

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100670.D
 Acq On : 23 Oct 2019 20:19
 Operator : JU
 Sample : K5486-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-191021

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:12:14 PM

Quant Time: Oct 24 04:40:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3238	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13607	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8524	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21481	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	31251	0.40	ng	0.00
34) Perylene-d12	23.83	264	36261	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2460	0.25	ng	0.00
5) Phenol-d6	7.01	99	2363	0.17	ng	0.00
8) Nitrobenzene-d5	8.99	82	3988	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7612	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1248	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11030	0.36	ng	0.00
25) Fluoranthene-d10	19.22	212	111124	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	27295	0.40	ng	0.00
Target Compounds						
23) Phenanthrene	17.23	178	1283m	0.022	ng	Qvalue
26) Fluoranthene	19.25	202	1724	0.022	ng	# 95
28) Pyrene	19.60	202	1770	0.020	ng	95
30) Benzo(a)anthracene	21.34	228	2053	0.020	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.28	149	9667	0.045	ng	100

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

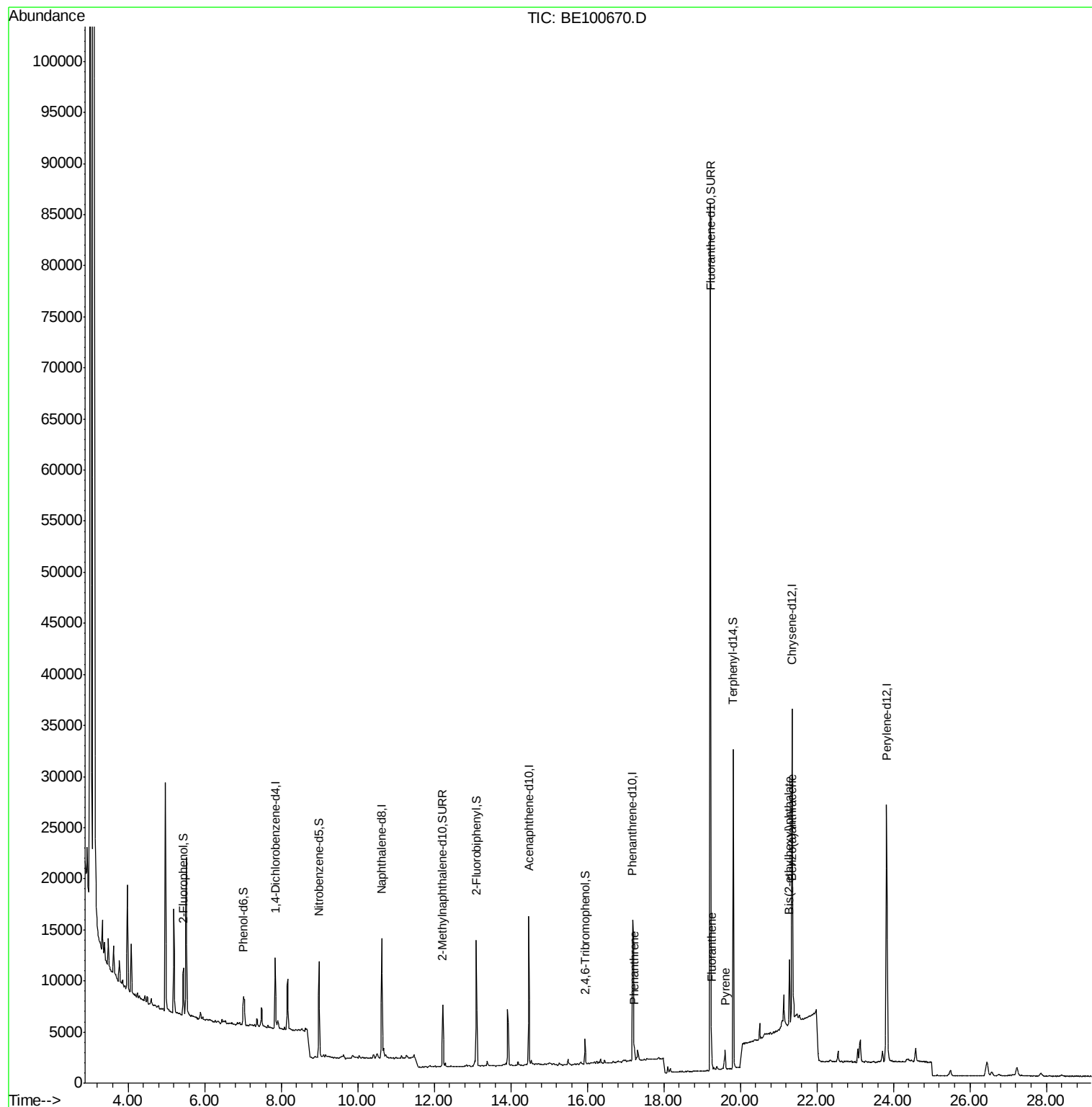
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100670.D
Acq On : 23 Oct 2019 20:19
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#1

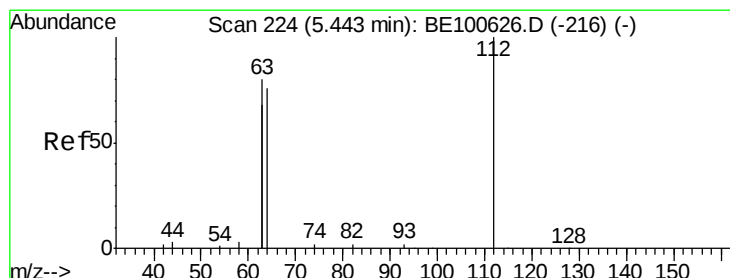
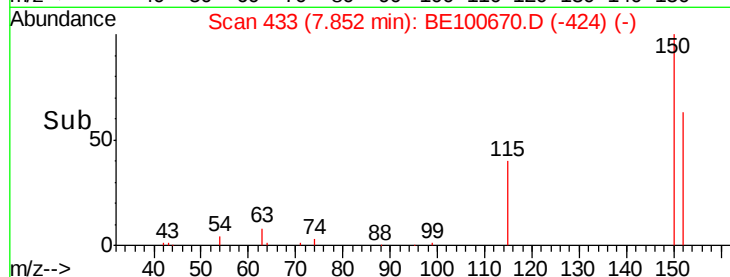
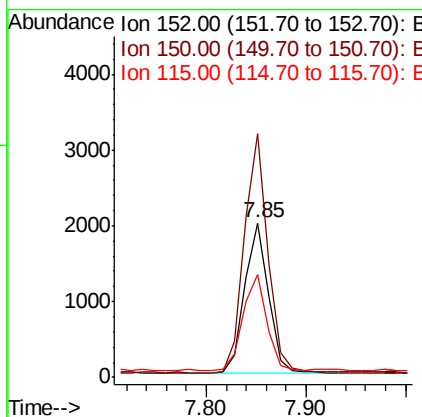
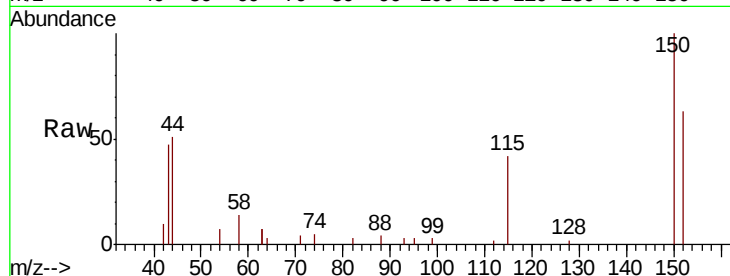
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.3	184.9
115	66.8	51.9	77.9

