

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099093.D
 Acq On : 22 Mar 2019 23:16
 Operator : JU/SJ
 Sample : K1947-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B100-031219

Manual Integrations
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Sohil
 3/25/2019 12:12:08 PM

Quant Time: Mar 23 01:41:17 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 23 00:46:37 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3248	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12380	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	7931	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	21991	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32319	0.40	ng	0.00
34) Perylene-d12	23.90	264	38067	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	4393	0.45	ng	0.00
5) Phenol-d6	7.00	99	6172	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	3631m	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8438	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1350	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12603	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	105829	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	18689	0.27	ng	0.00
Target Compounds						
23) Phenanthrene	17.26	178	2486	0.038	ng	Qvalue # 92
26) Fluoranthene	19.27	202	2743	0.030	ng	# 82
28) Pyrene	19.63	202	2844	0.026	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	67394	0.456	ng	98

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

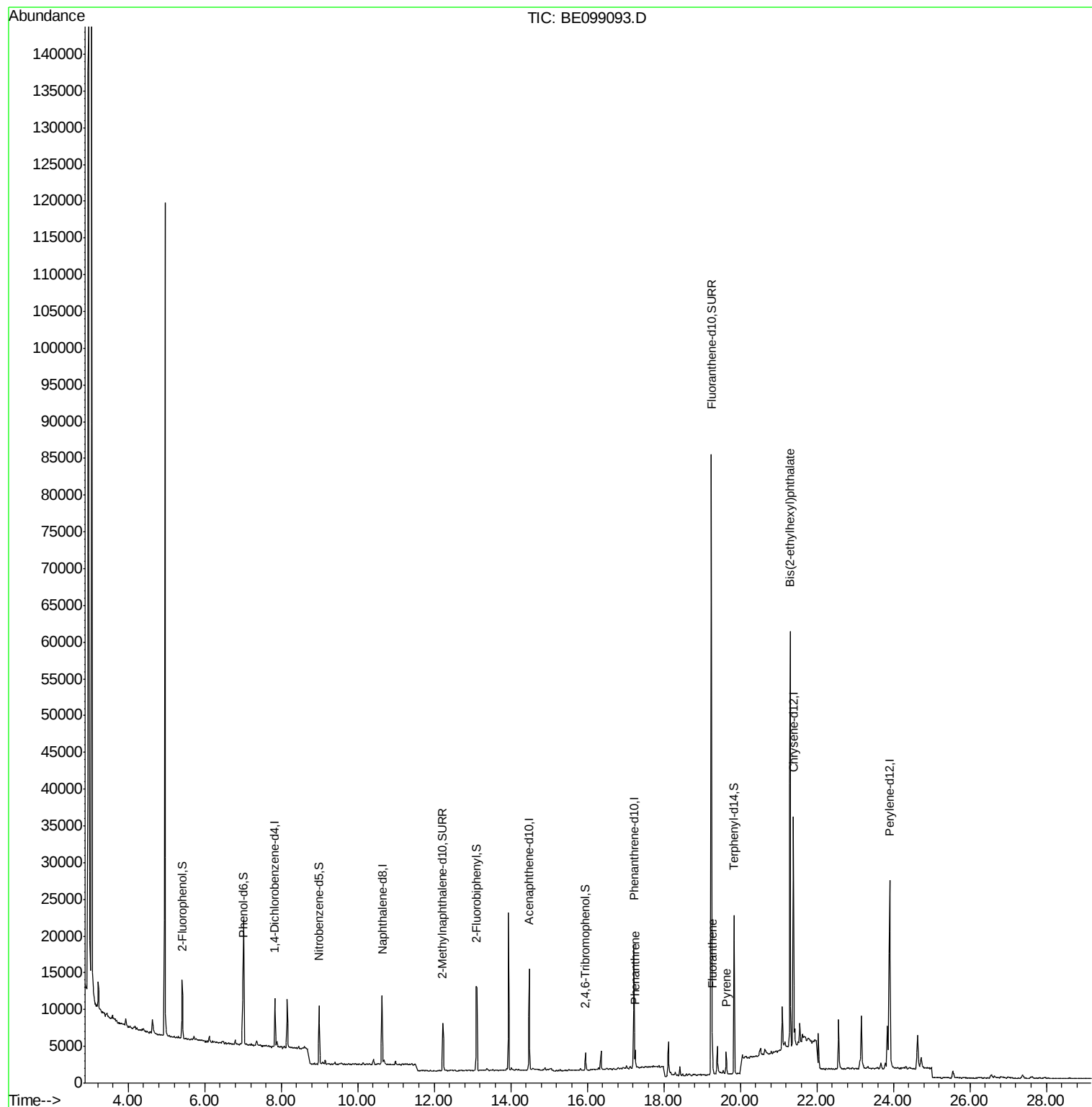
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099093.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

