene-d12	23.76	264	42454	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6784	0.52	ng	0.00
5) Phenol-d6	6.93	99	11039	0.56	ng	0.00
8) Nitrobenzene-d5	8.90	82	7138	0.62	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10336m	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1542	1.05	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	17368	0.33	ng	0.00
25) Fluoranthene-d10	19.16	212	118152	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	24174	0.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3072	0.309	ng	# 51
3) n-Nitrosodimethylamine	3.64	42	4161	0.514	ng	# 85
6) bis(2-Chloroethyl)ether	7.18	93	8559	0.453	ng	98
9) Naphthalene	10.59	128	199483	0.779	ng	100
10) Hexachlorobutadiene	10.89	225	3811	0.382	ng	99
12) 2-Methylnaphthalene	12.21	142	27826	0.696	ng	99
16) Acenaphthylene	14.11	152	114576	2.097	ng	100
17) Acenaphthene	14.46	154	21058	0.559	ng	98
18) Fluorene	15.43	166	41457m	0.853	ng	
20) 4-Bromophenyl-phenylether	16.33	248	5669	0.425	ng	95
21) Hexachlorobenzene	16.44	284	5212	0.360	ng	97
22) Pentachlorophenol	16.79	266	3757	3.749	ng	# 82
23) Phenanthrene	17.16	178	532054	6.462	ng	100
24) Anthracene	17.26	178	133846	1.944	ng	97
26) Fluoranthene	19.19	202	1191261	12.123	ng	98
28) Pyrene	19.55	202	1319940	12.208	ng	96
30) Benzo(a)anthracene	21.29	228	919094m	9.371	ng	
31) Chrysene	21.34	228	797938	6.924	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	167102	1.821	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	503514	5.015	ng	97
35) Benzo(b)fluoranthene	23.01	252	958682	8.248	ng	99
36) Benzo(k)fluoranthene	23.05	252	417923m	3.206	ng	
37) Benzo(a)pyrene	23.65	252	790453	7.855	ng	98
38) Dibenzo(a,h)anthracene	26.36	278	166584	1.664	ng	95
39) Benzo(g,h,i)perylene	27.12	276	497539	4.648	ng	99

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



#1

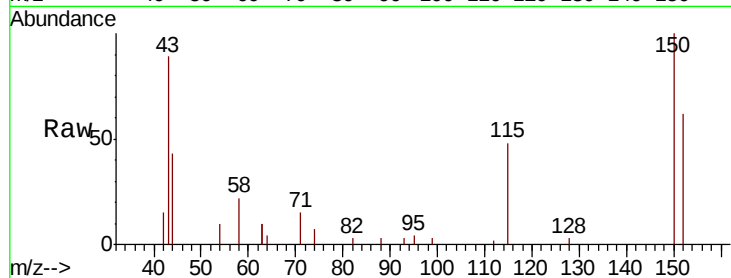
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

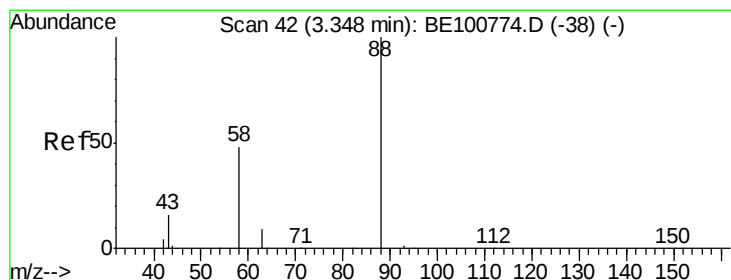
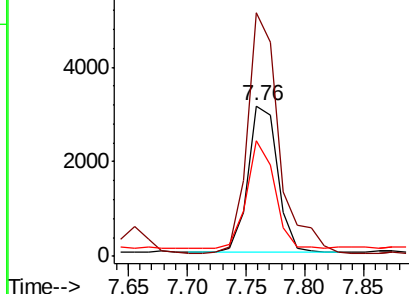
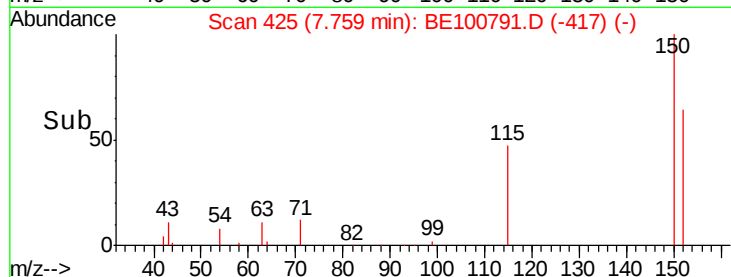
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	120.6	181.0
115	77.1	47.4	71.2

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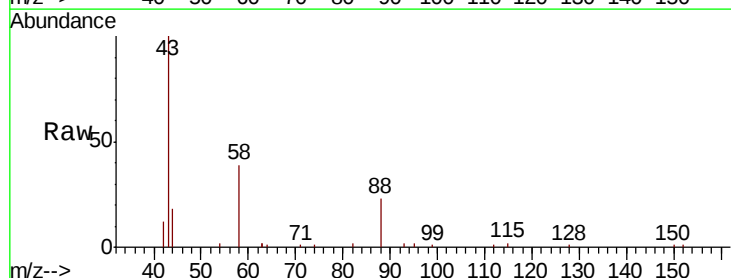
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



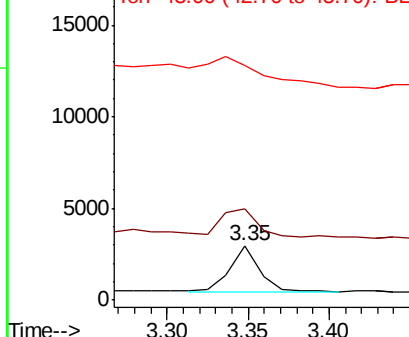
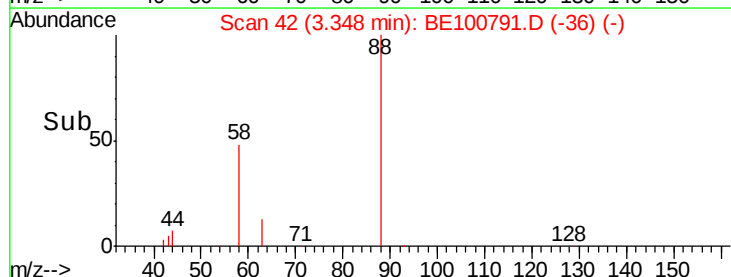
#2

1,4-Dioxane
Concen: 0.309 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	52.5	78.7
43	0.0	23.0	34.6



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





#3

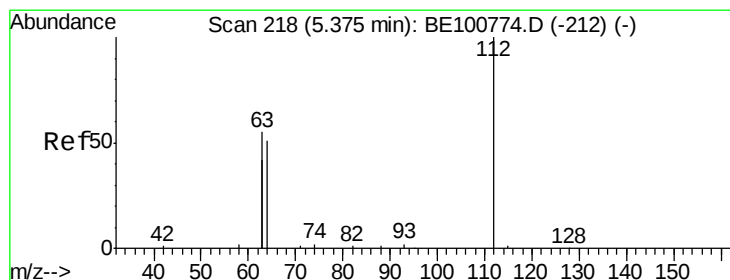
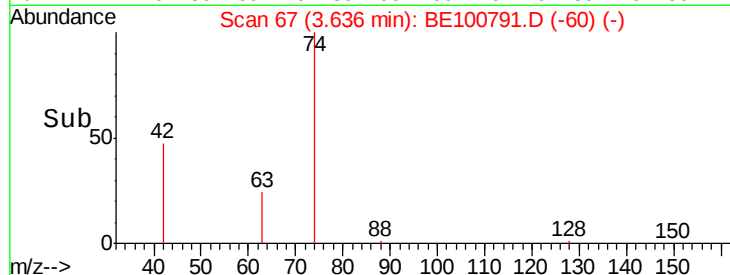
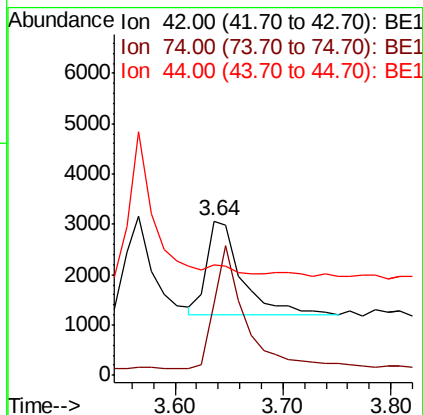
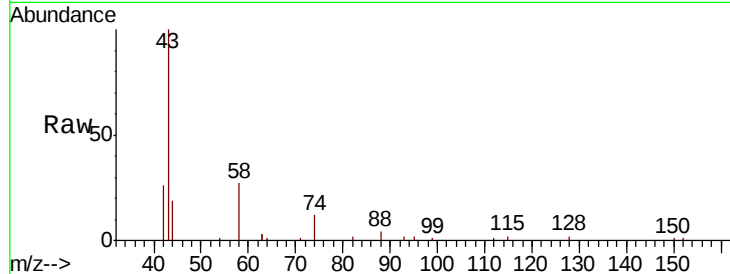
n-Nitrosodimethylamine
 Concen: 0.514 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.02 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	120.7	86.3	129.5
44	0.0	11.6	17.4#

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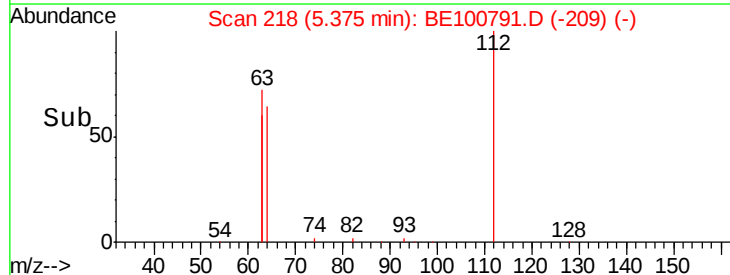
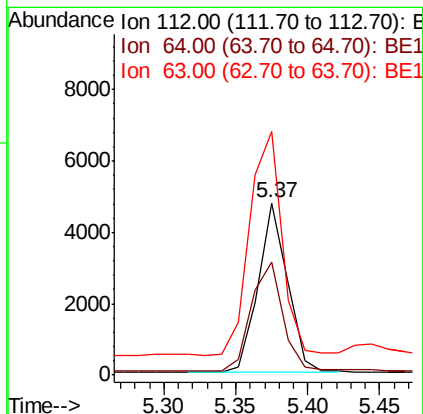
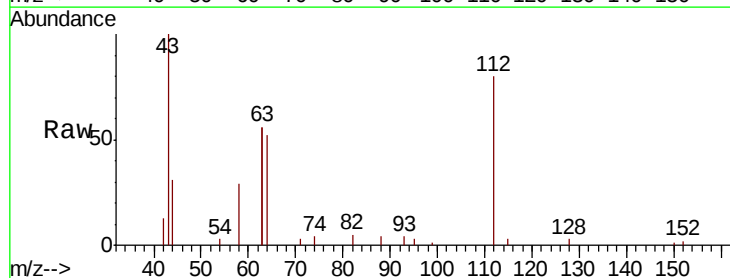
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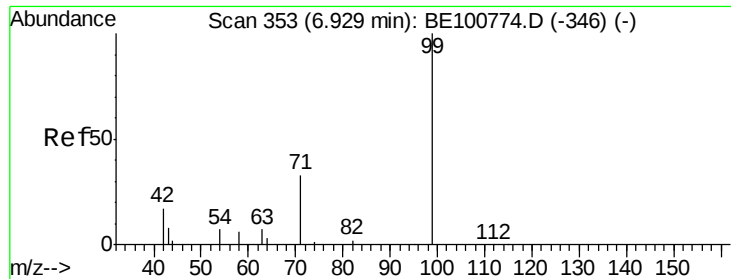


#4

2-Fluorophenol
 Concen: 0.524 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	54.1	81.1
63	143.8	113.2	169.8