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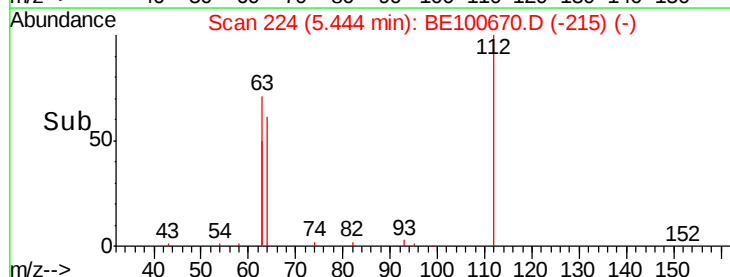
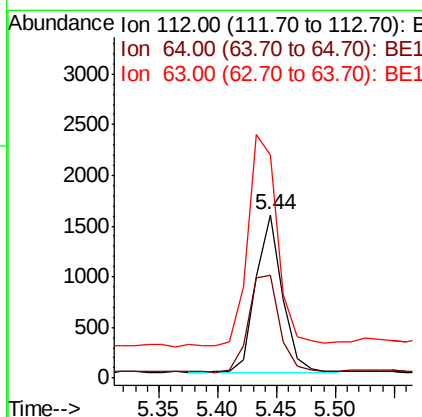
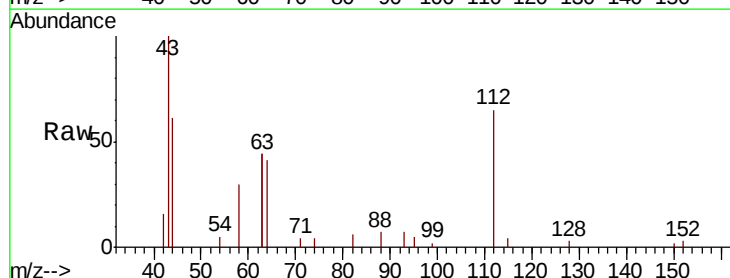
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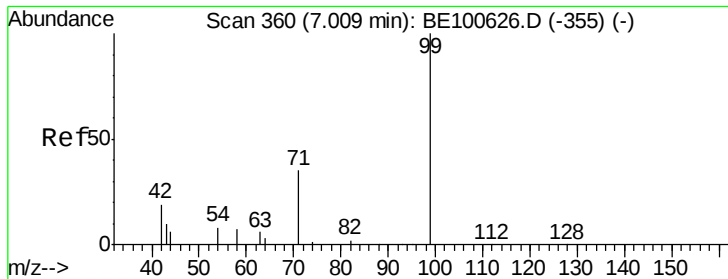


#4

2-Fluorophenol
Concen: 0.246 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.4	83.2
63	150.7	114.2	171.4





#5

Phenol-d6

Concen: 0.168 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100670.D

Acq: 23 Oct 2019 20:19

Instrument :

BNA_E

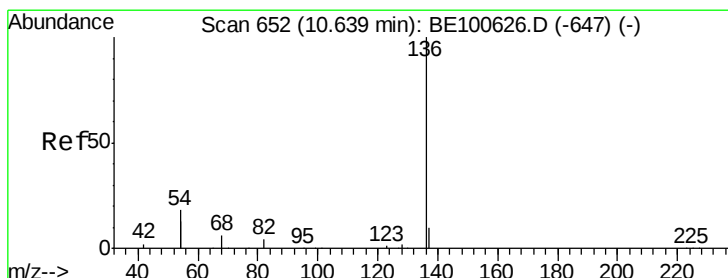
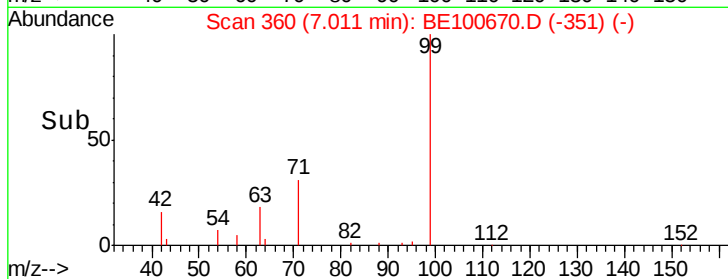
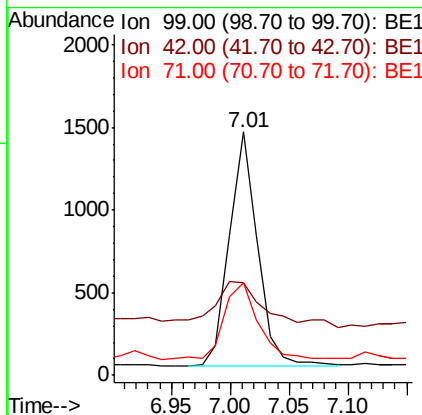
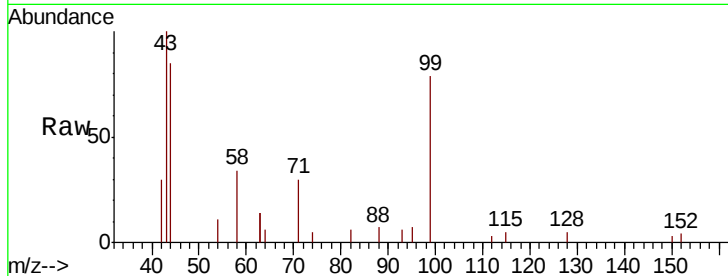
ClientSampleId :

KY038PS027-191021

Tot Ion:	99	Resp:	2363
Ion	Ratio	Lower	Upper
99	100		
42	34.7	17.7	26.5#
71	39.3	27.4	41.0