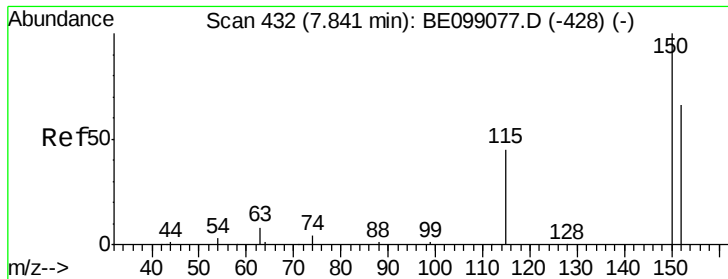
Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
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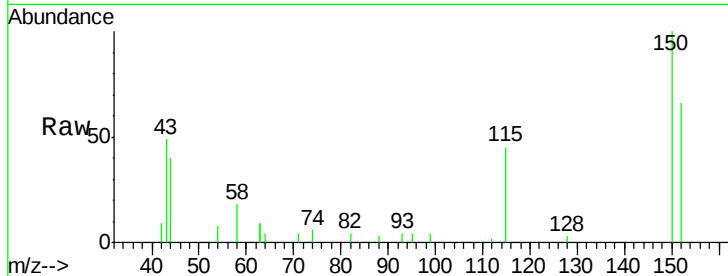




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

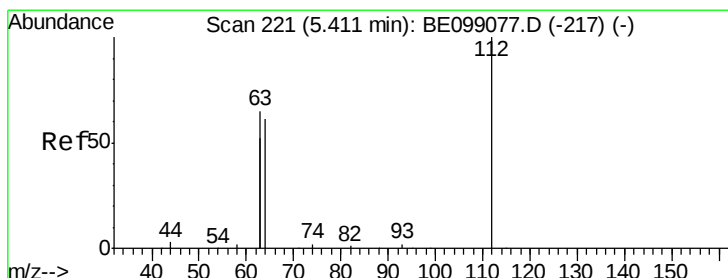
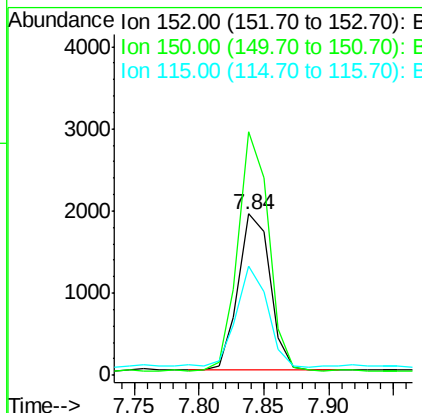
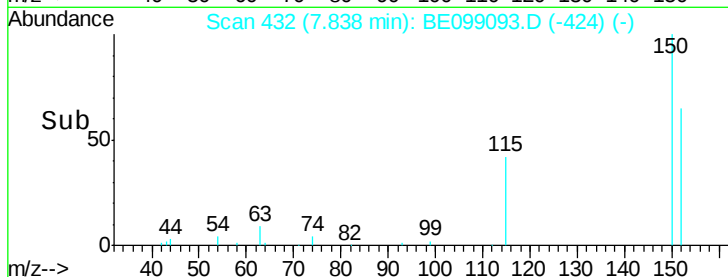
Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219



Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.0	122.5	183.7
115	67.9	57.4	86.2

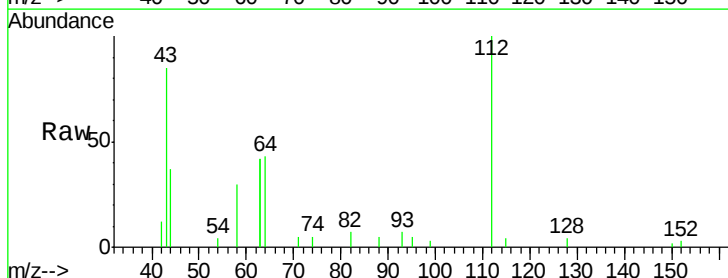
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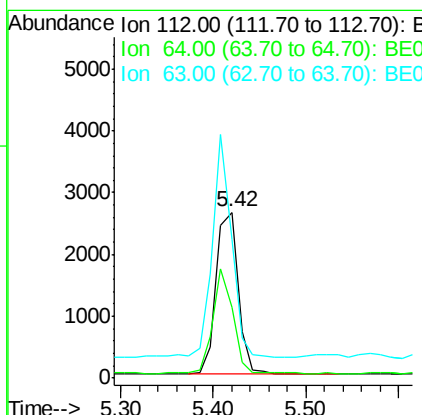
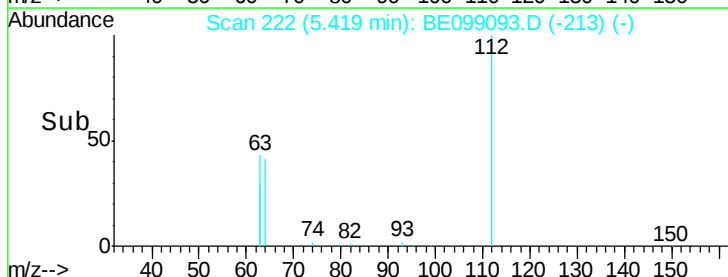


