

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100995.D
 Acq On : 27 Dec 2019 16:15
 Operator : JU
 Sample : K6237-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-191209

Manual Integrations
 APPROVED

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Quant Time: Dec 27 23:27:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2973	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13276	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8891	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	20918	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	22715	0.40	ng	0.00
34) Perylene-d12	23.72	264	26416	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	943	0.19	ng	0.00
5) Phenol-d6	6.93	99	683m	0.27	ng	-0.05
8) Nitrobenzene-d5	8.91	82	2454	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	8271	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	535	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11559	0.37	ng	0.00
25) Fluoranthene-d10	19.14	212	122080	0.48	ng	0.00
29) Terphenyl-d14	19.74	244	22944	0.44	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.19	93	396	0.037	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	22764	0.225	ng	99

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

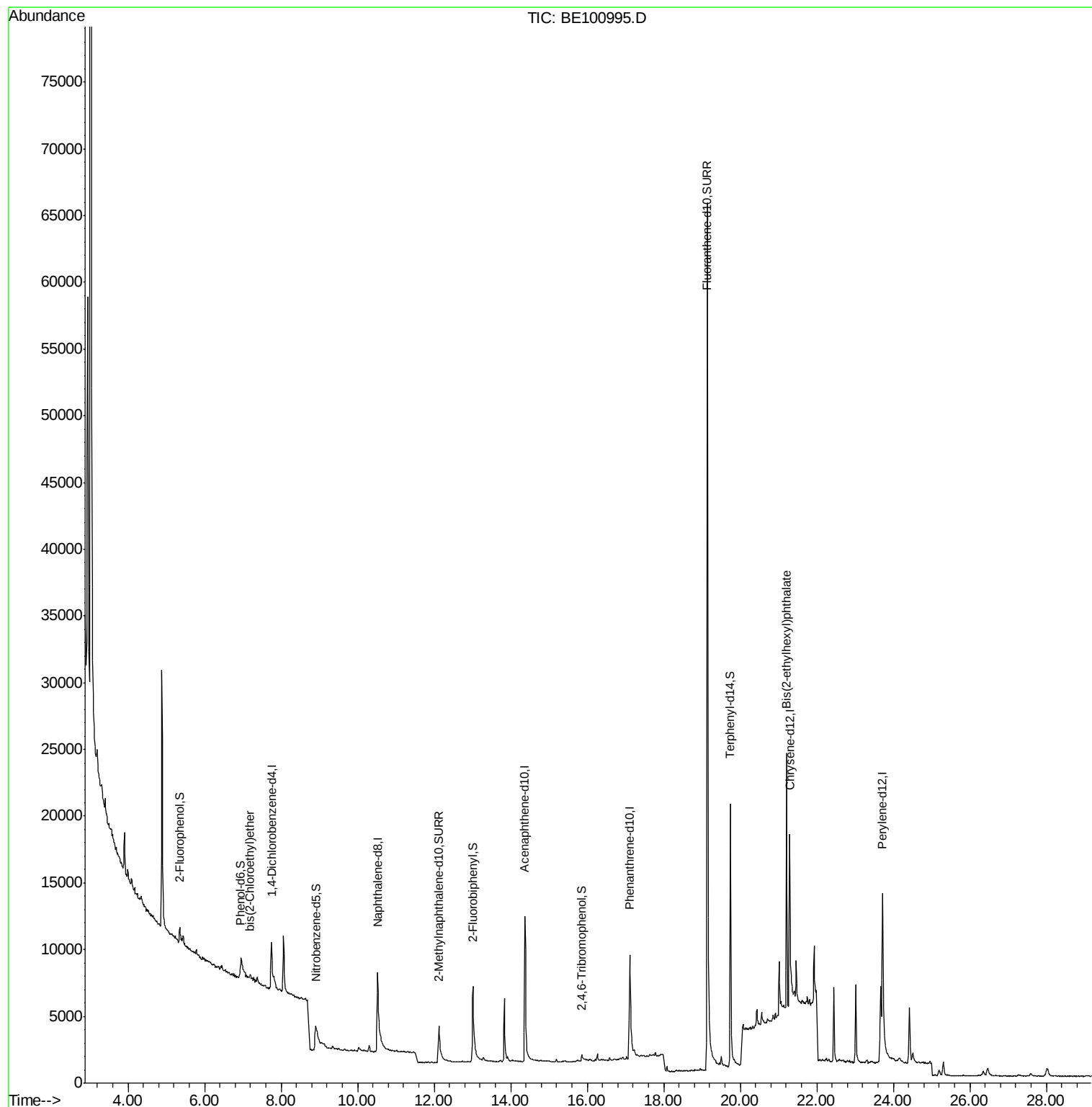
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100995.D
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#1

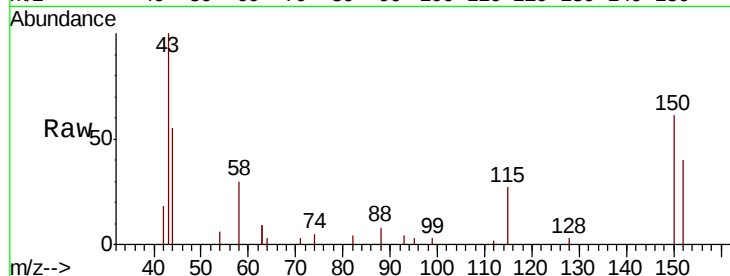
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Instrument :
BNA_E
ClientSampleId :
KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	132.6	199.0
115	67.7	64.1	96.1