#5

Phenol-d6

Concen: 0.564 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

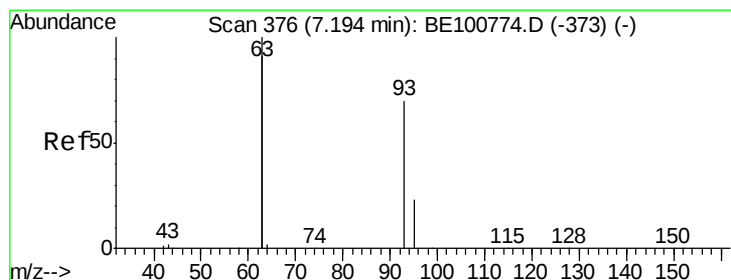
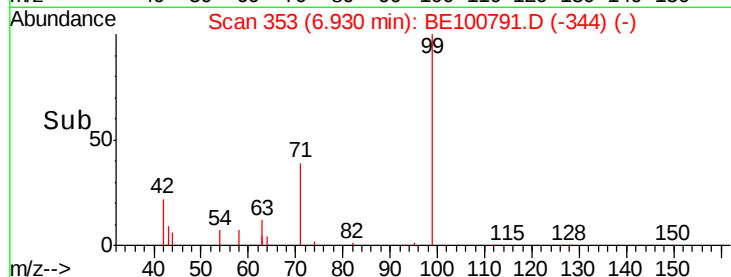
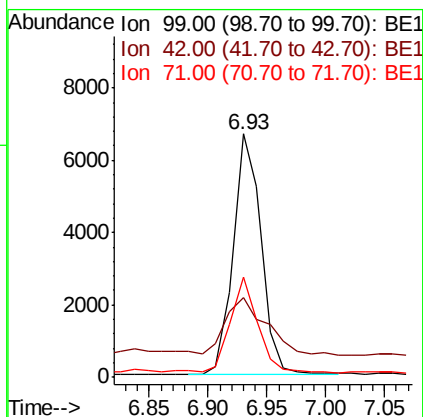
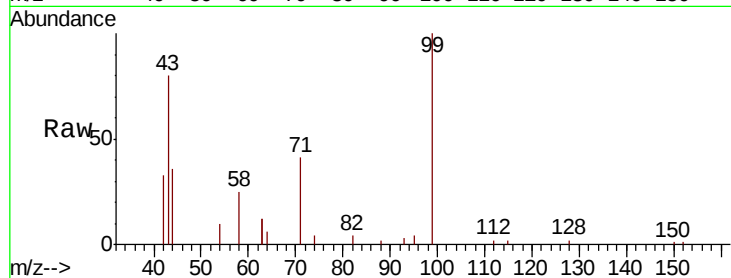
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	99	Resp:	11039
Ion	Ratio	Lower	Upper
99	100		
42	36.1	19.1	28.7#
71	38.5	27.7	41.5

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.453 ng

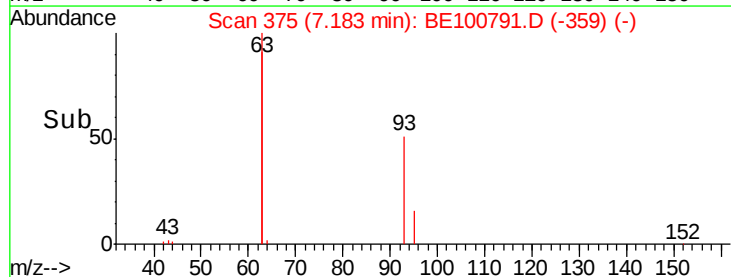
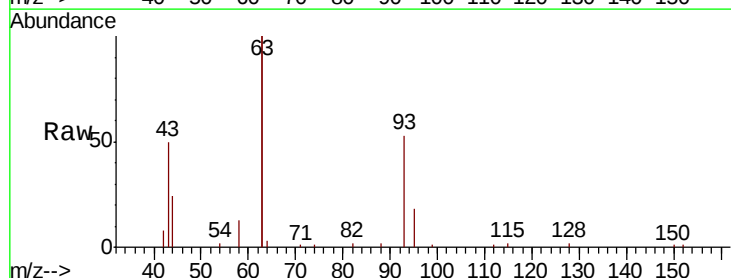
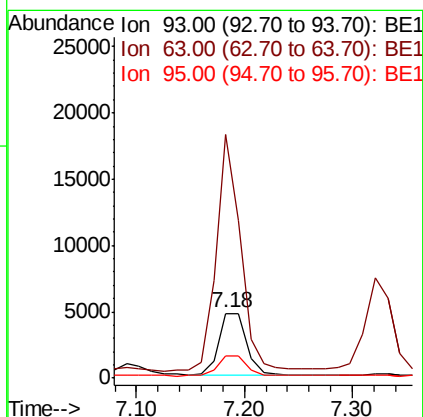
RT: 7.18 min Scan# 375

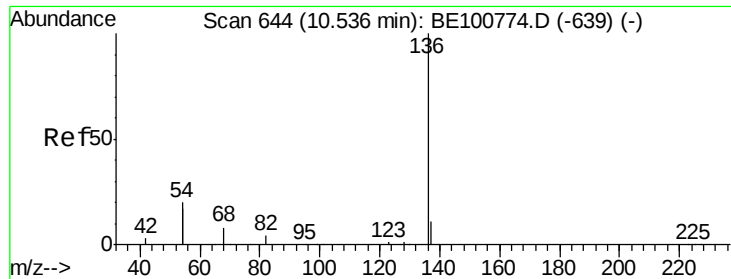
Delta R.T. -0.01 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion:	93	Resp:	8559
Ion	Ratio	Lower	Upper
93	100		
63	328.4	259.4	389.0
95	32.5	26.2	39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

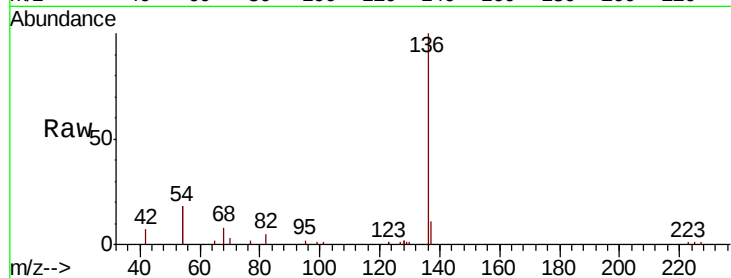
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	37.0	31.1	46.7
68	8.1	6.6	10.0

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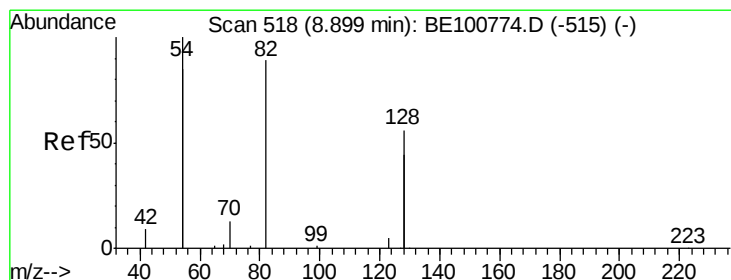
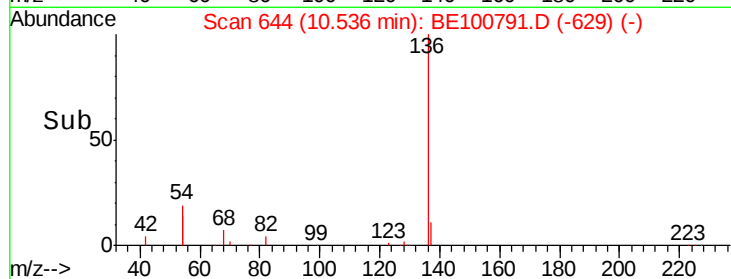
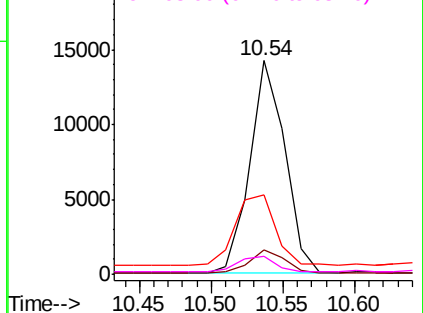
Abundance

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: 0.622 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

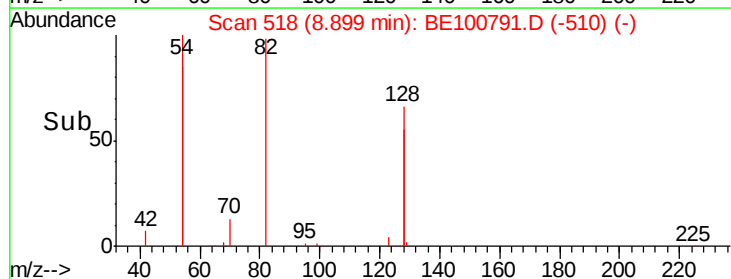
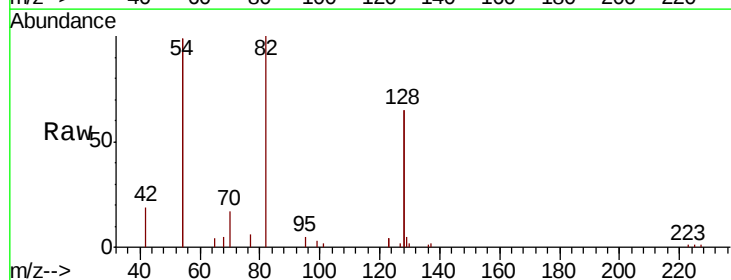
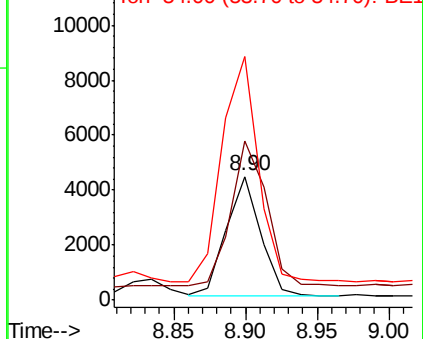
Tgt Ion	Ratio	Lower	Upper
82	100		
128	129.4	97.0	145.4
54	197.2	171.8	257.6

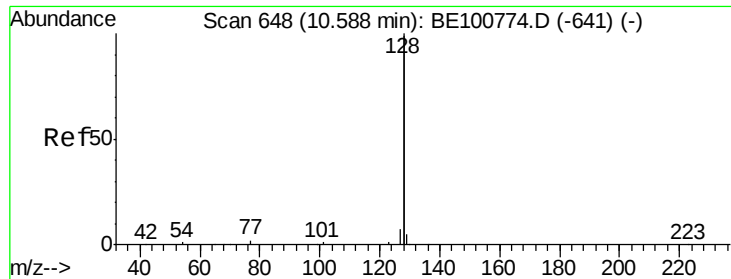
Abundance

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: 0.779 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

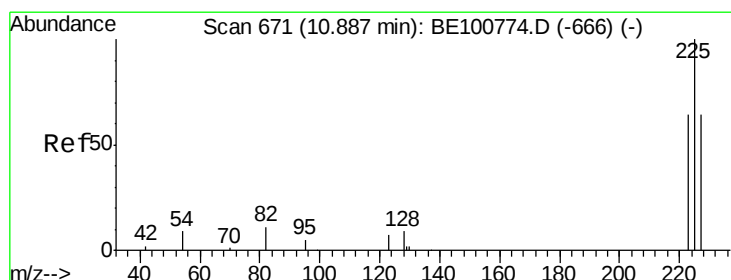
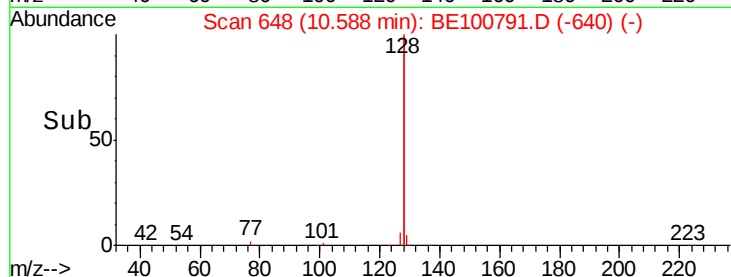
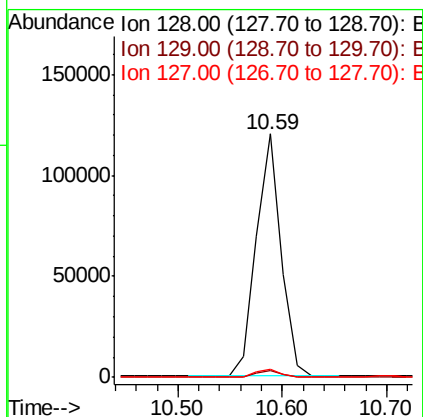
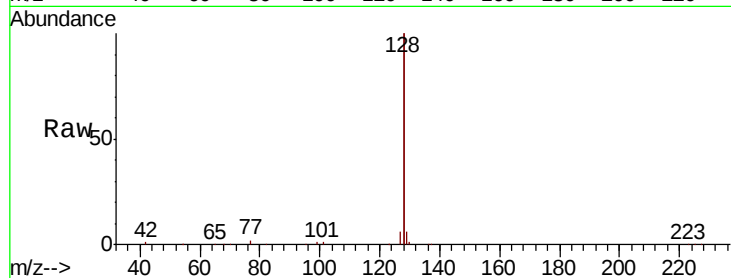
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion	128	Resp	199483
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.2	3.4
127	3.2	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.382 ng