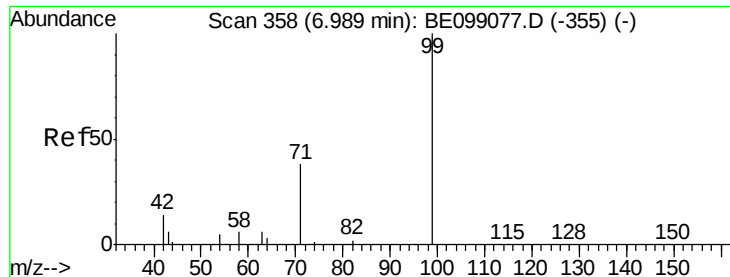
#4

2-Fluorophenol
Concen: 0.454 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16



Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	57.9	86.9
63	118.2	158.3	237.5#





#5

Phenol-d6

Concen: 0.443 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

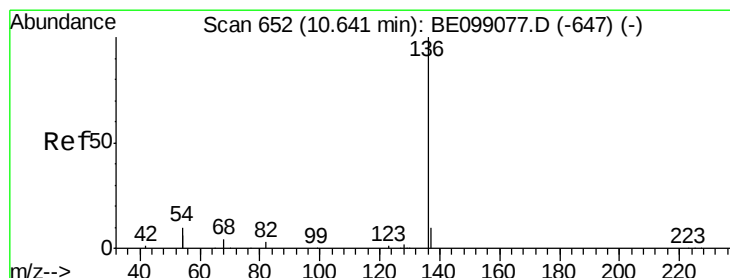
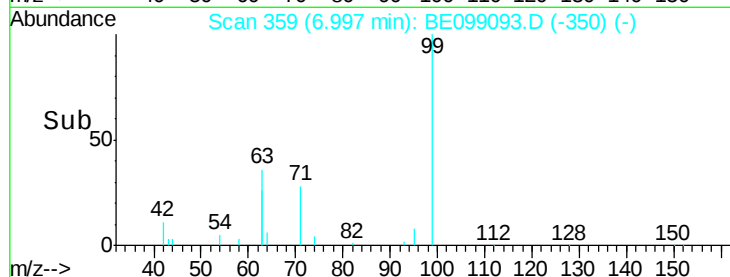
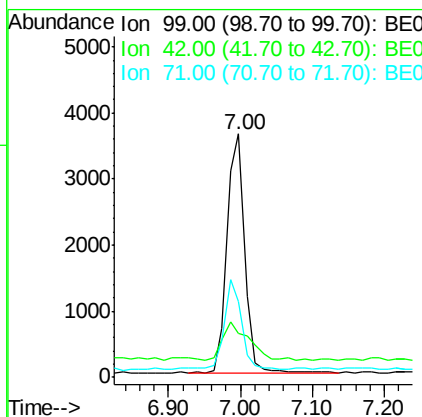
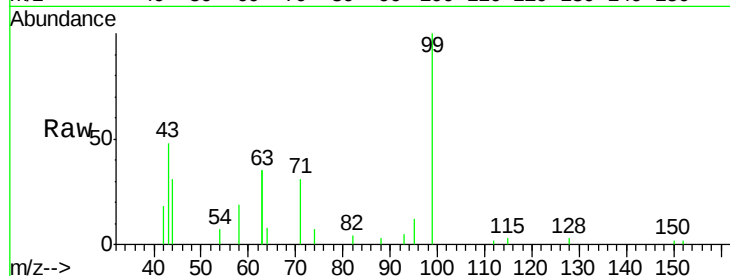
ClientSampleId :