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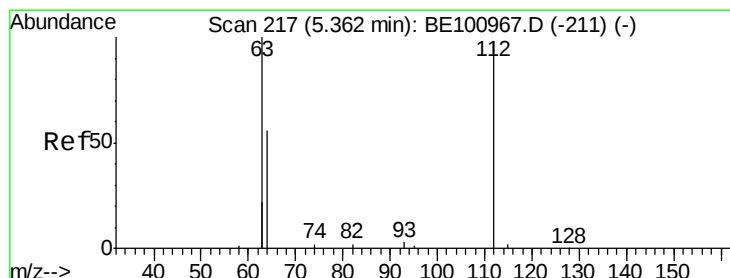
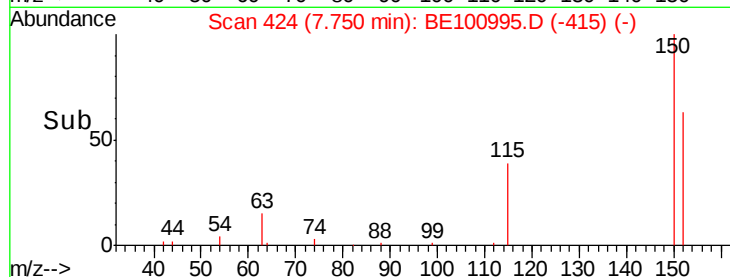
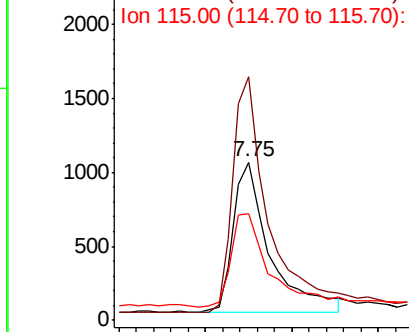


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

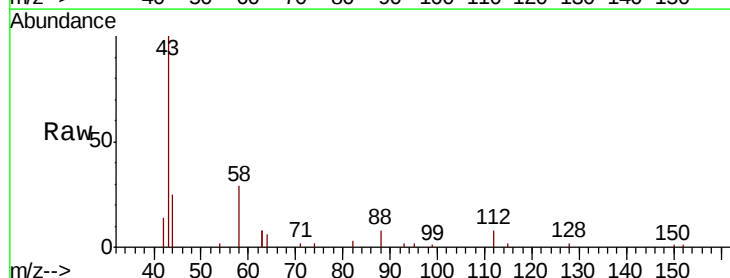
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.188 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	59.0	88.6
63	144.6	121.4	182.0

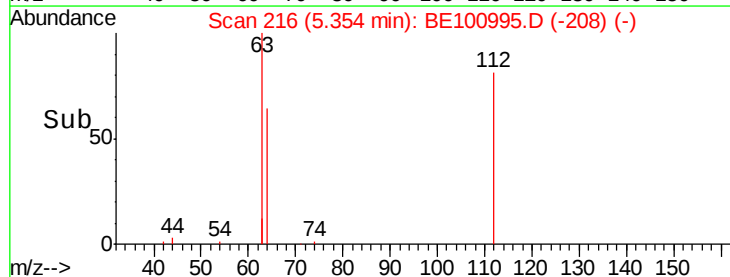
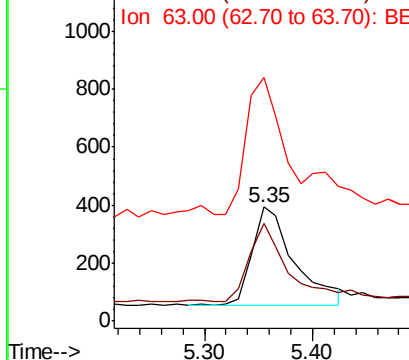


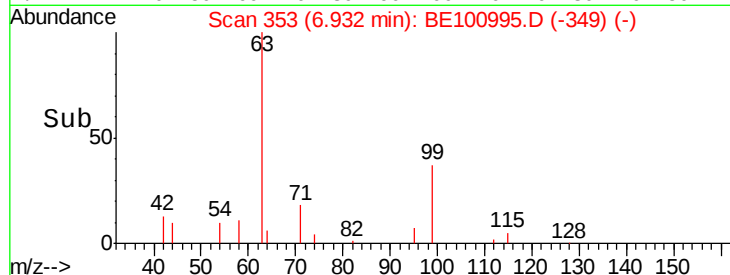
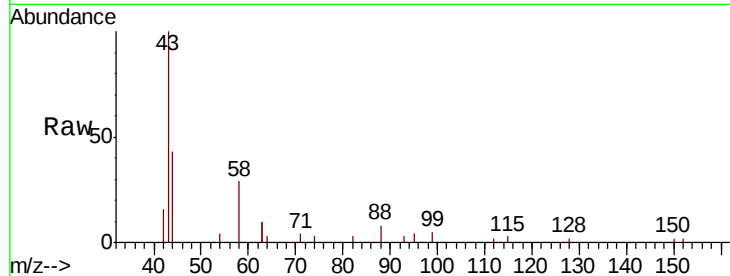
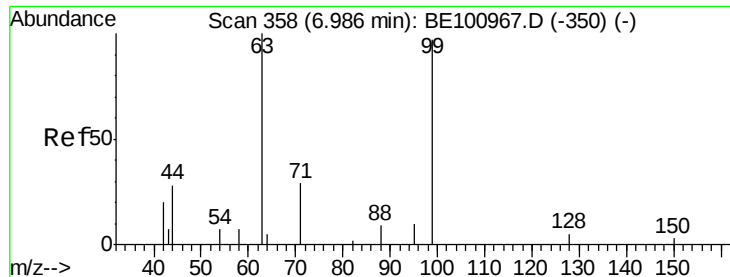
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.267 ng/mL