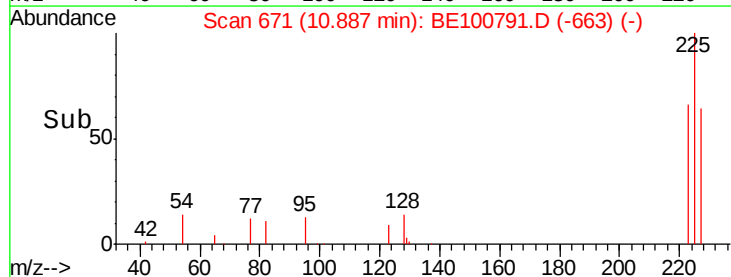
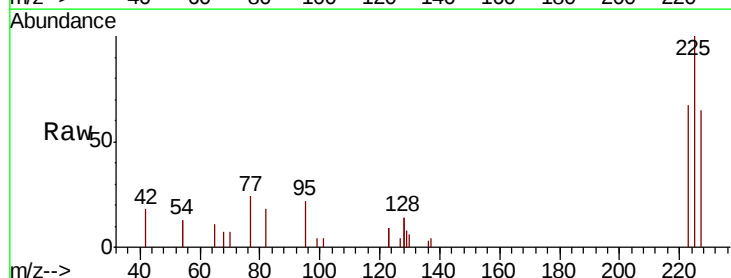
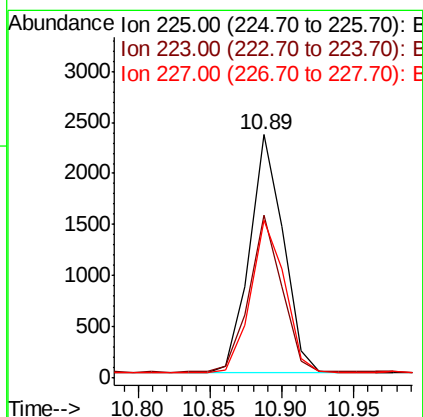
RT: 10.89 min Scan# 671

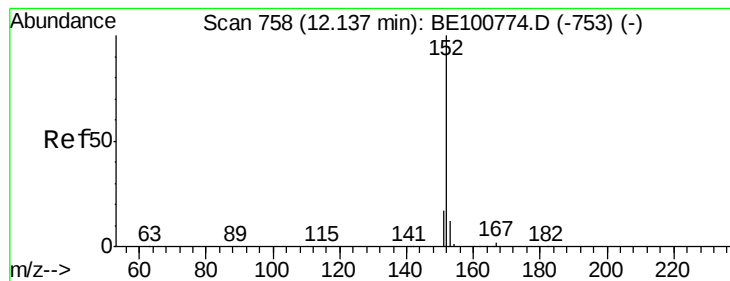
Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion	225	Resp	3811
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.9	74.9
227	64.9	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.296 ng m

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:152 Resp: 10336

Ion Ratio Lower Upper

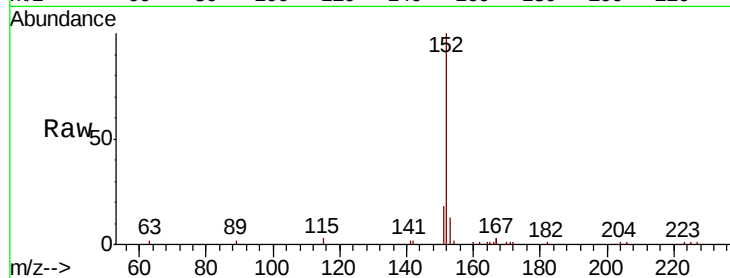
152 100

151 25.3 15.8 23.8#

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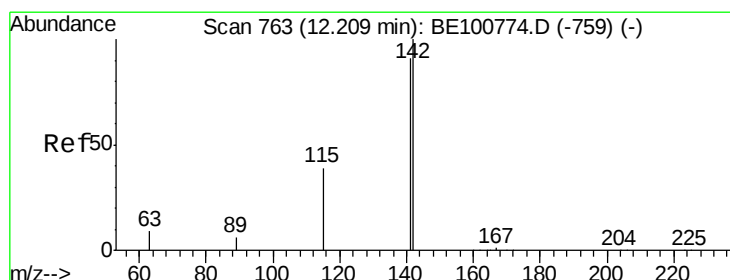
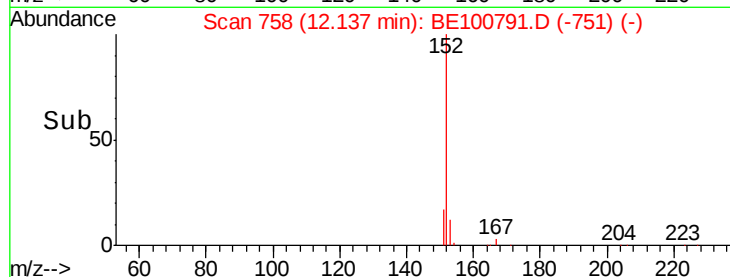
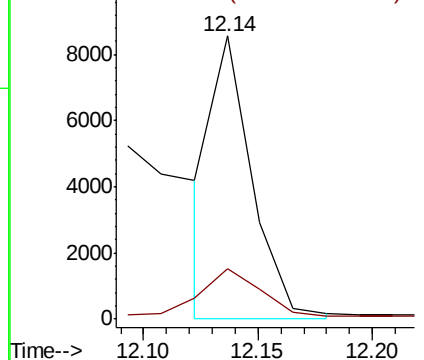
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.696 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

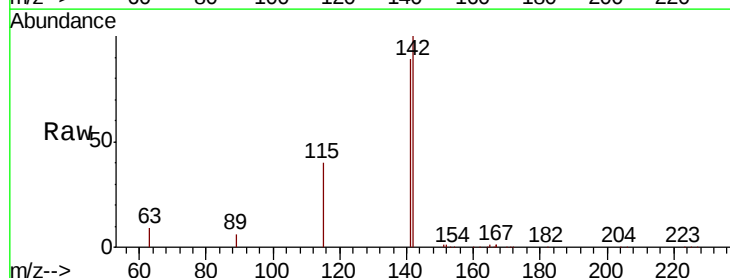
Tgt Ion:142 Resp: 27826

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8

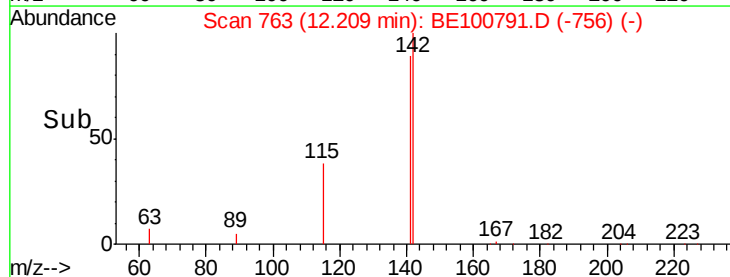
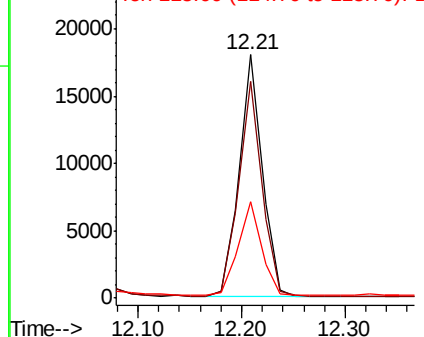
115 39.6 31.8 47.6



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





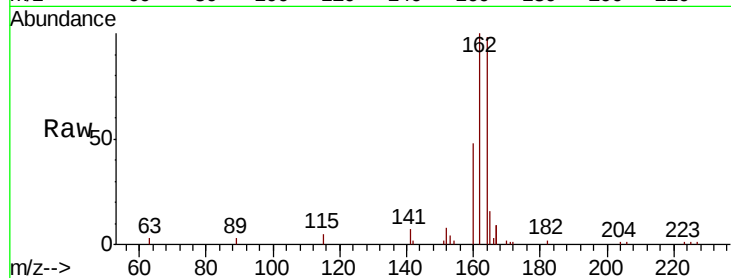
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	48.6	39.4	59.0

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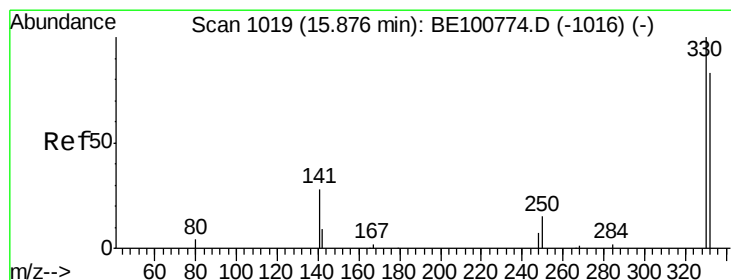
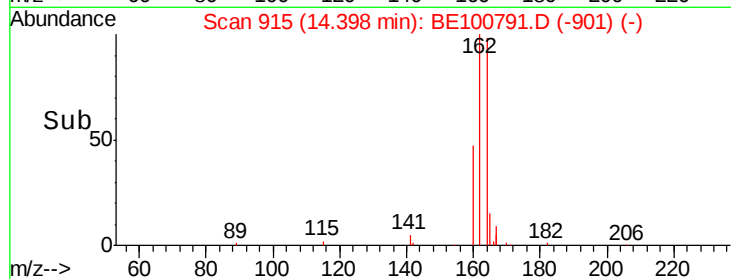
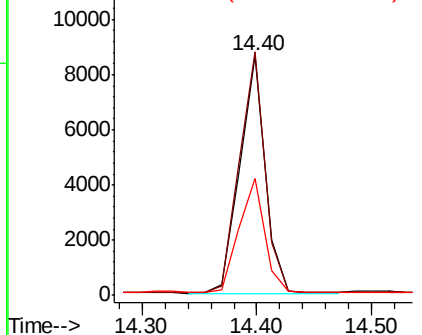


Abundance

Ion 164.00 (163.70 to 164.70): E

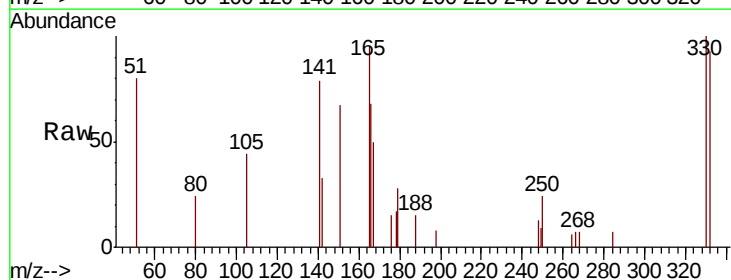
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 1.049 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.6	69.4	104.2
141	116.4	51.1	76.7#

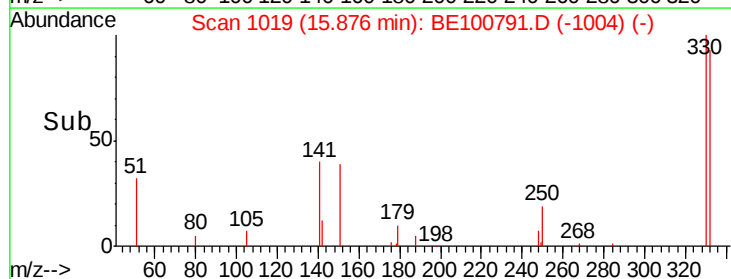
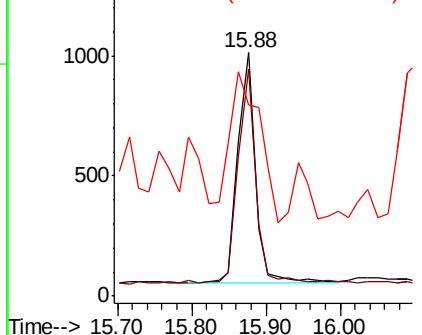