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#7

Naphthalene-d8

Concen: 0.400 ng

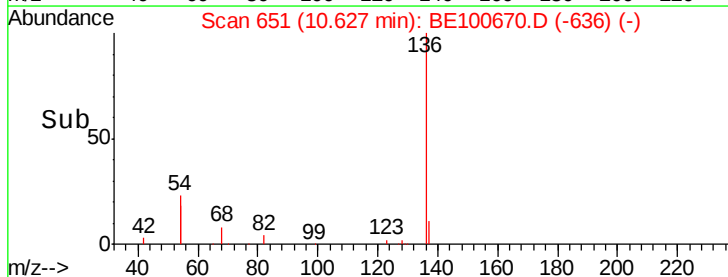
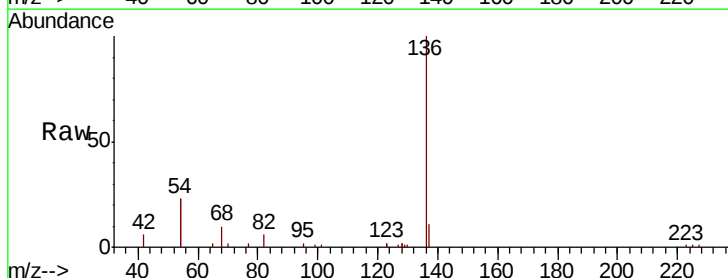
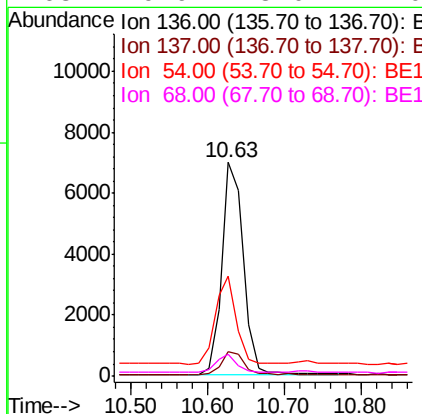
RT: 10.63 min Scan# 651

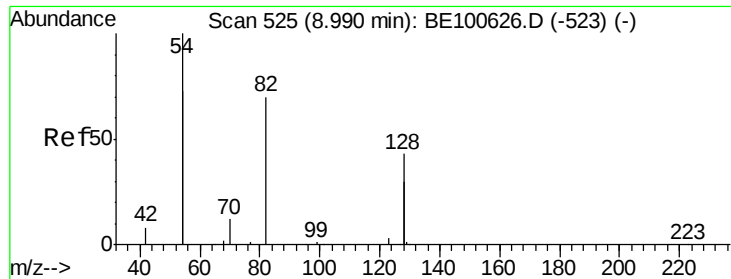
Delta R.T. -0.00 min

Lab File: BE100670.D

Acq: 23 Oct 2019 20:19

Tgt Ion:	136	Resp:	13607
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	46.6	39.4	59.2
68	9.9	8.0	12.0





#8

Nitrobenzene-d5

Concen: 0.473 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100670.D

Acq: 23 Oct 2019 20:19

Instrument :

BNA_E

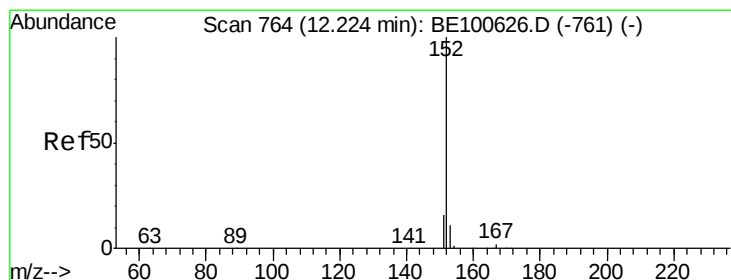
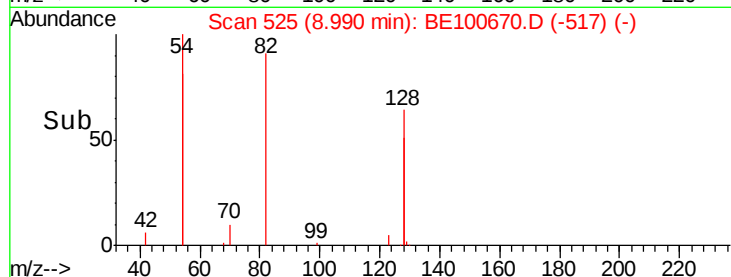
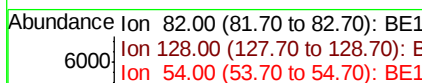
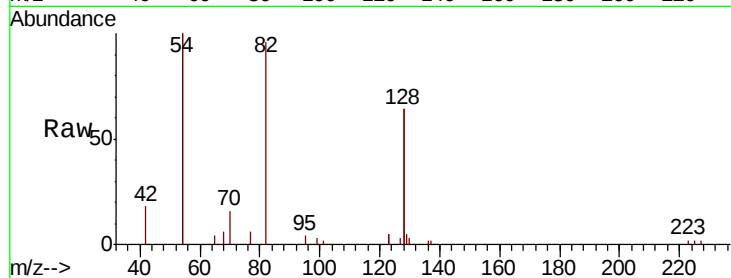
ClientSampleId :

KY038PS027-191021

Tot Ion:	82	Resp:	3988
Ion Ratio	Lower	Upper	
82	100		
128	132.7	107.8	161.8
54	208.2	166.1	249.1

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#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

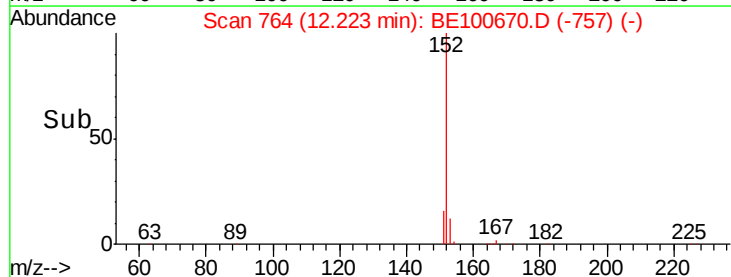
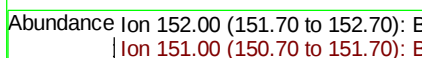
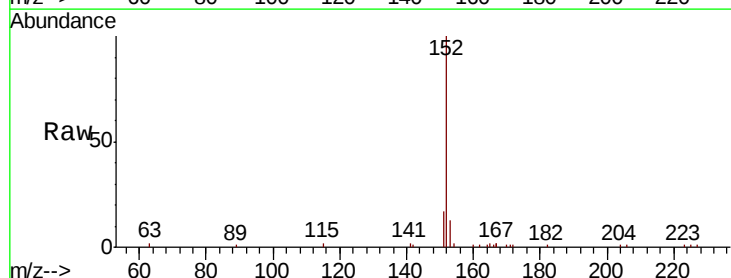
RT: 12.22 min Scan# 764