RT: 6.93 min Scan# 353

Delta R.T. -0.05 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Tot Ion:	99	Resp:	683
Ion	Ratio	Lower	Upper
99	100		
42	29.7	0.0	0.0#
71	18.9	0.0	0.0#

Instrument :

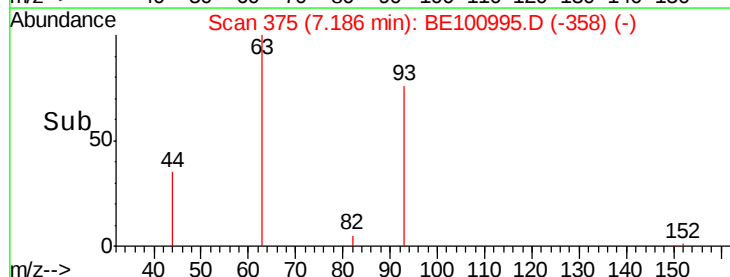
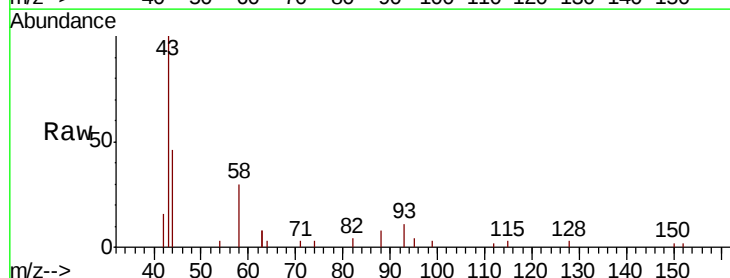
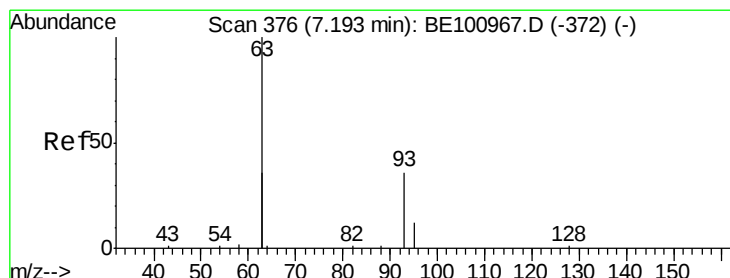
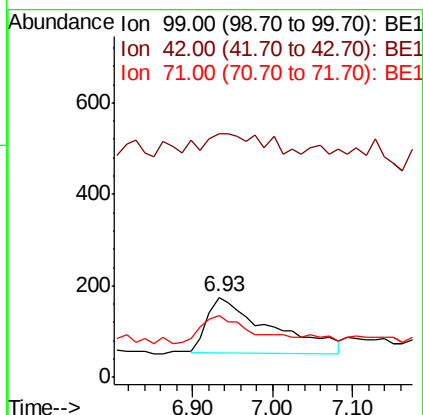
BNA_E

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng/mL

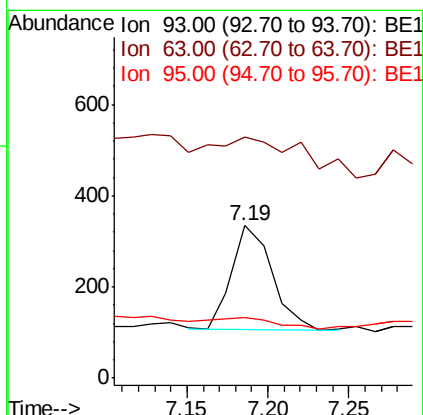
RT: 7.19 min Scan# 375

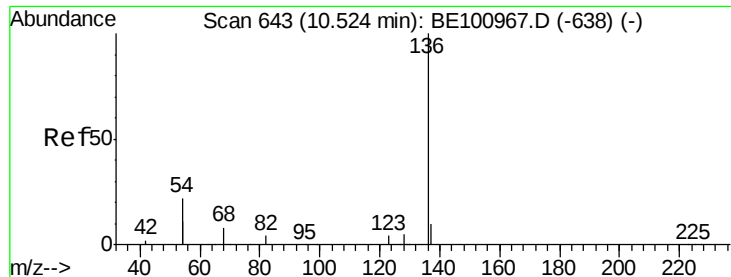
Delta R.T. -0.01 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Tgt Ion:	93	Resp:	396
Ion	Ratio	Lower	Upper
93	100		
63	0.0	228.3	342.5#
95	13.9	25.9	38.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