Abundance

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





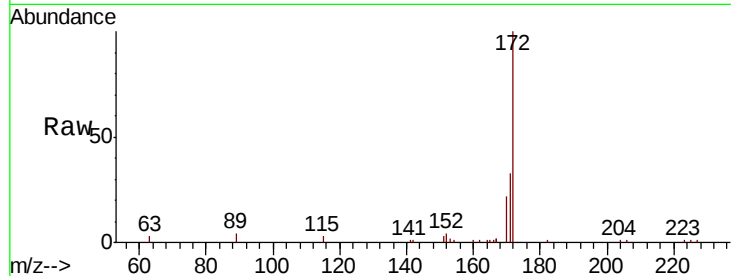
#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.2	40.8
170	21.5	18.0	27.0

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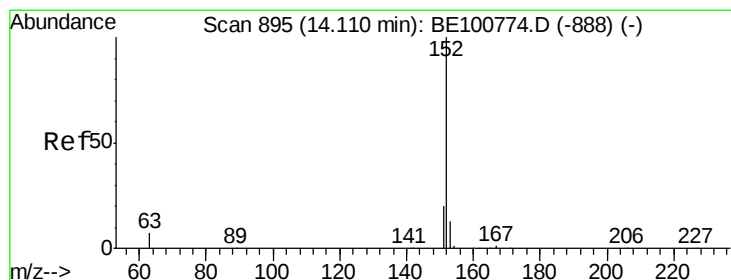
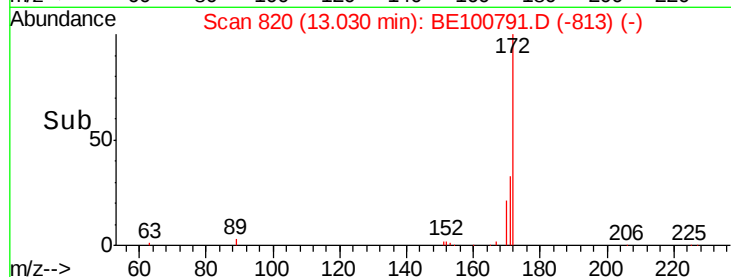
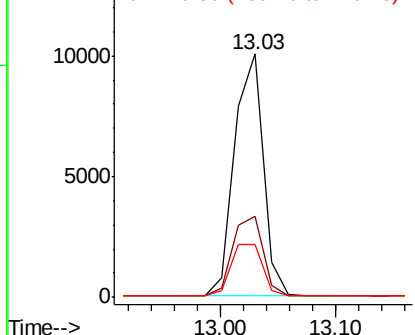


Abundance

Ion 172.00 (171.70 to 172.70): E

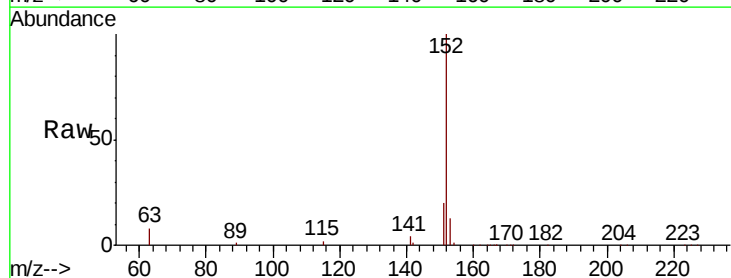
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 2.097 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.4	10.4	15.6

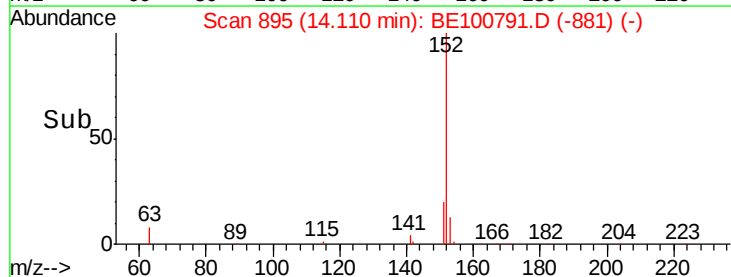
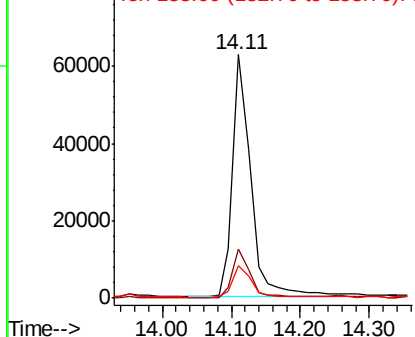


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





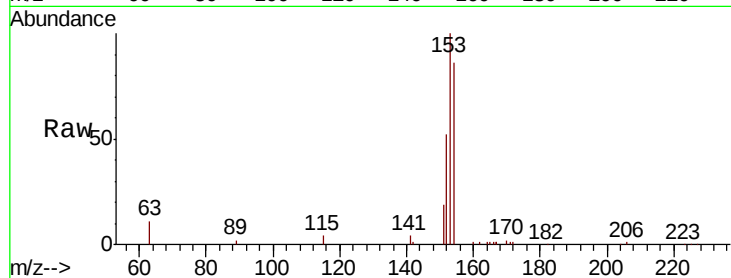
#17
Acenaphthene
Concen: 0.559 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.2	138.2
152	58.2	49.1	73.7

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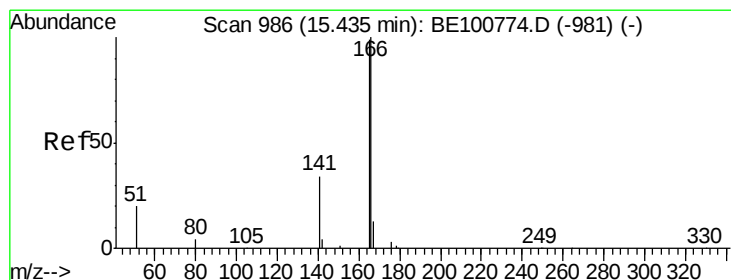
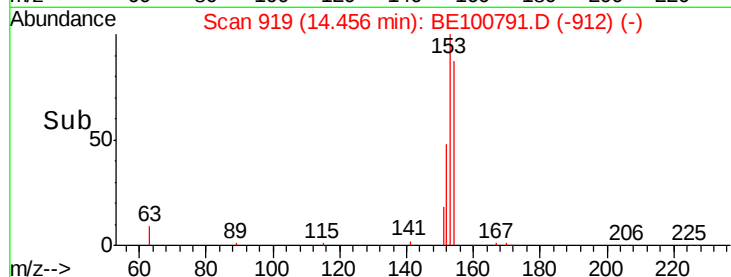
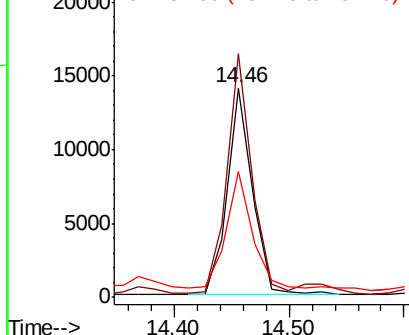


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.853 ng m
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

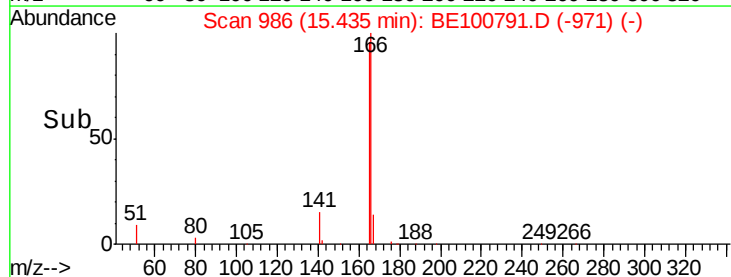
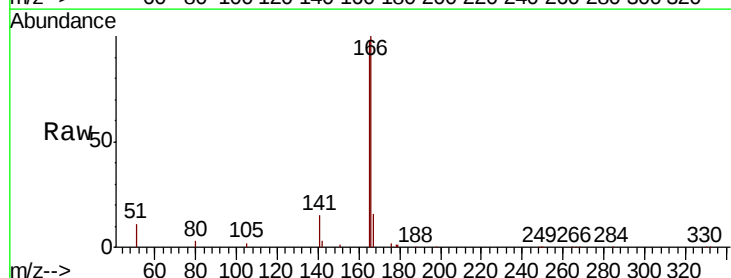
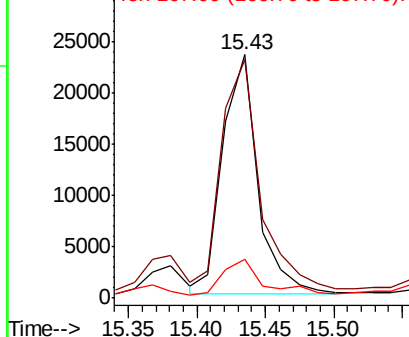
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.5	80.5	120.7
167	17.0	10.7	16.1#

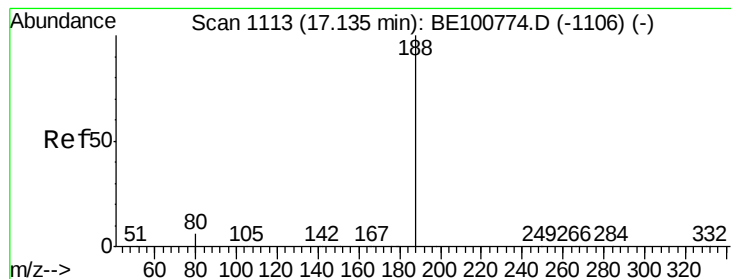
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

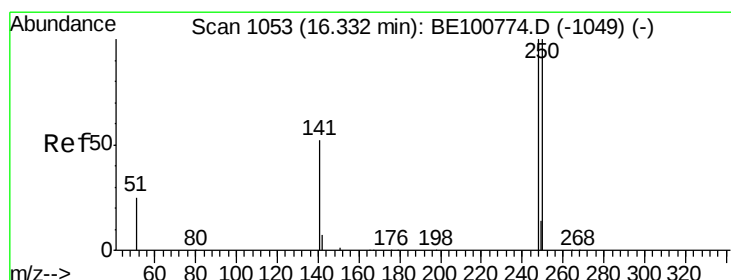
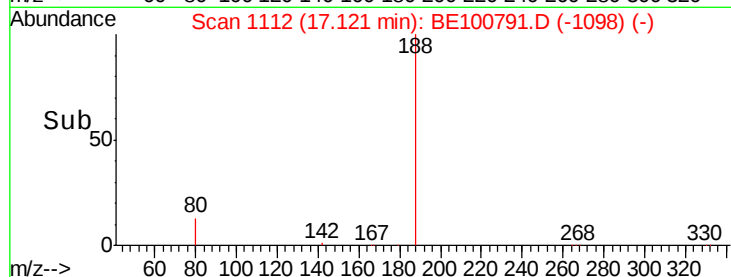
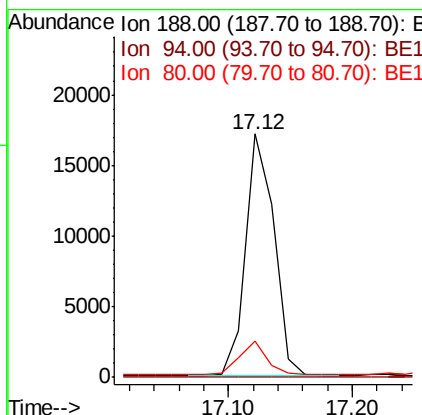
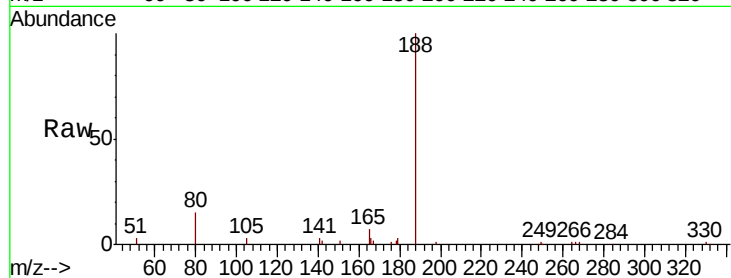
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	188	Resp:	27183
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	5.2	7.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.425 ng