PST-028-B100-031219

Tgt Ion:	99	Resp:	6172
Ion Ratio	Lower	Upper	
99	100		
42	22.5	24.2	36.2#
71	35.9	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

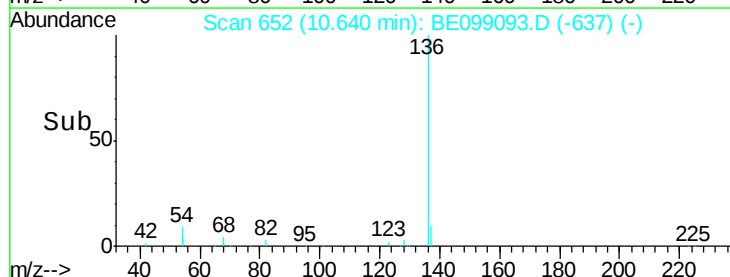
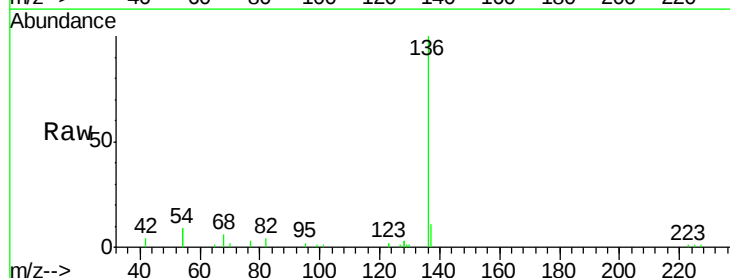
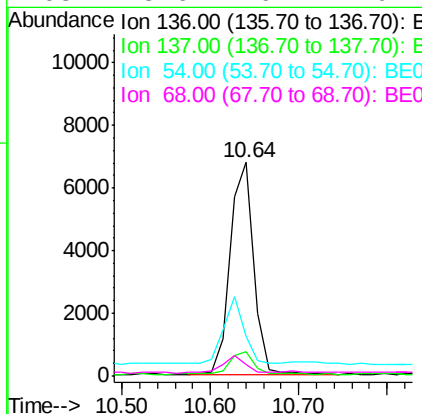
RT: 10.64 min Scan# 652

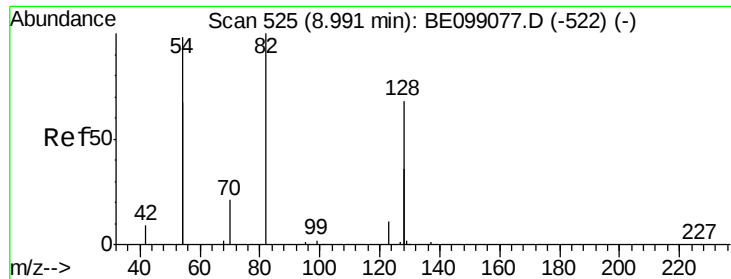
Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Tgt Ion:	136	Resp:	12380
Ion Ratio	Lower	Upper	
136	100		
137	11.3	11.4	17.0#
54	18.7	39.3	58.9#
68	5.6	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.671 ng m

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

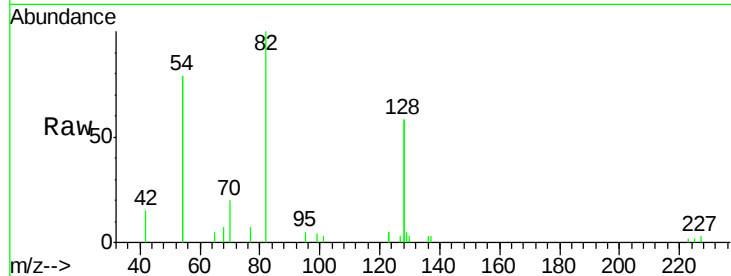
ClientSampleId :

PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
82	100		
128	57.9	123.8	185.8#
54	79.2	203.4	305.2#