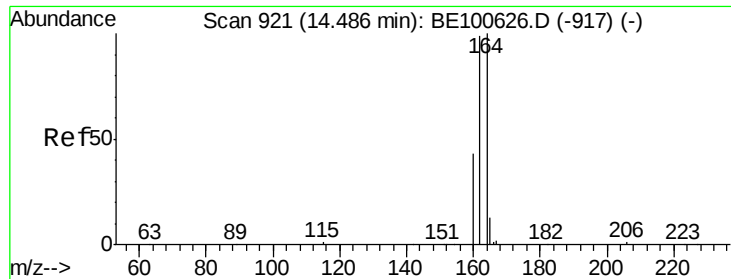
Delta R.T. -0.00 min

Lab File: BE100670.D

Acq: 23 Oct 2019 20:19

Tgt Ion:	152	Resp:	7612
Ion Ratio	Lower	Upper	
152	100		
151	19.1	14.7	22.1





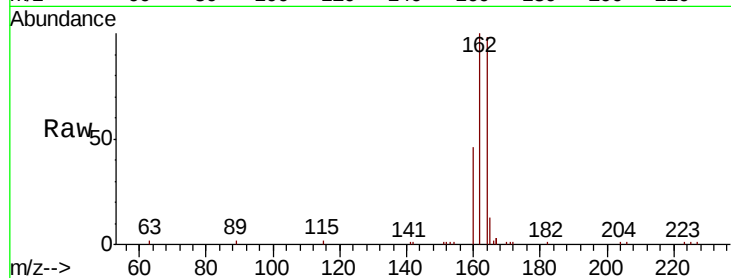
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.0	123.0
160	46.7	37.5	56.3

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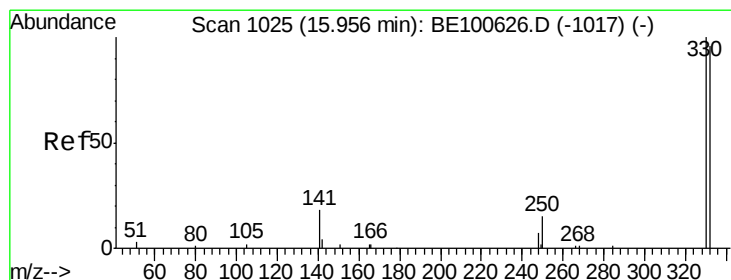
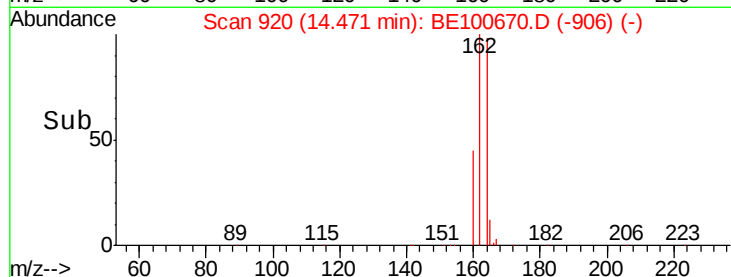
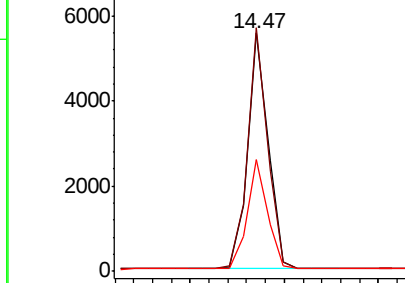


Abundance

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: 0.554 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

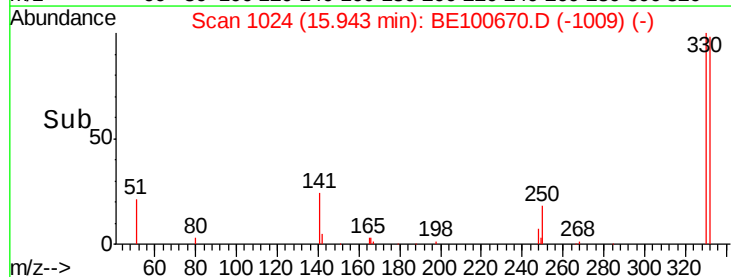
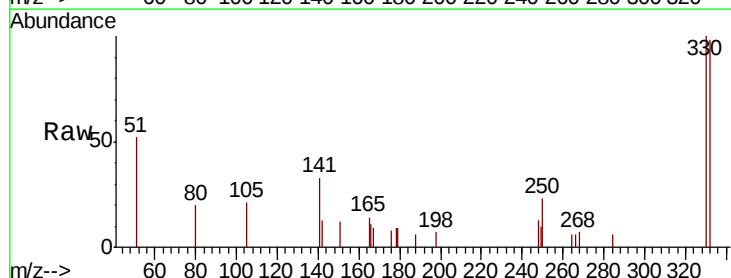
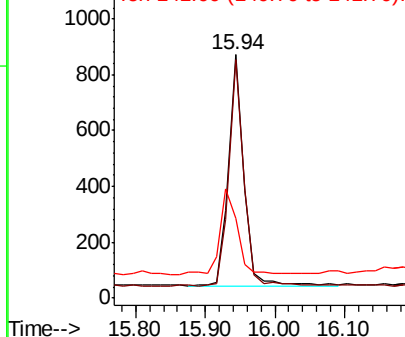
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.9	116.9
141	44.3	33.0	49.6