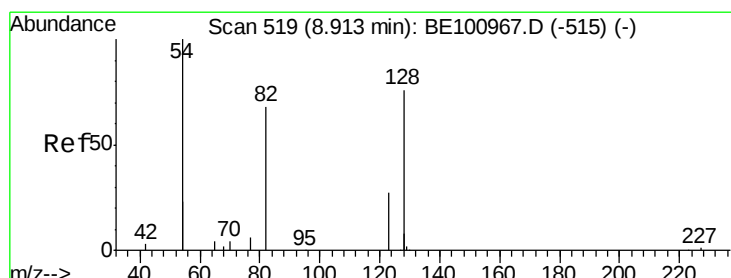
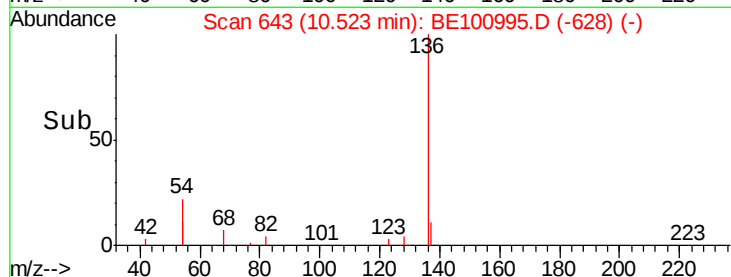
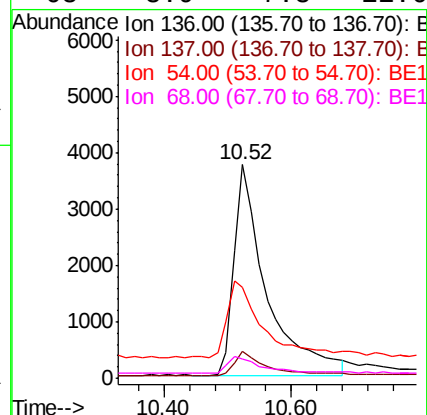
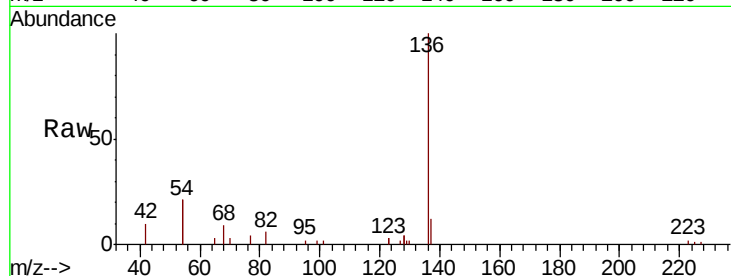
ClientSampleId :

KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.6
54	42.5	34.4	51.6
68	8.9	7.8	11.6

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.457 ng

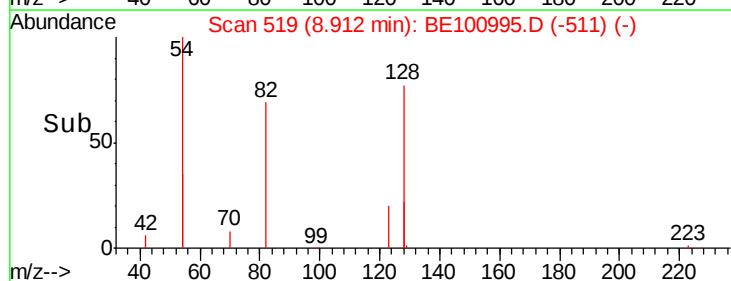
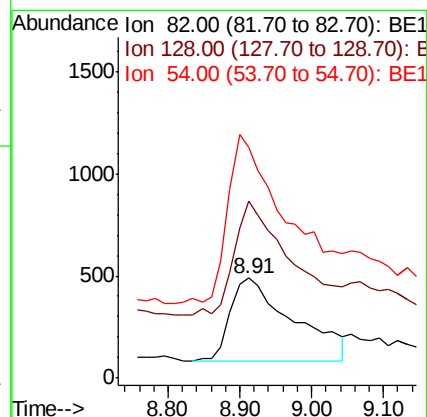
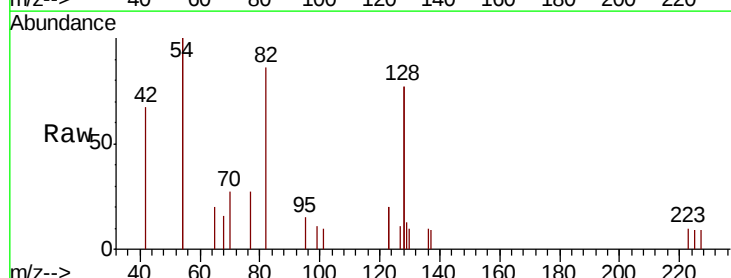
RT: 8.91 min Scan# 519

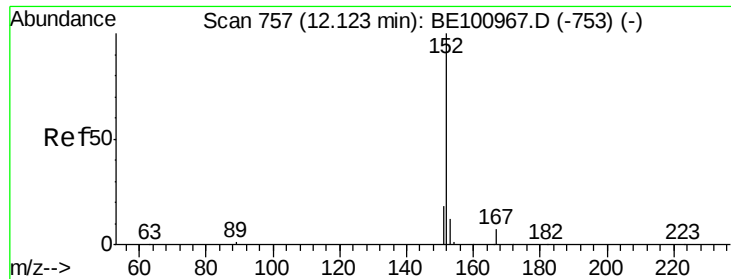
Delta R.T. 0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	177.9	140.2	210.2
54	231.6	183.8	275.6





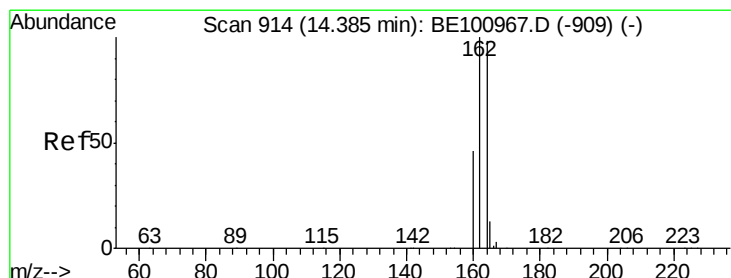
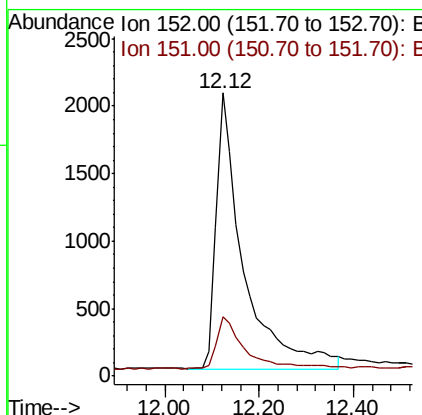
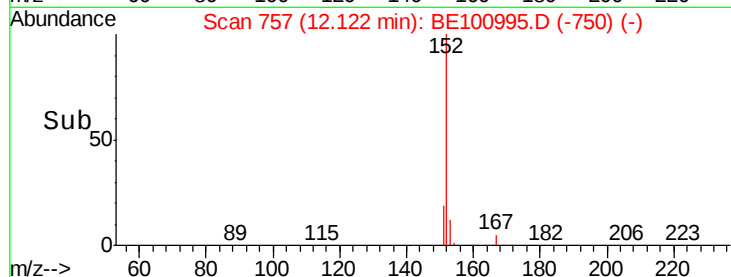
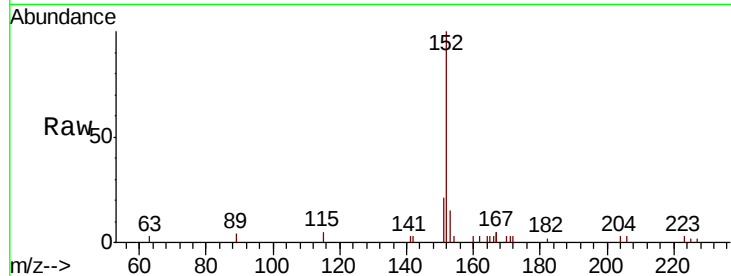
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Instrument :
BNA_E
ClientSampleId :
KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.1	22.7