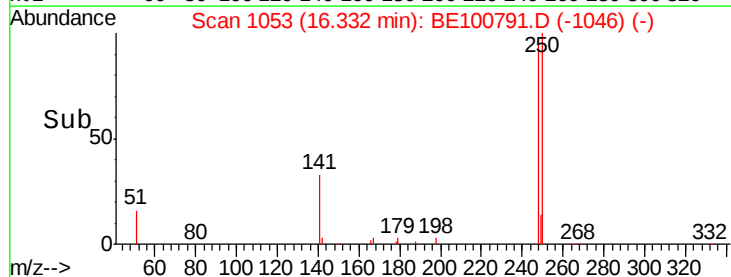
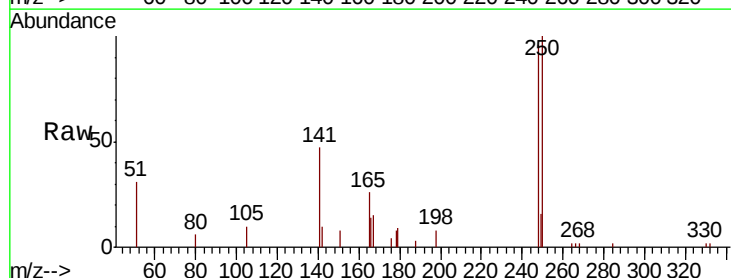
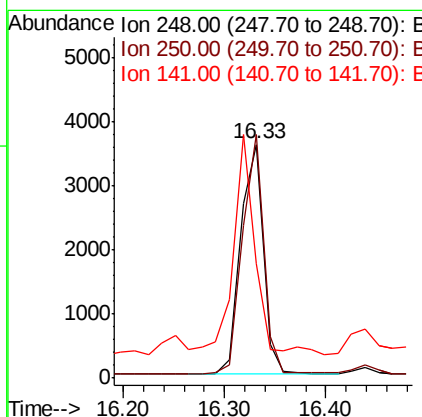
RT: 16.33 min Scan# 1053

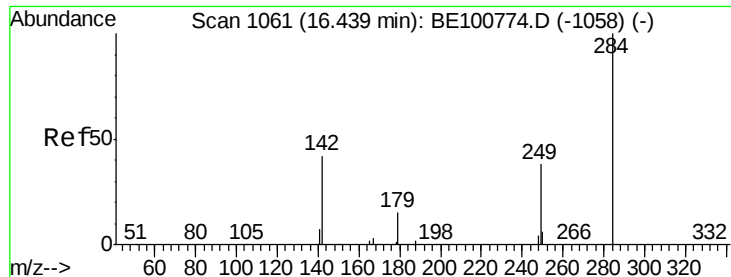
Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion:	248	Resp:	5669
Ion Ratio	Lower	Upper	
248	100		
250	104.1	80.5	120.7
141	48.6	42.6	64.0





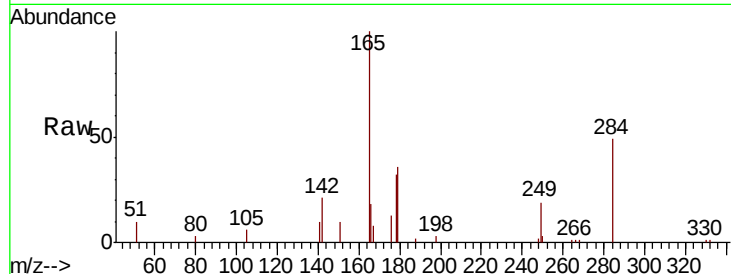
#21
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

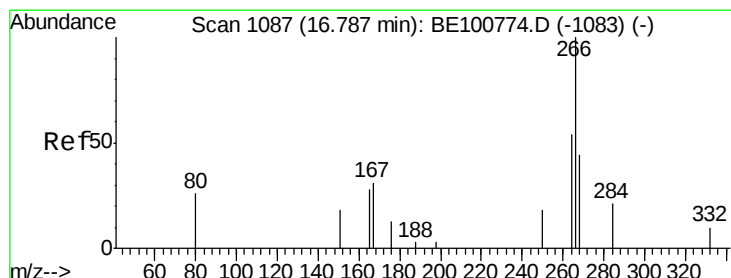
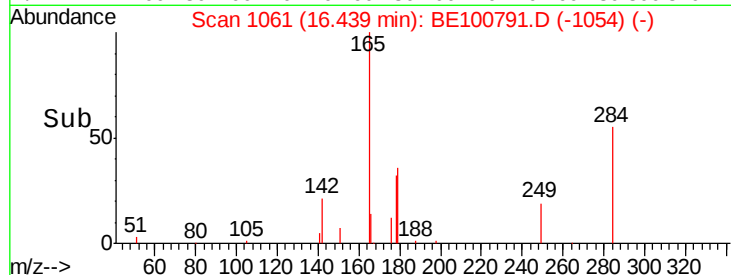
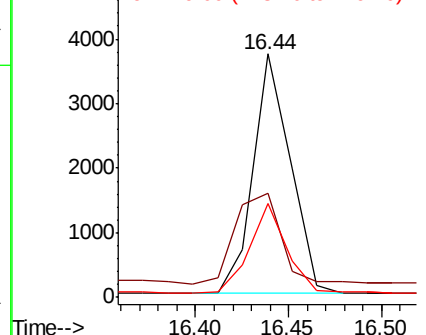
Tot Ion	Ratio	Lower	Upper
284	100		
142	46.3	34.4	51.6
249	36.4	28.5	42.7

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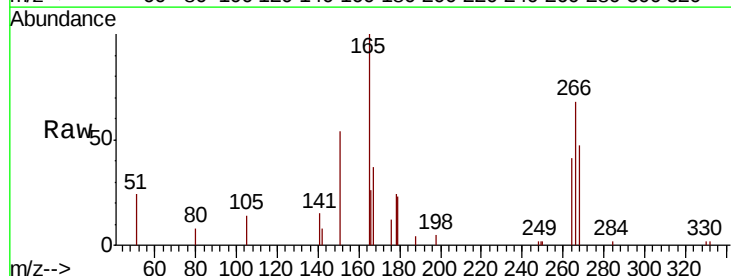


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

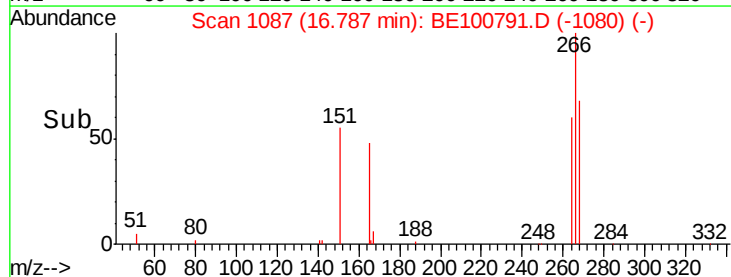
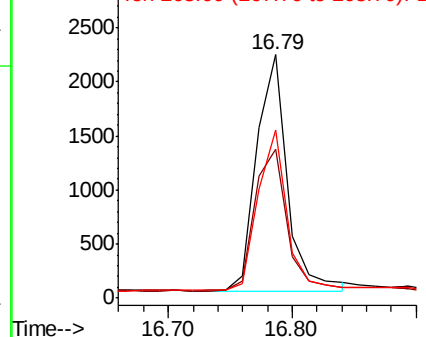


#22
Pentachlorophenol
Concen: 3.749 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.1	63.4	95.0#
268	68.9	65.8	98.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 6.462 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

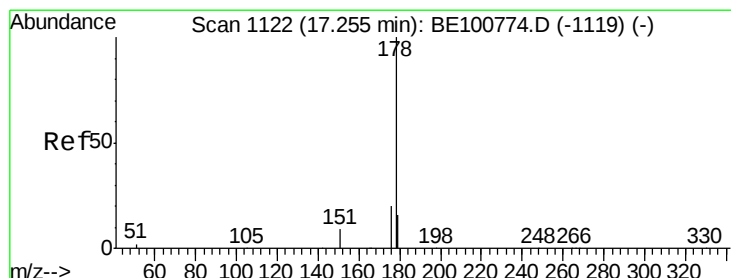
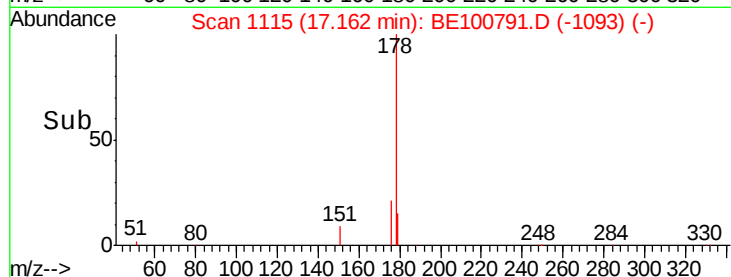
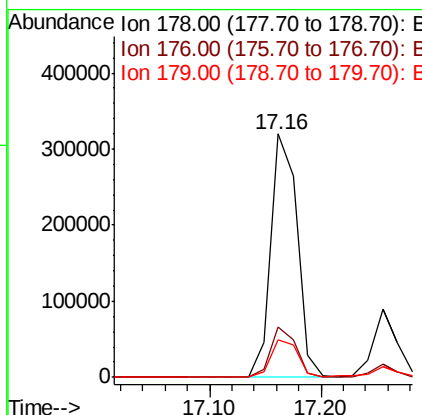
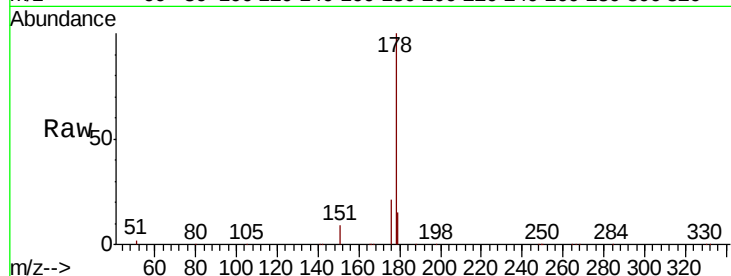
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	178	Resp:	532054
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.5	23.3
179	15.5	12.3	18.5

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#24

Anthracene

Concen: 1.944 ng

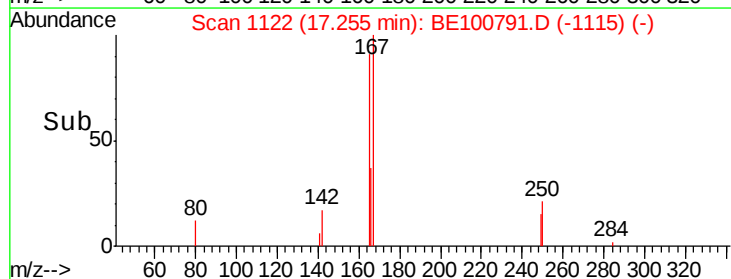
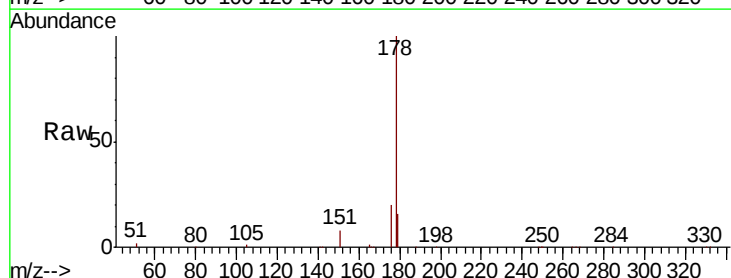
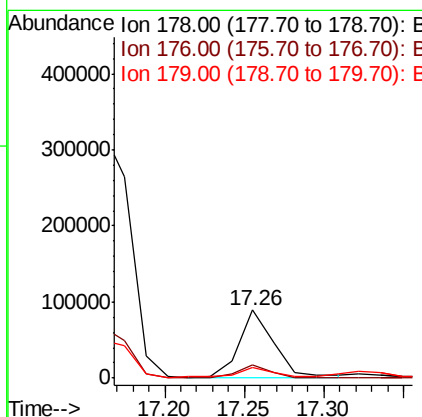
RT: 17.26 min Scan# 1122