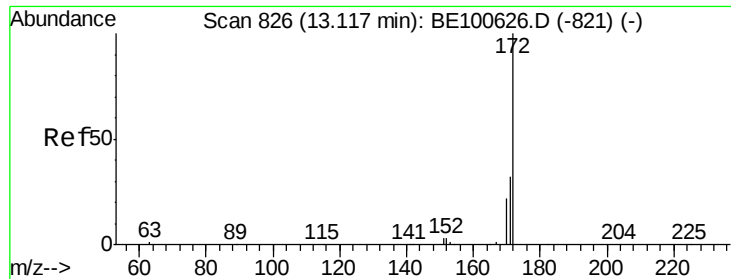
Abundance

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





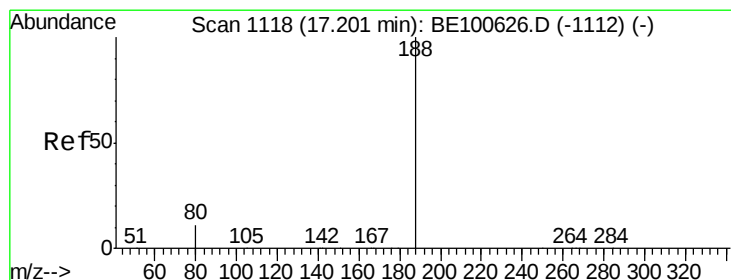
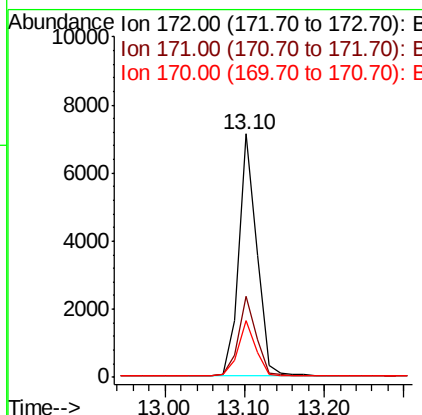
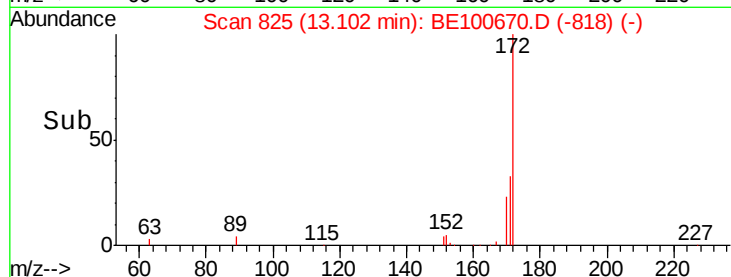
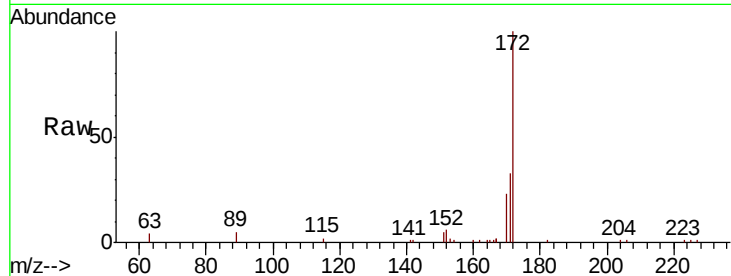
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.5	39.7
170	23.4	19.0	28.4

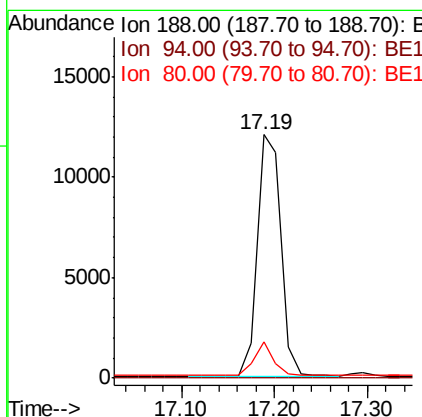
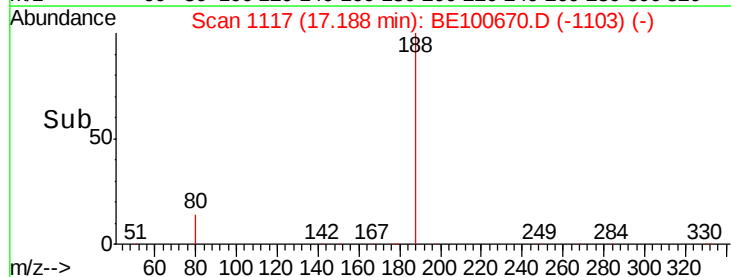
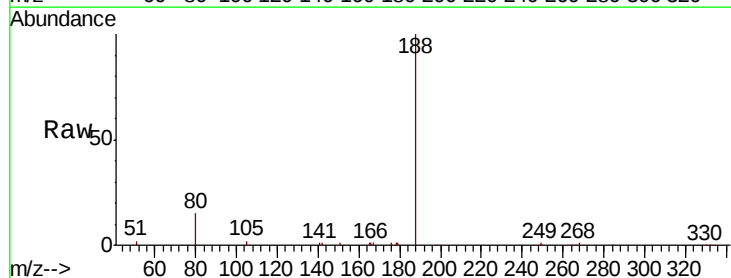
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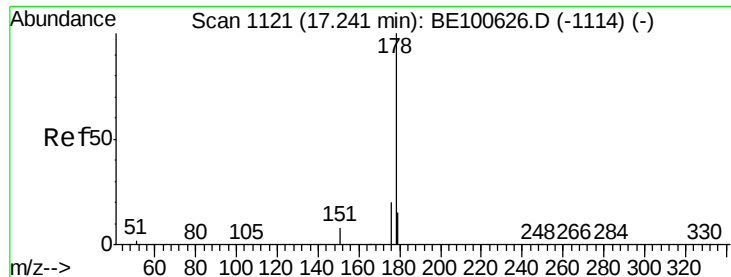
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	5.4	8.0#





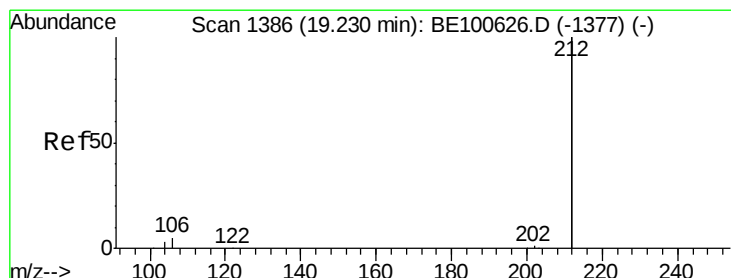
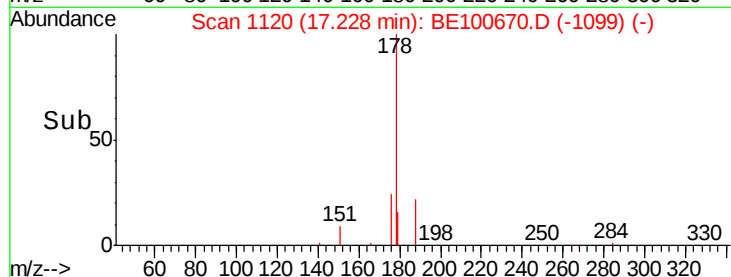
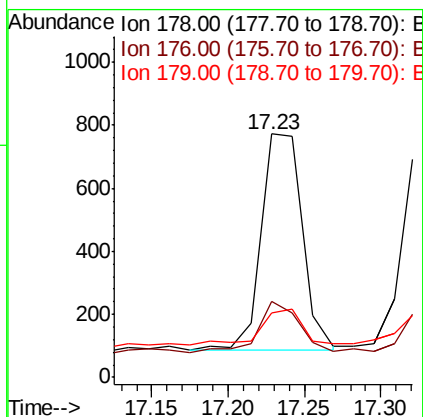
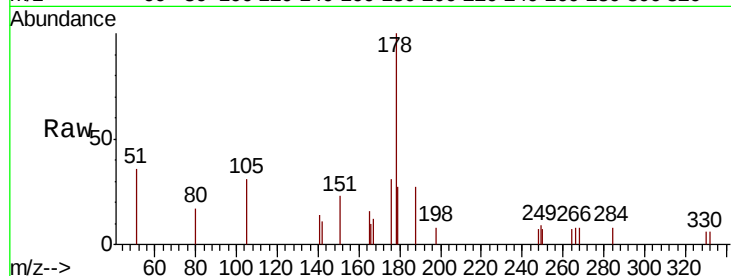
#23
Phenanthrene
Concen: 0.022 ng m
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.1	18.1#