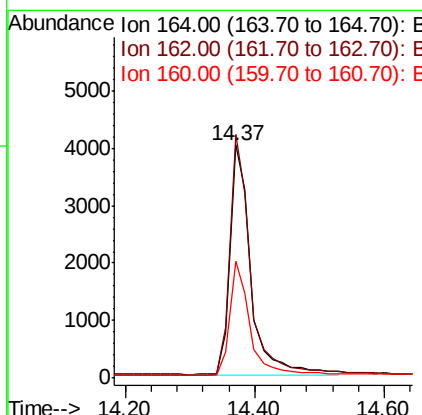
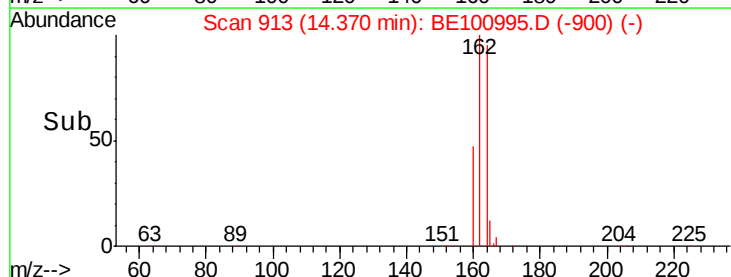
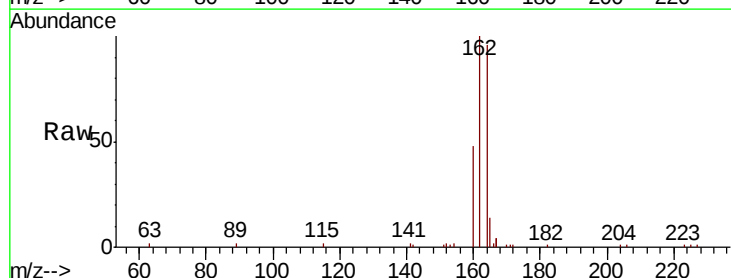
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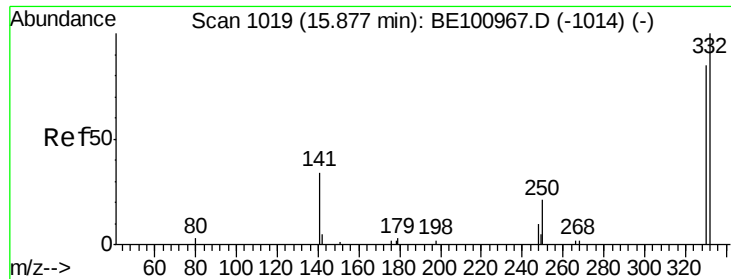
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	50.0	37.7	56.5





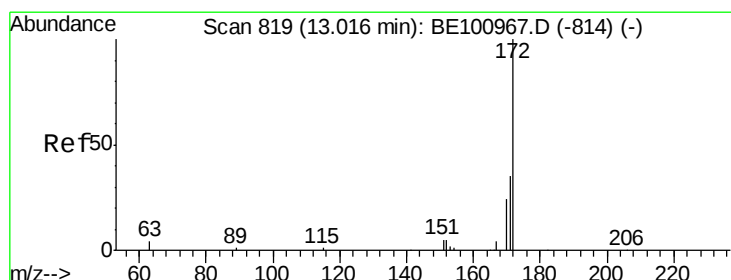
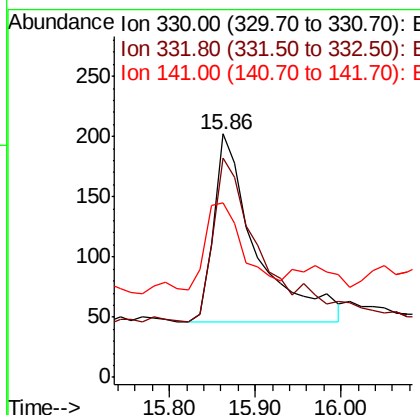
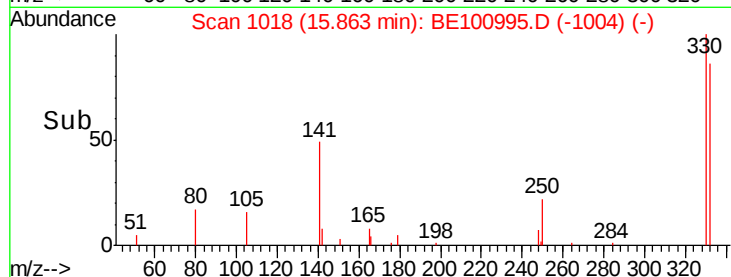
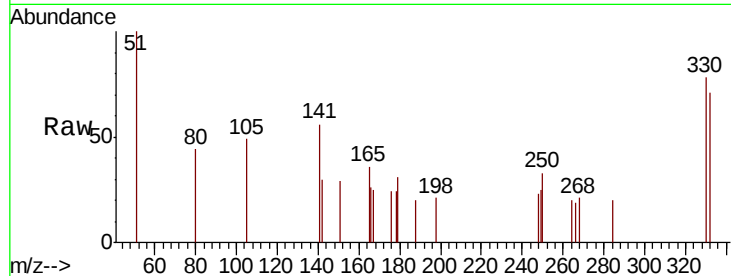
#14
 2,4,6-Tribromophenol
 Concen: 0.399 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	72.4	108.6
141	41.5	25.4	38.2