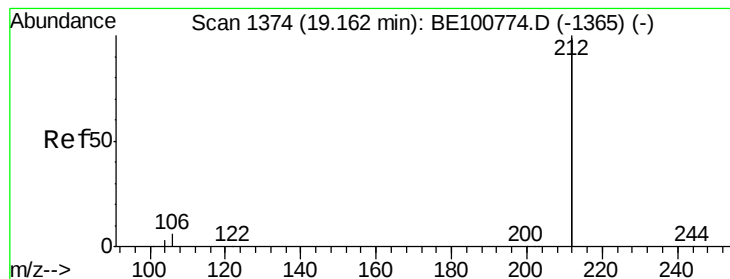
Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion:	178	Resp:	133846
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	13.7	12.7	19.1





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

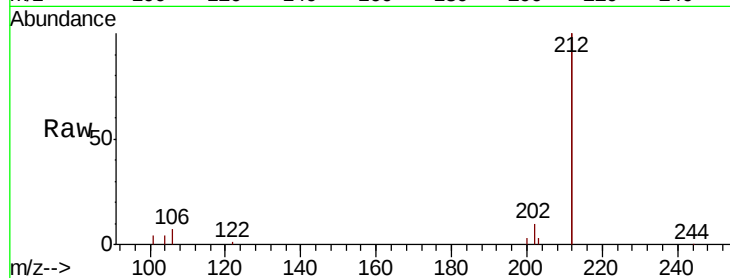
ClientSampleId :

EXT-084-SW178-112519-1MS

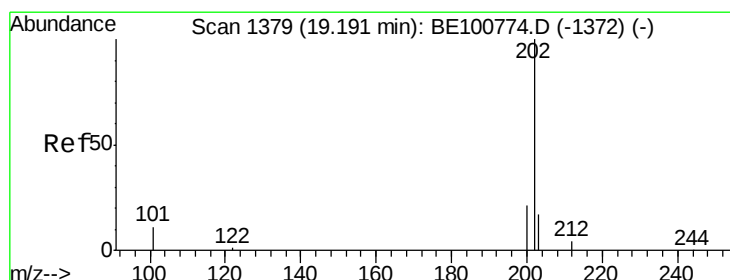
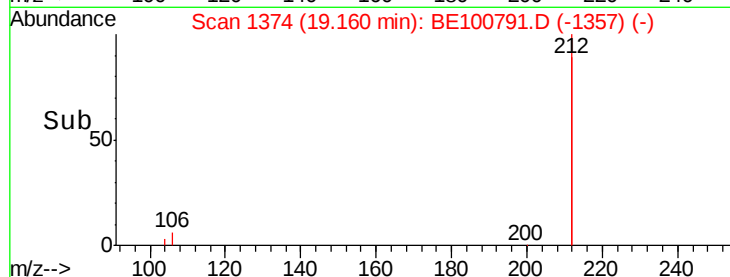
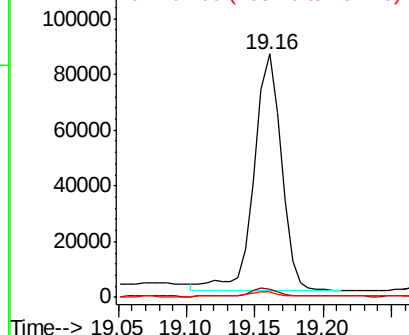
Tot Ion	Ratio	Resp Lower	Upper
212	100		
106	3.3	2.6	3.8
104	2.5	1.4	2.2

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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



#26

Fluoranthene

Concen: 12.123 ng

RT: 19.19 min Scan# 1379

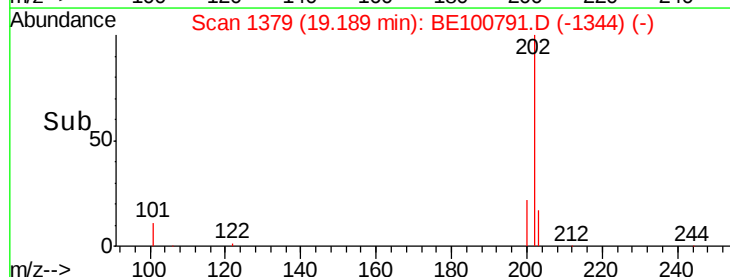
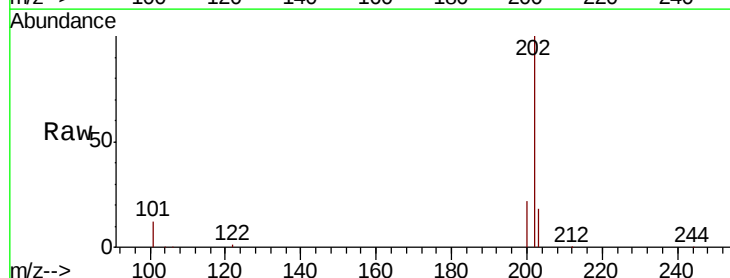
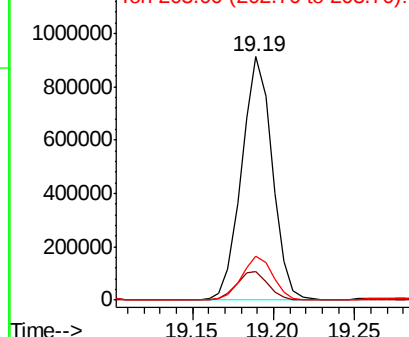
Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	9.1	13.7
203	18.0	13.8	20.6

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





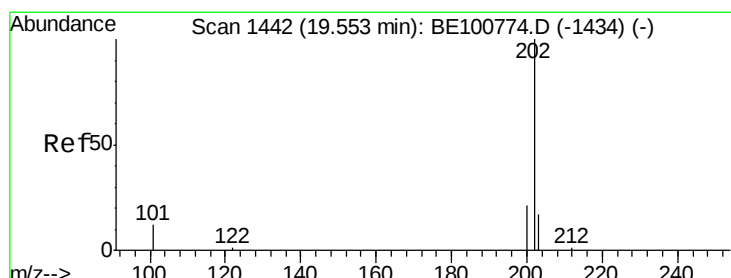
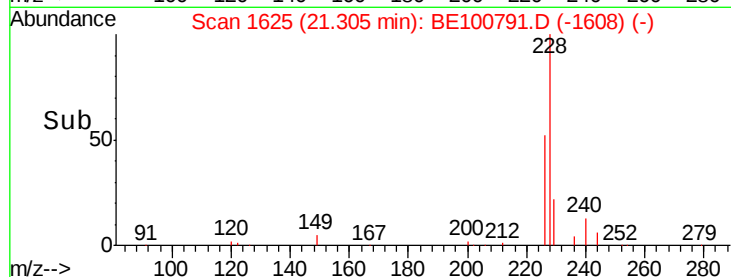
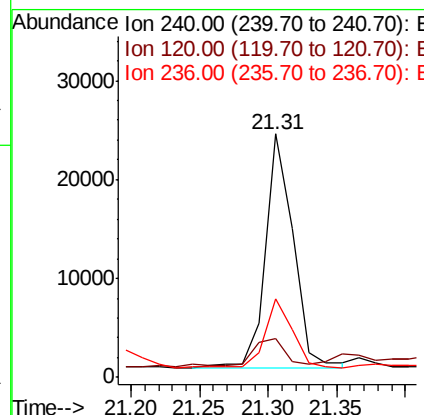
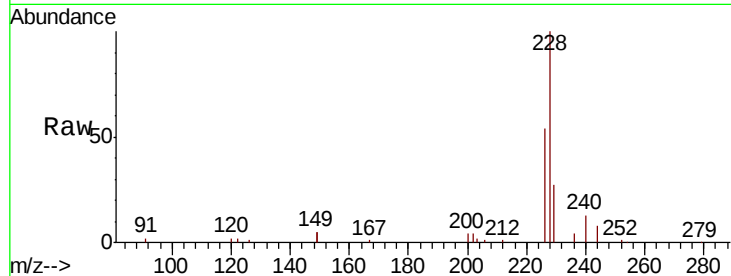
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	10.2	15.2#
236	32.3	22.3	33.5

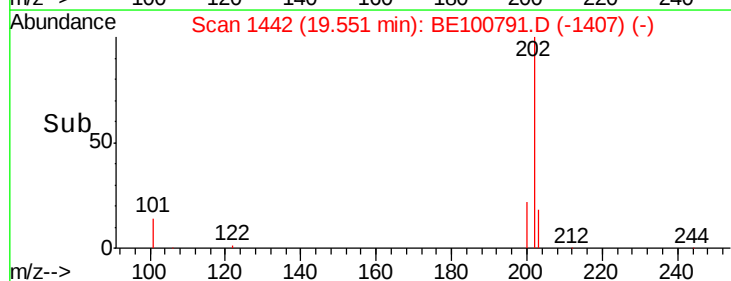
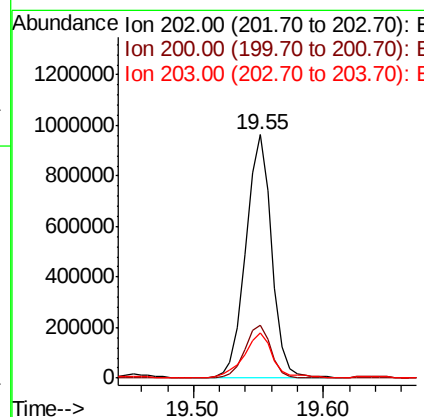
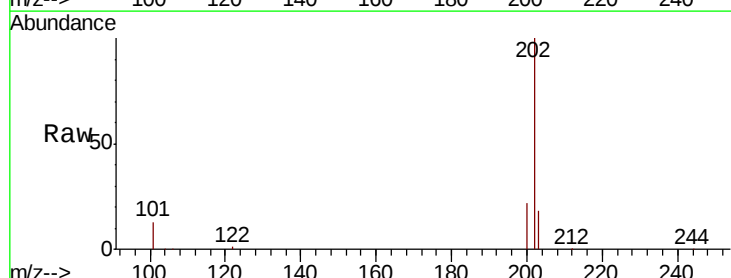
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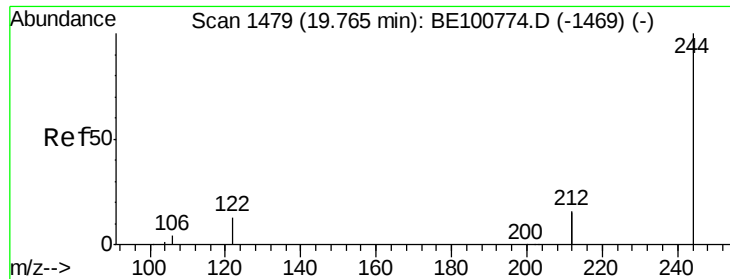
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#28
 Pyrene
 Concen: 12.208 ng
 RT: 19.55 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	20.8	13.9	20.9





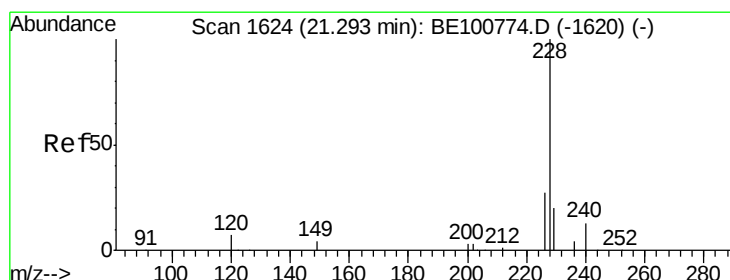
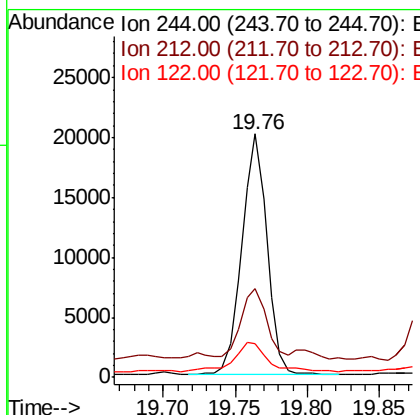
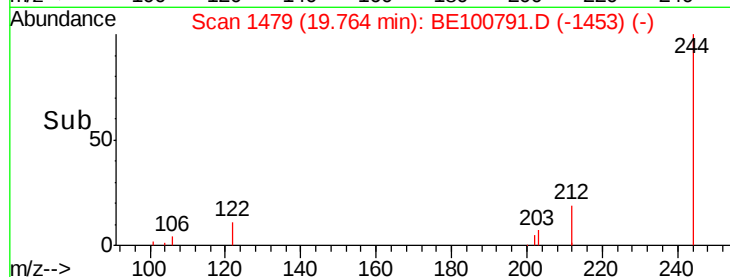
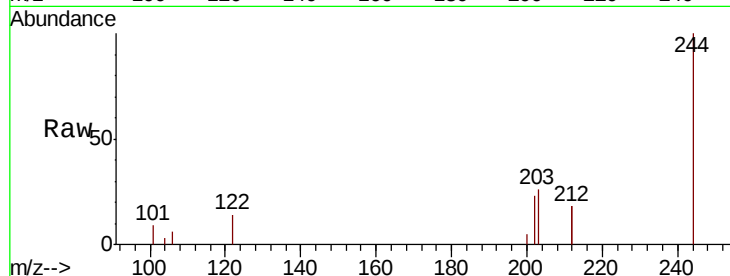
#29
 Terphenyl-d14
 Concen: 0.303 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.7	26.2	39.4
122	14.0	10.2	15.4