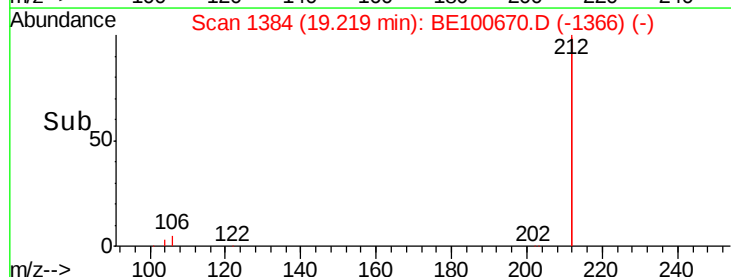
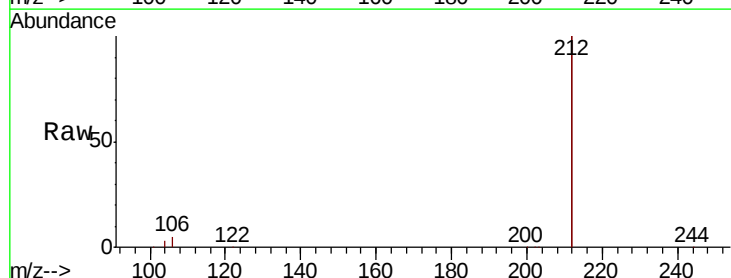
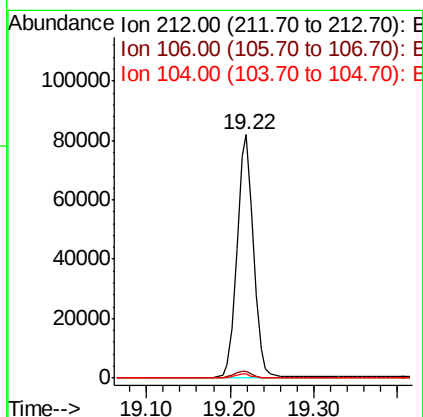
Manual Integrations
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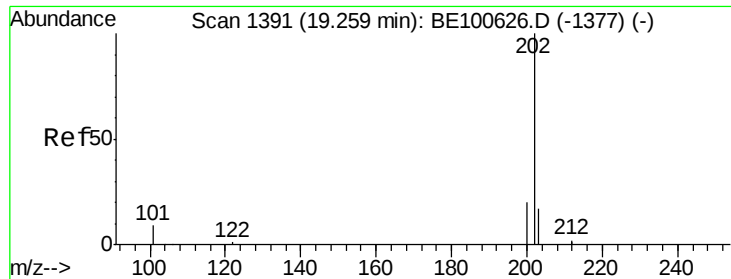
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#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9





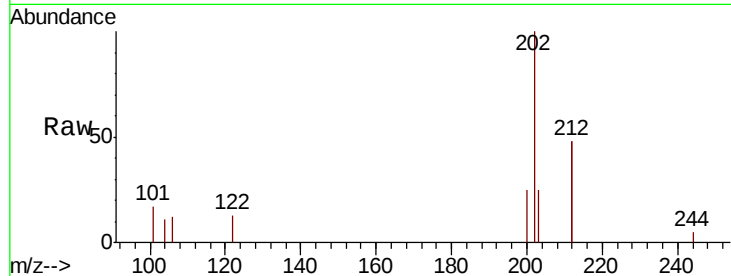
#26
Fluoranthene
Concen: 0.022 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.5	12.7#
203	18.6	13.8	20.8

Manual Integrations
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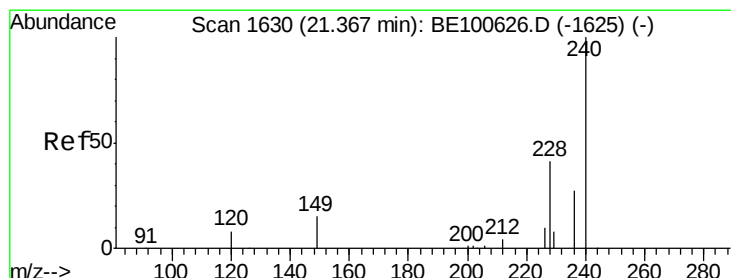
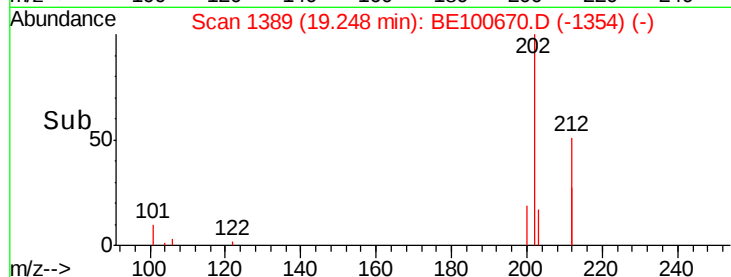
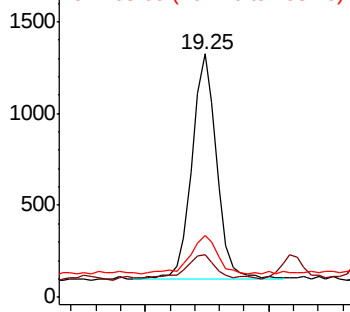


Abundance

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: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

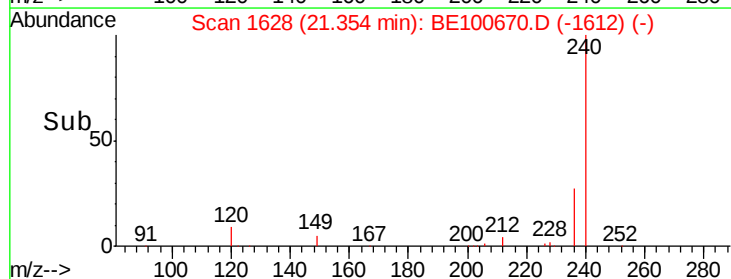
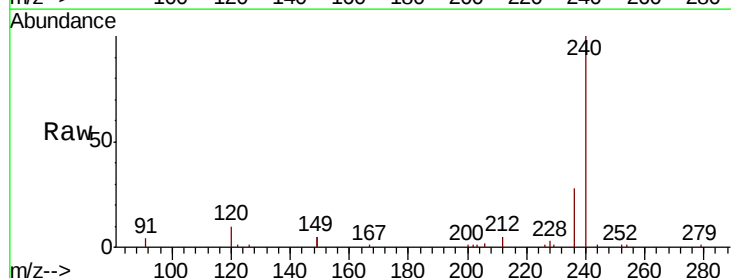
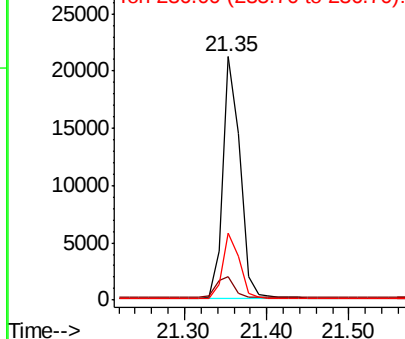
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	27.5	22.1	33.1