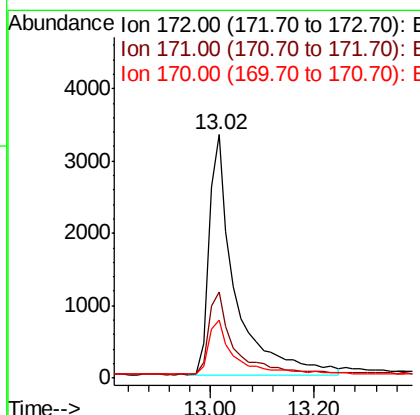
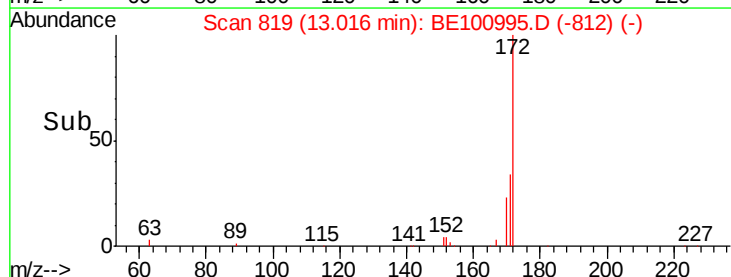
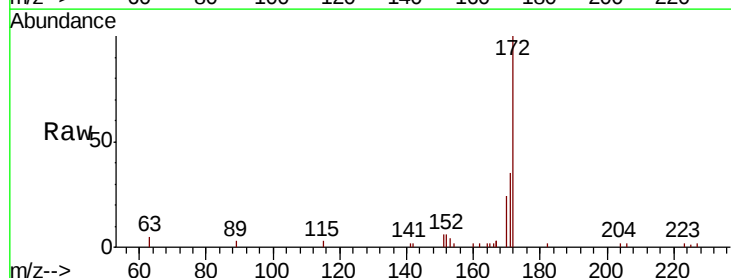
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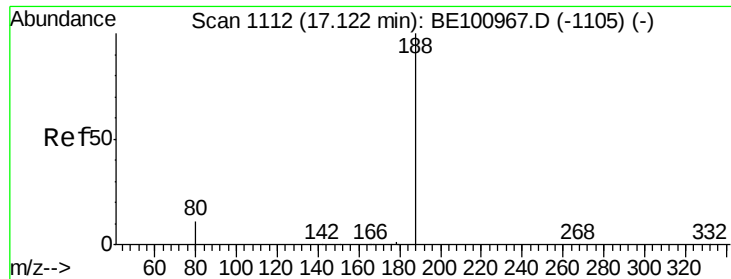
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#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	24.0	20.0	30.0





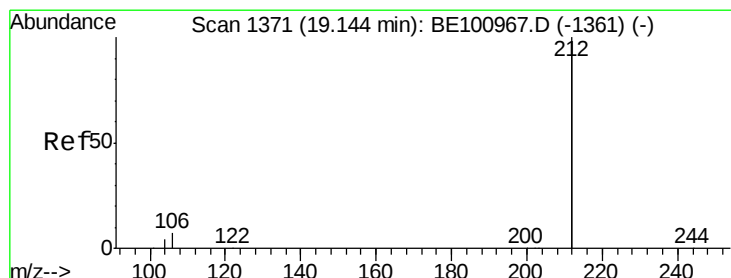
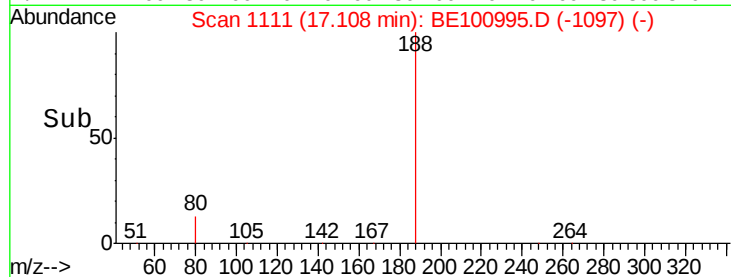
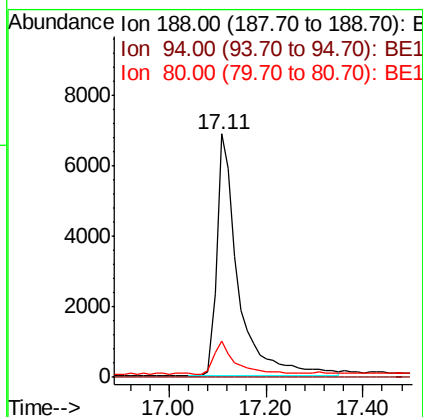
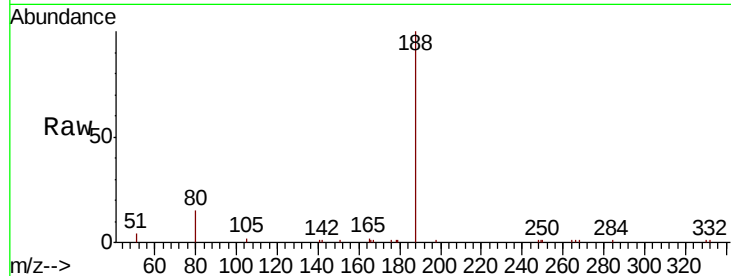
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Instrument :
BNA_E
ClientSampleId :
KY038PS038-191209