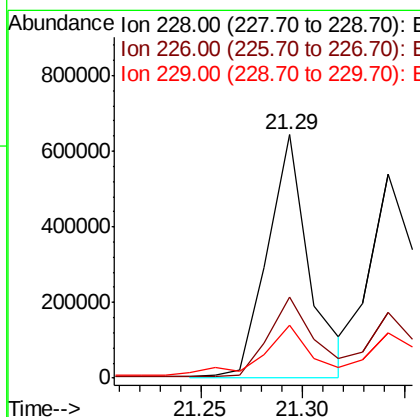
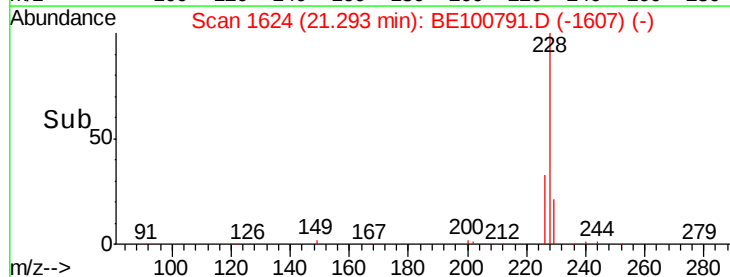
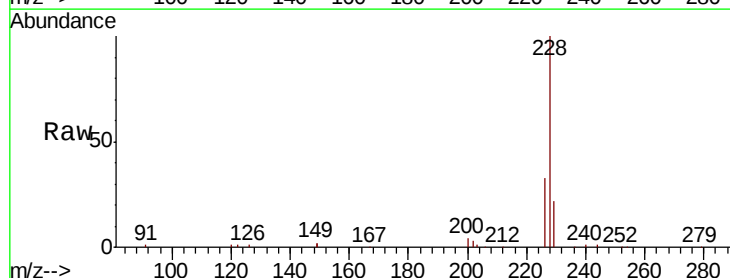
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#30
 Benzo(a)anthracene
 Concen: 9.371 ng m
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100791.D
 Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.5	32.3#
229	21.8	16.0	24.0





#31

Chrysene

Concen: 6.924 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

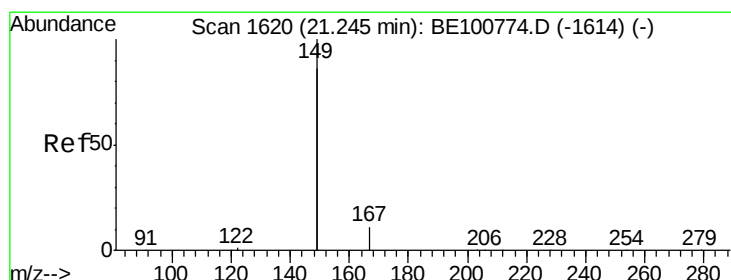
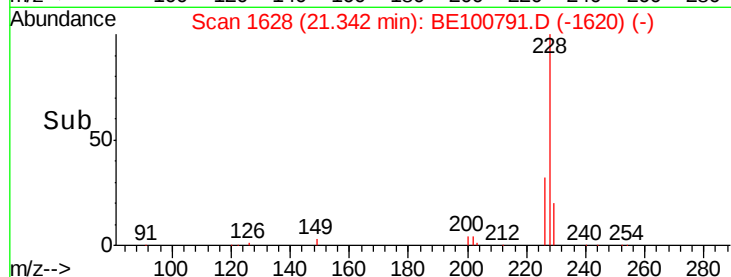
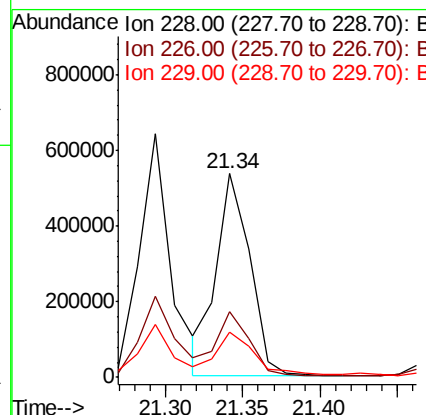
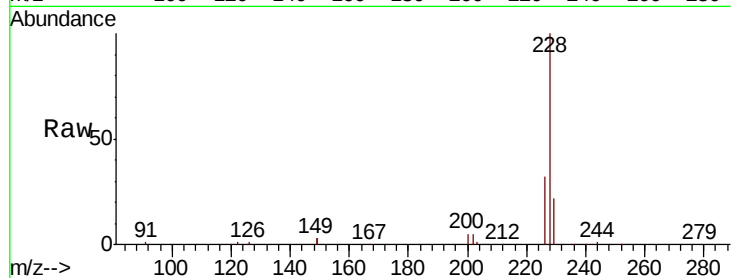
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	228	Resp:	797938
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.0	37.4
229	22.2	15.4	23.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 1.821 ng

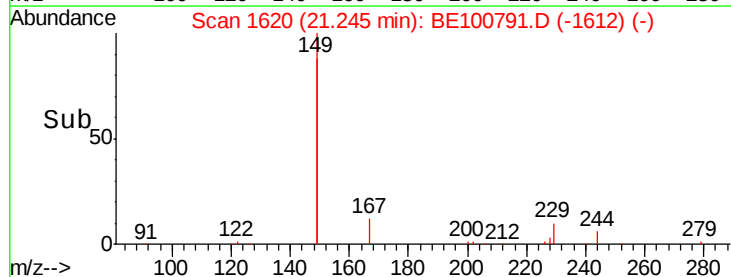
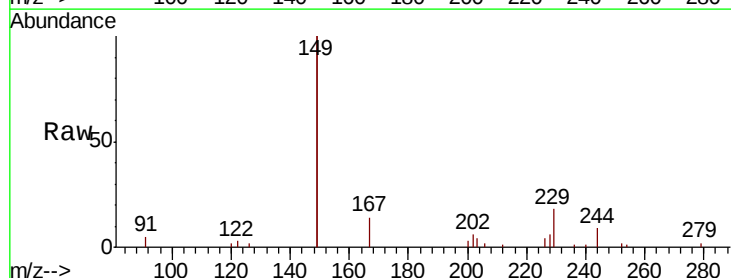
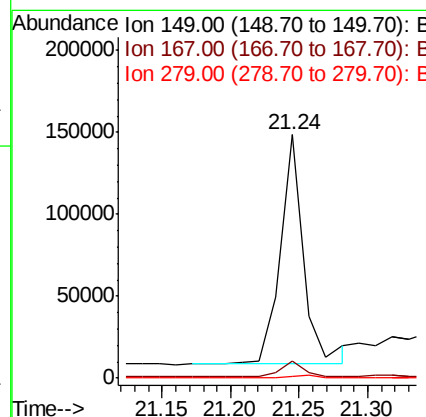
RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion:	149	Resp:	167102
Ion Ratio	Lower	Upper	
149	100		
167	6.1	5.0	7.6
279	0.8	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 5.015 ng

RT: 26.33 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

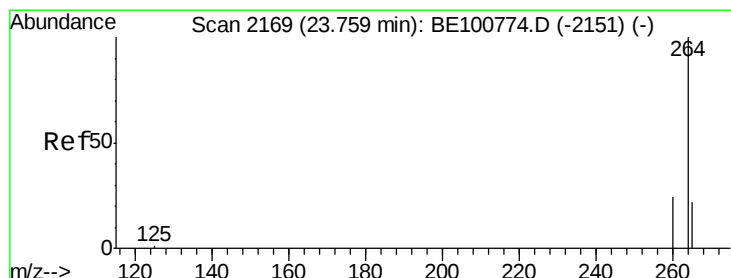
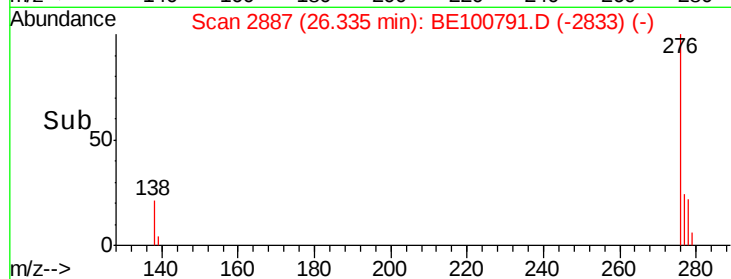
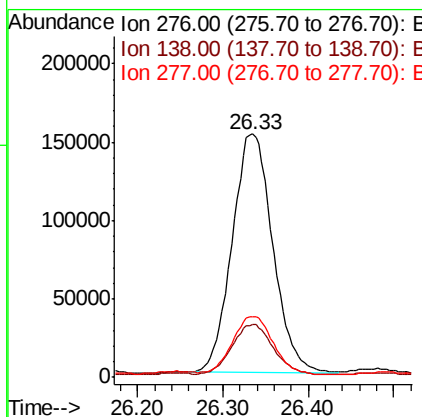
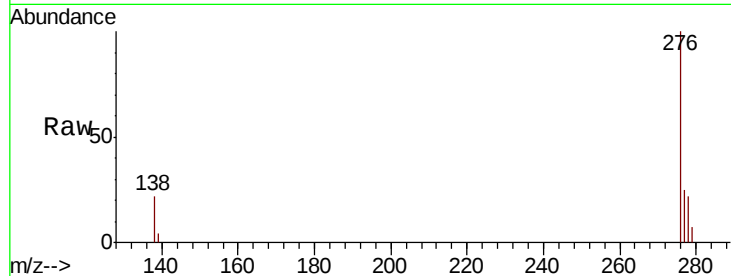
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	276	Resp:	503514
Ion Ratio	Lower	Upper	
276	100		
138	21.4	19.4	29.0
277	24.8	19.8	29.6

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#34

Perylene-d12

Concen: 0.400 ng

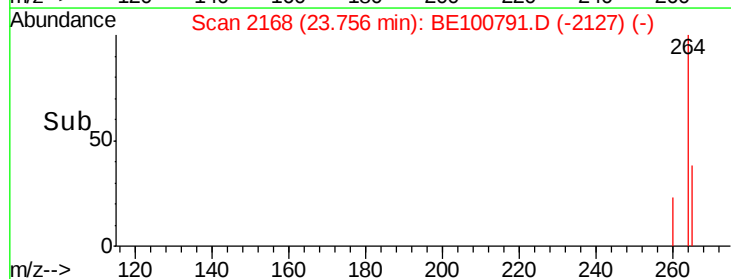
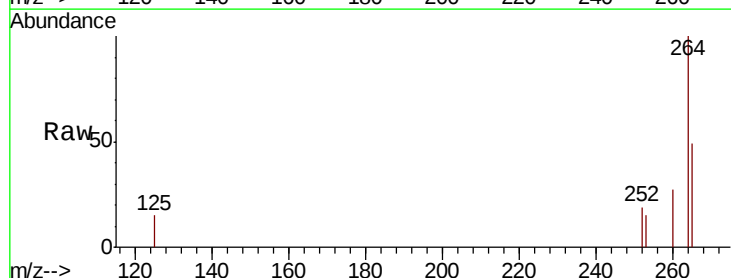
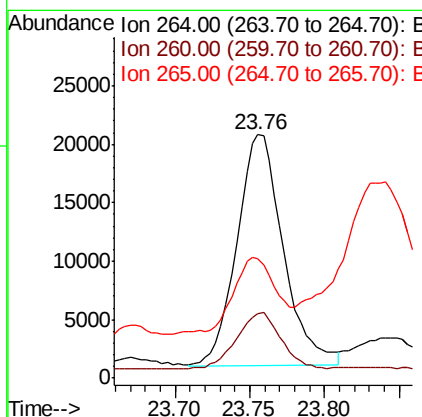
RT: 23.76 min Scan# 2168