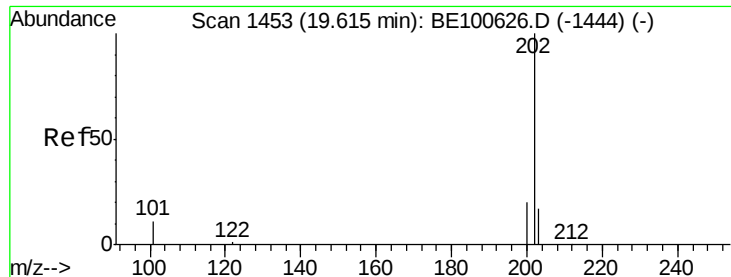
Abundance

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





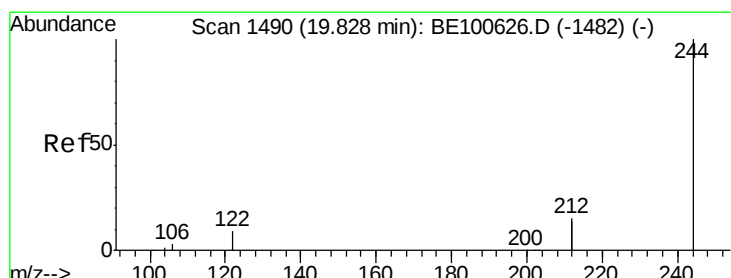
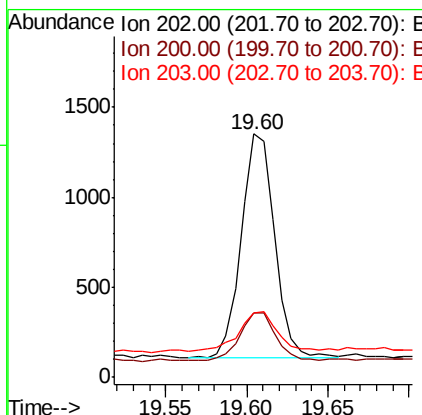
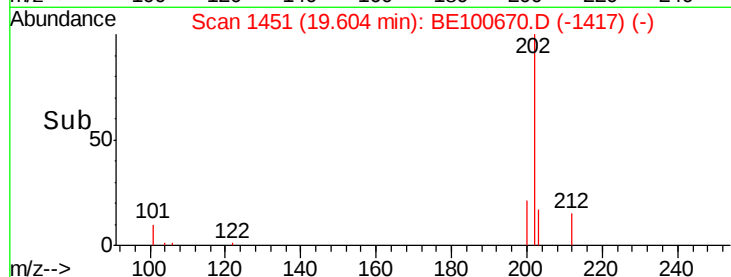
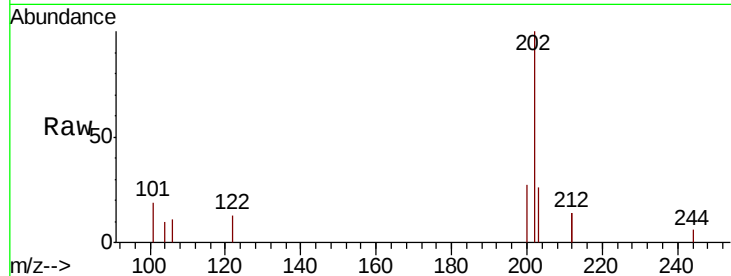
#28
Pvrene
Concen: 0.020 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.7	25.1
203	20.3	14.0	21.0

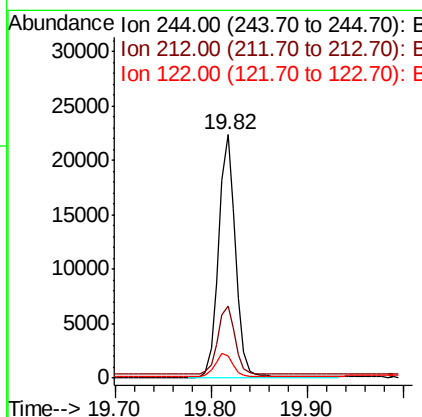
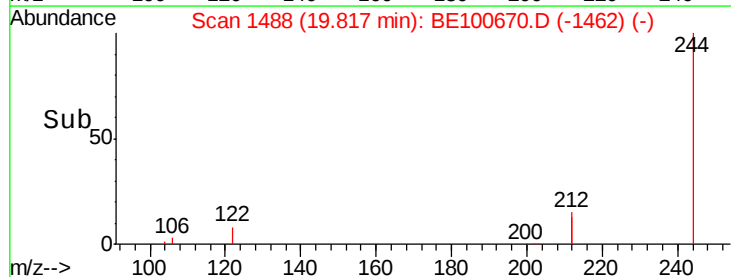
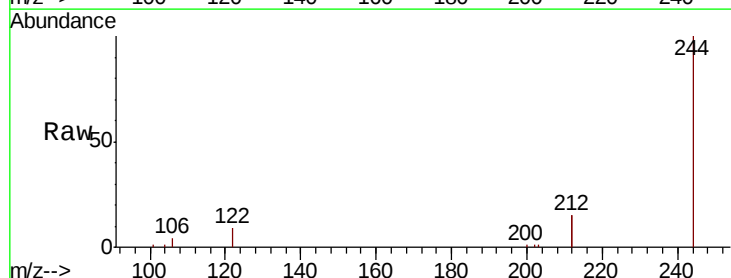
Manual Integrations
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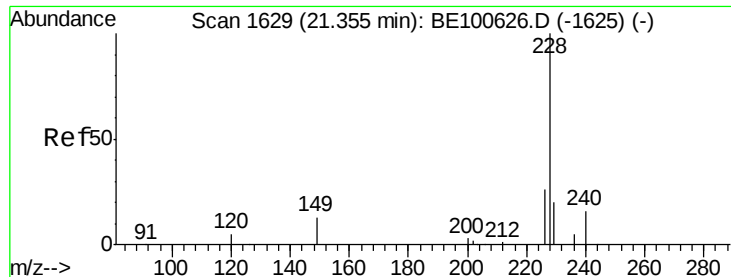
mohammad
10/24/2019 2:12:14 PM



#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.6	23.7	35.5
122	8.9	7.9	11.9