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	9.7	14.5#

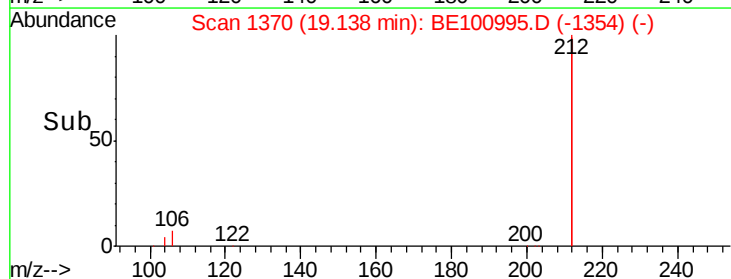
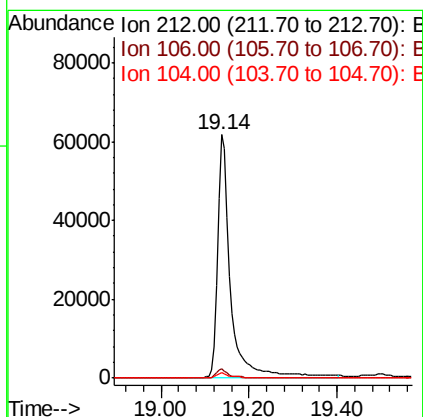
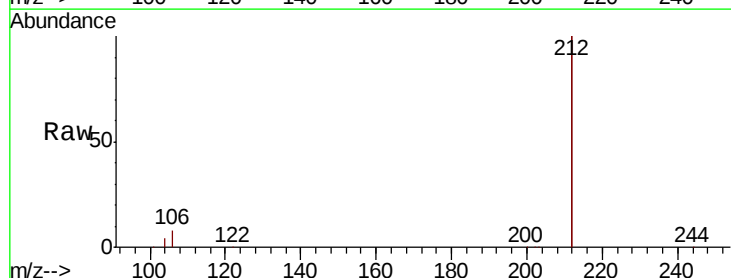
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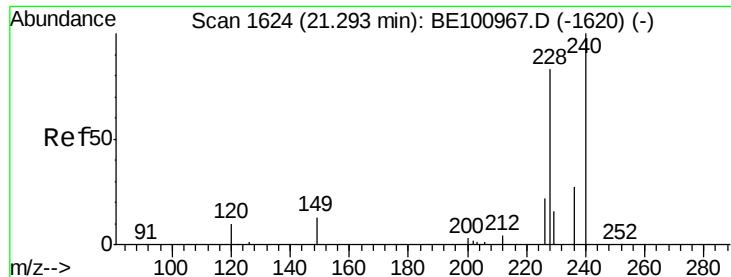
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#25
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

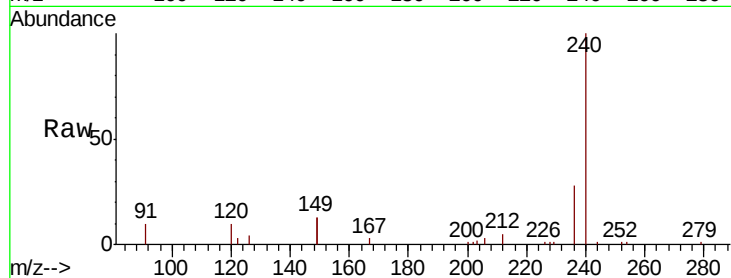
ClientSampleId :

KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.2	15.4#
236	28.3	22.6	34.0

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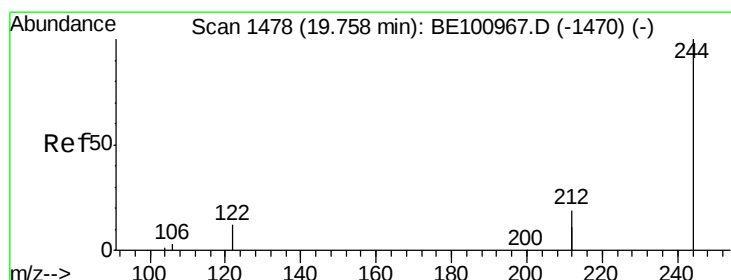
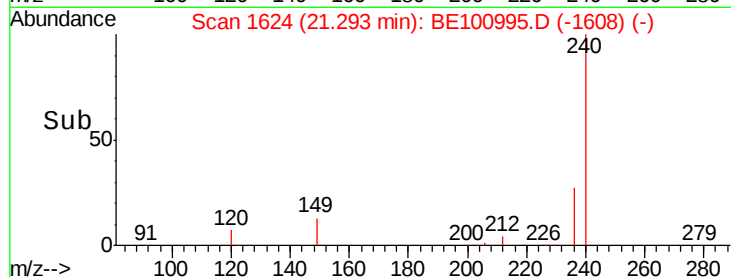
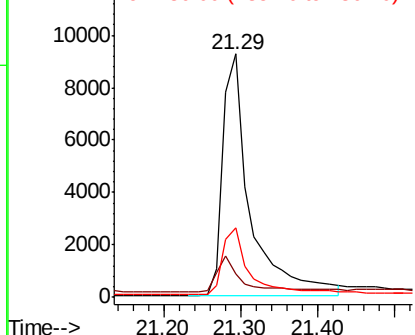