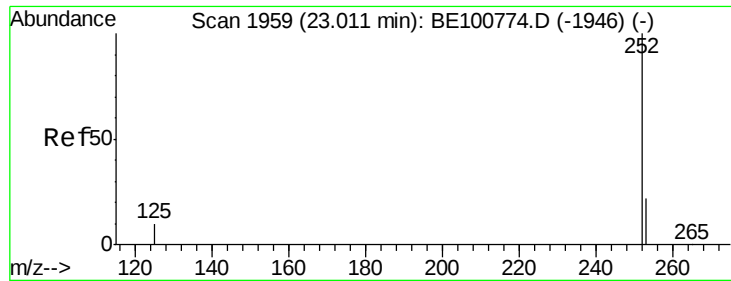
Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Tgt Ion:	264	Resp:	42454
Ion Ratio	Lower	Upper	
264	100		
260	26.7	19.4	29.2
265	48.9	21.8	32.8#





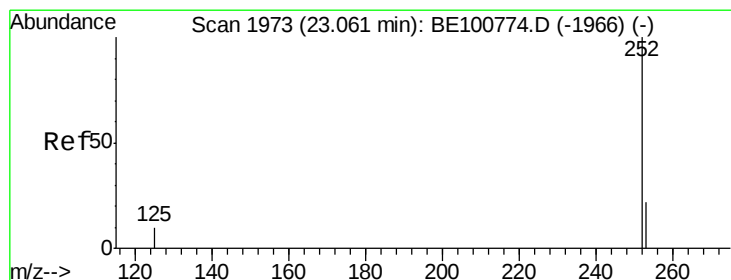
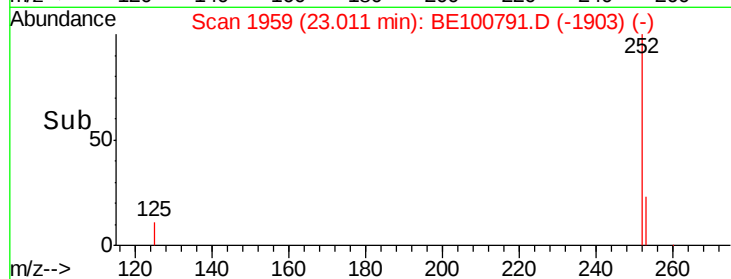
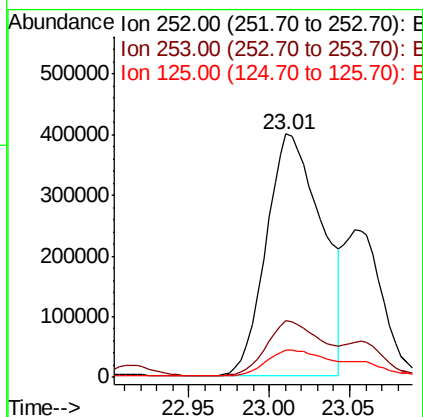
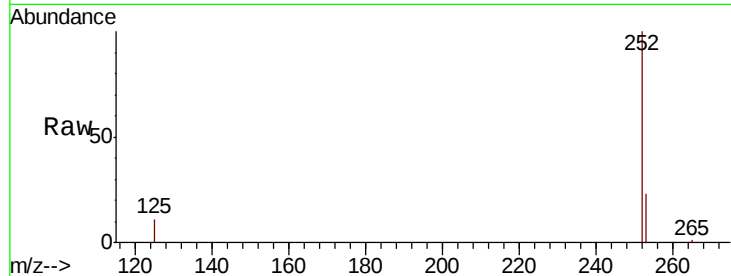
#35
Benzo(b)fluoranthene
Concen: 8.248 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.1	9.0	13.4

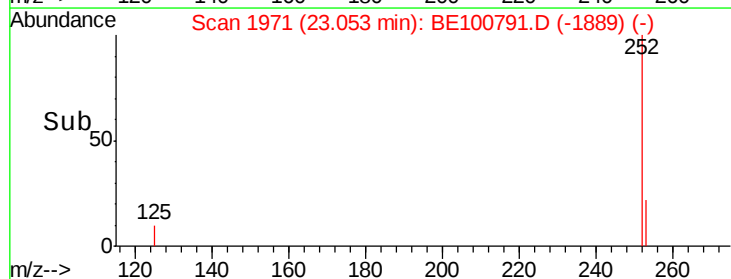
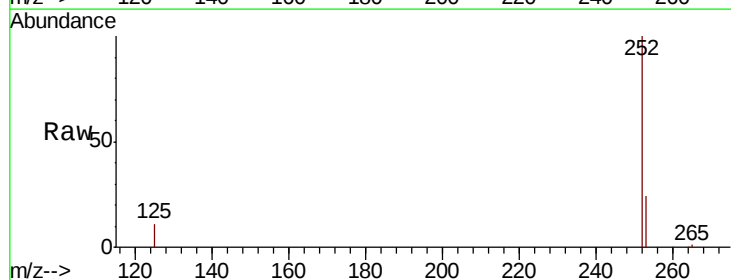
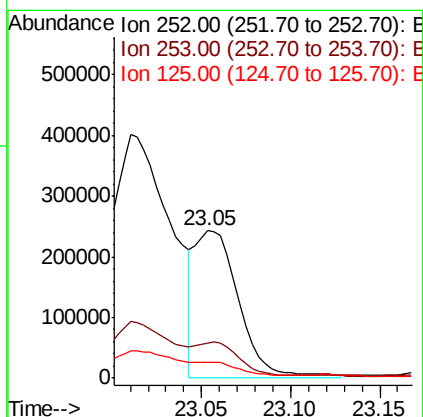
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#36
Benzo(k)fluoranthene
Concen: 3.206 ng m
RT: 23.05 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	11.2	8.7	13.1





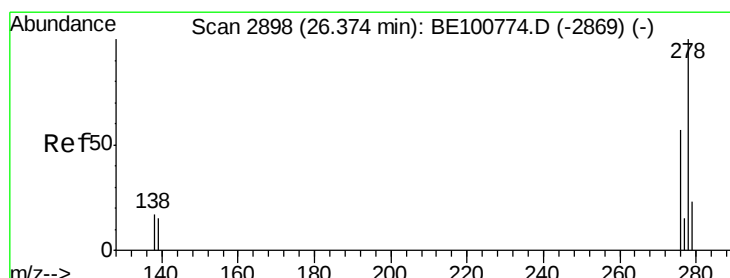
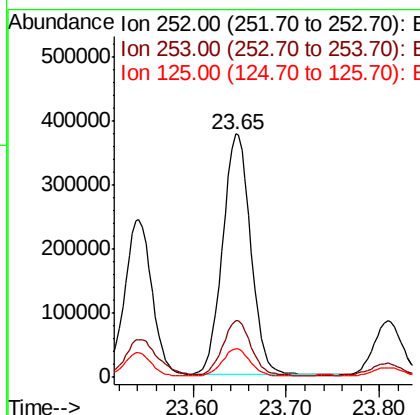
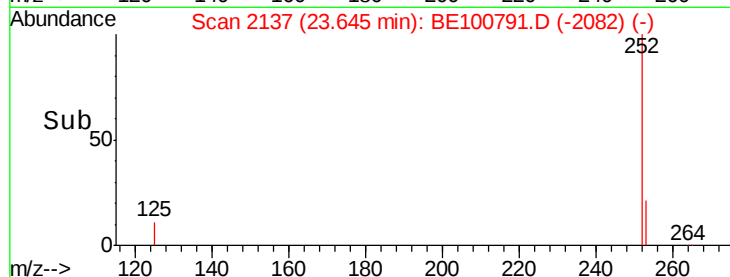
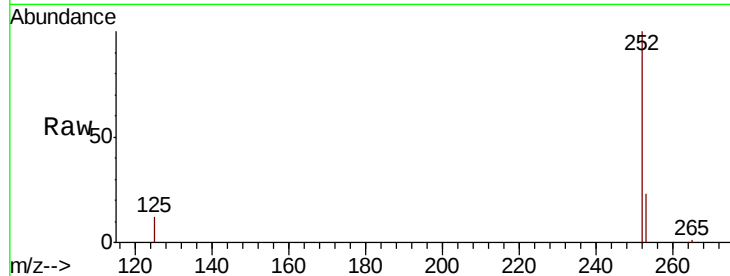
#37
Benzo(a)pyrene
Concen: 7.855 ng
RT: 23.65 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.6	10.4	15.6

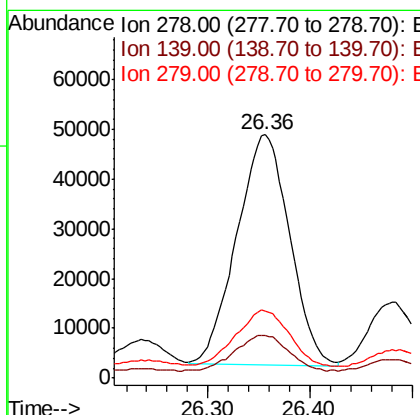
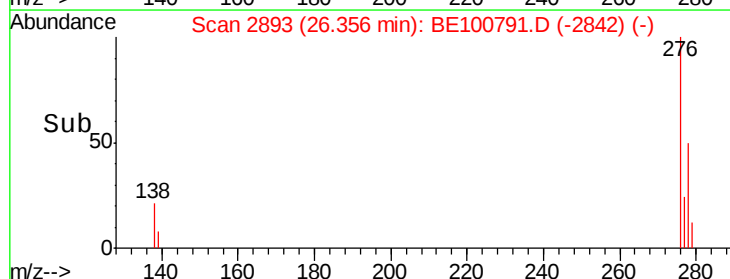
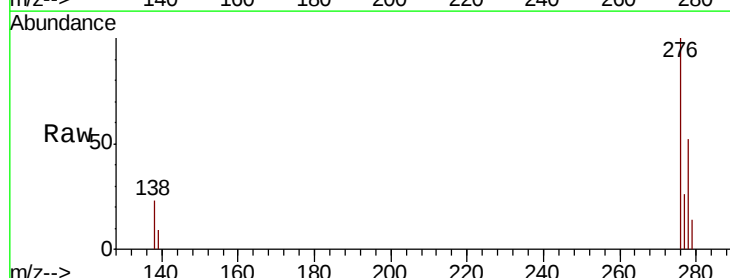
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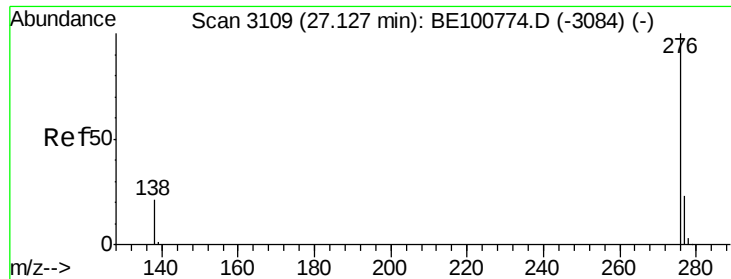
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#38
Dibenzo(a,h)anthracene
Concen: 1.664 ng
RT: 26.36 min Scan# 2893
Delta R.T. -0.02 min
Lab File: BE100791.D
Acq: 5 Dec 2019 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.0	19.4
279	27.4	19.6	29.4





#39

Benzo(a,h,i)perylene

Concen: 4.648 ng

RT: 27.12 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BE100791.D

Acq: 5 Dec 2019 16:24

Instrument :

BNA_E

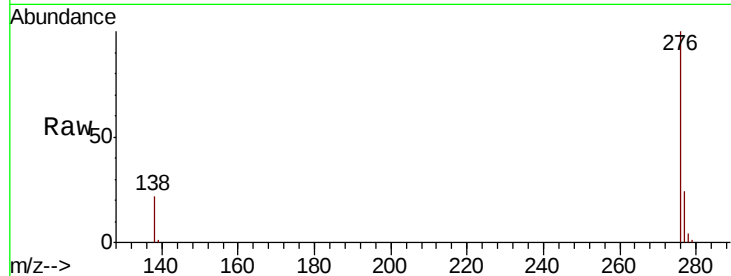
ClientSampleId :

EXT-084-SW178-112519-1MS

Tot Ion:	276	Resp:	497539
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.3	28.9
138	21.6	17.8	26.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