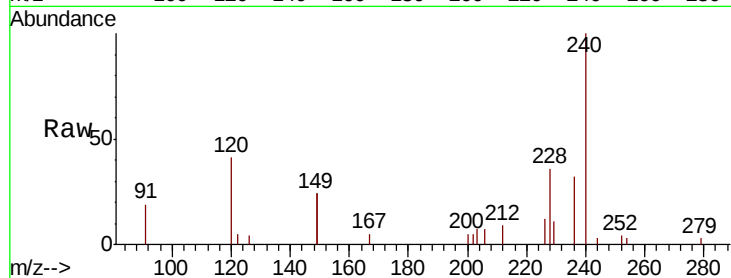
#30
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :
KY038PS027-191021

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	21.4	32.0#
229	29.9	16.0	24.0#

Manual Integrations
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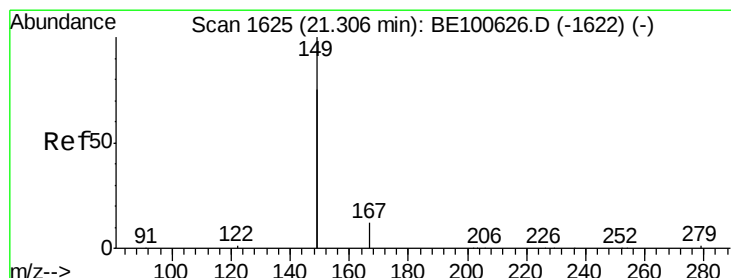
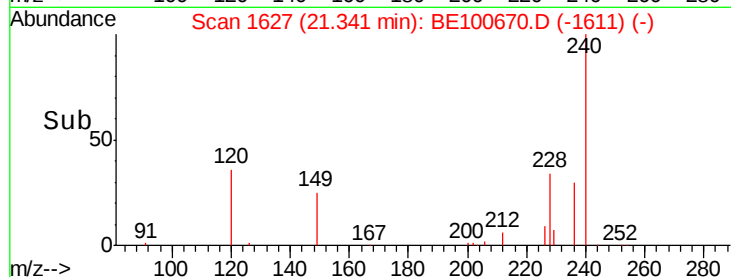
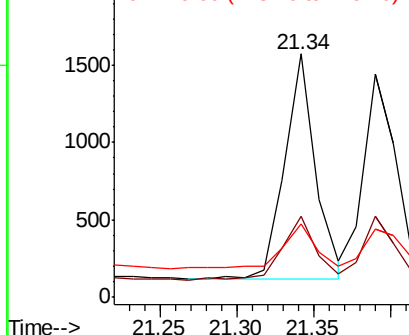


Abundance

Ion 228.00 (227.70 to 228.70): E

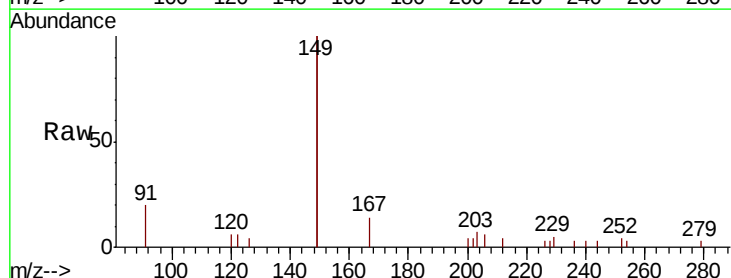
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100670.D
Acq: 23 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.0	0.9	1.3

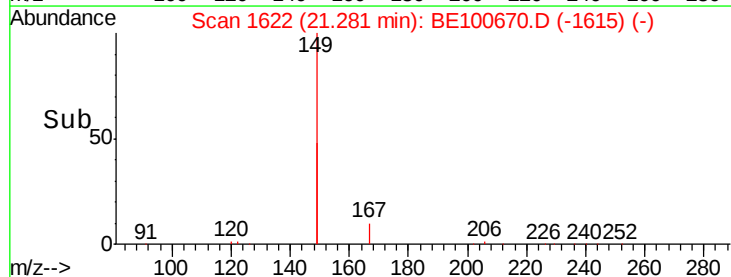
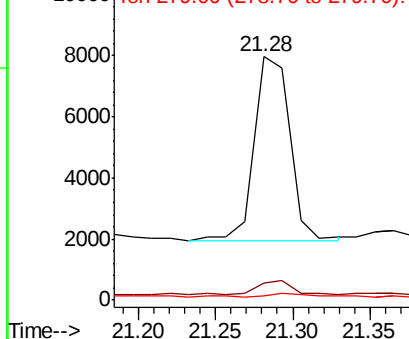


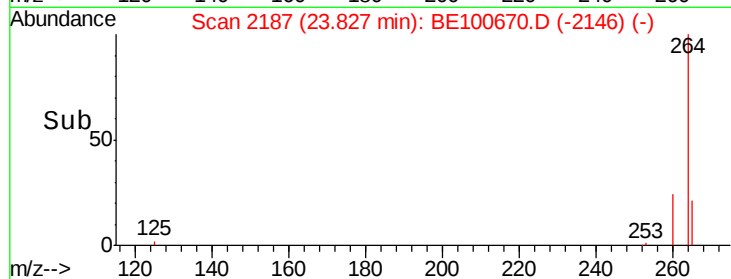
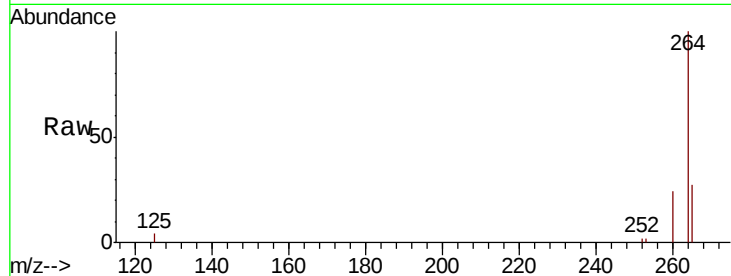
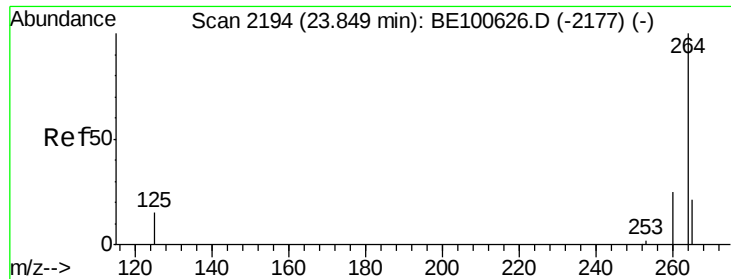
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BE100670.D

Acq: 23 Oct 2019 20:19

Tot Ion:	264	Resp:	36261
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	27.4	21.7	32.5

Instrument :

BNA_E

ClientSampleId :

KY038PS027-191021

Manual Integrations
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