Abundance

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



#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

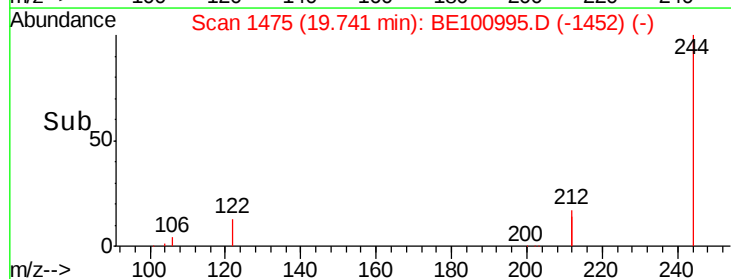
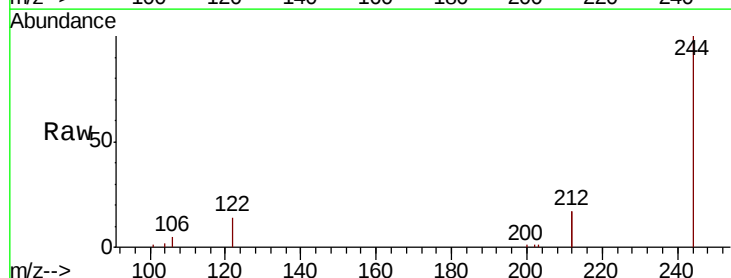
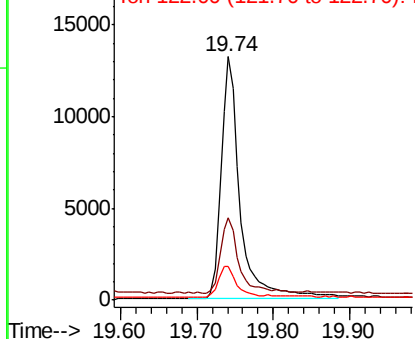
Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.0	29.3	43.9
122	13.6	10.2	15.4

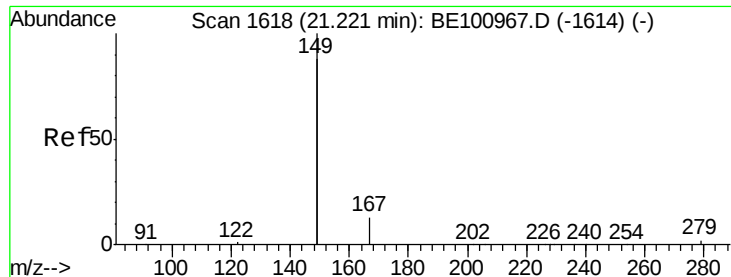
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





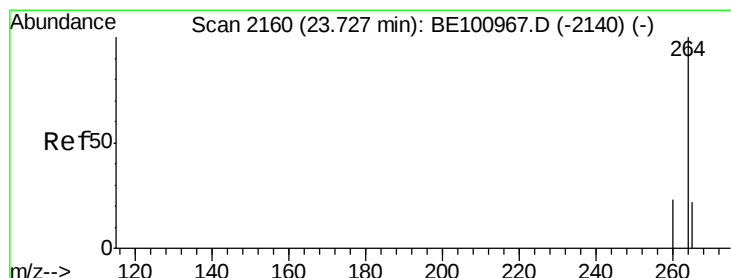
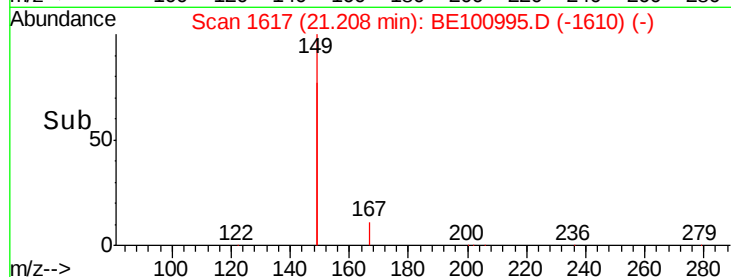
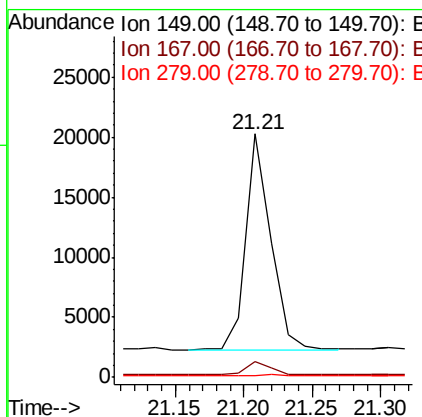
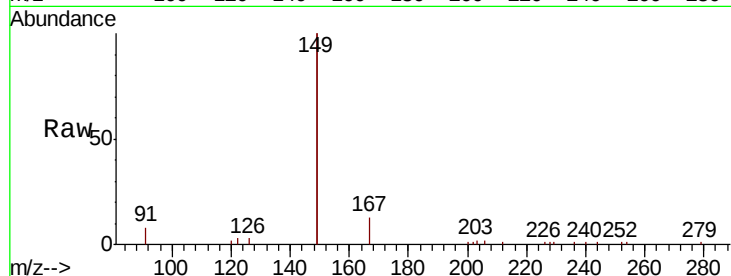
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.225 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-191209

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.1	7.7
279	0.9	0.6	1.0

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:27:08 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	28.6	26.6	40.0