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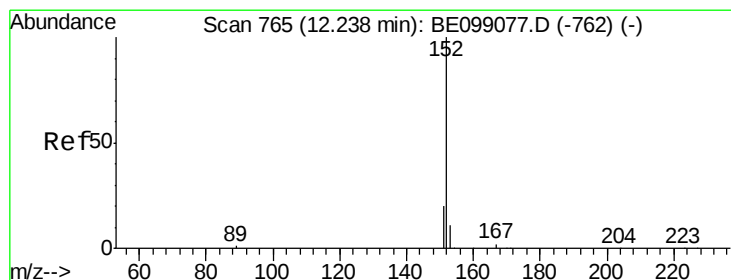
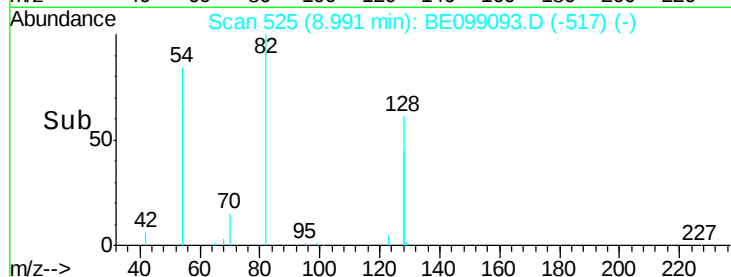
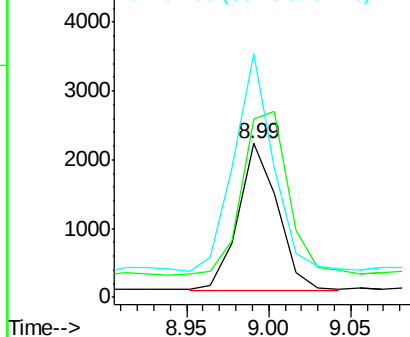
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Abundance Ion 82.00 (81.70 to 82.70): BE099093.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE099093.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE099093.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

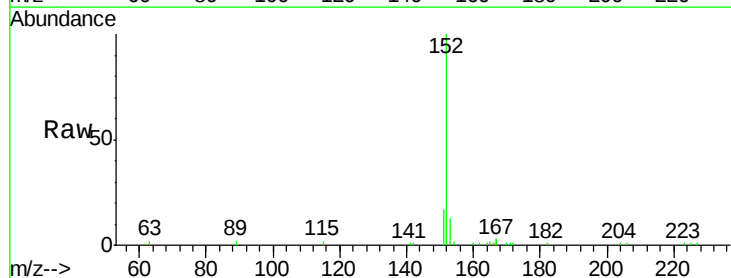
RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099093.D

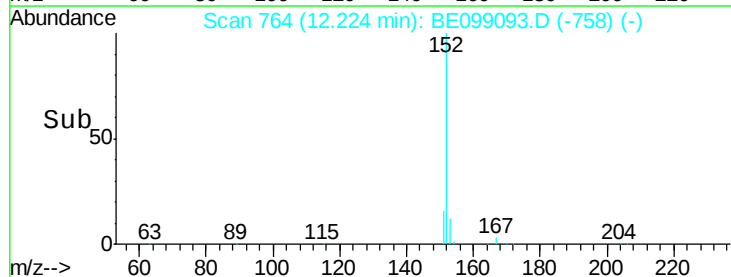
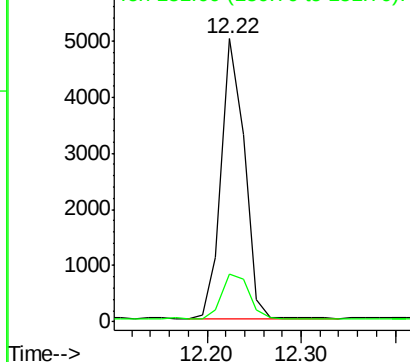
Acq: 22 Mar 2019 23:16

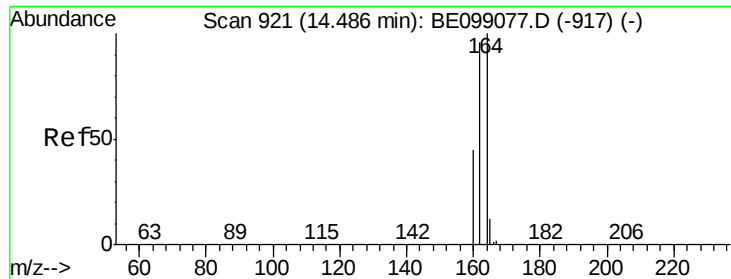
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BE099093.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099093.D (-758) (-)





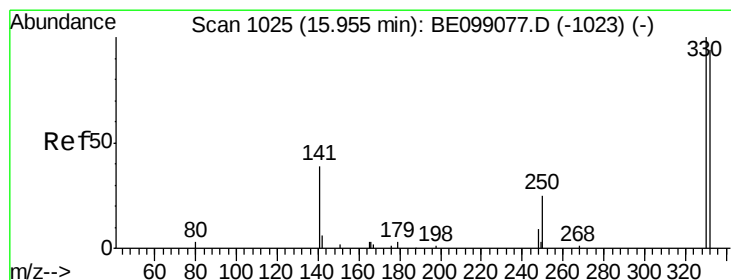
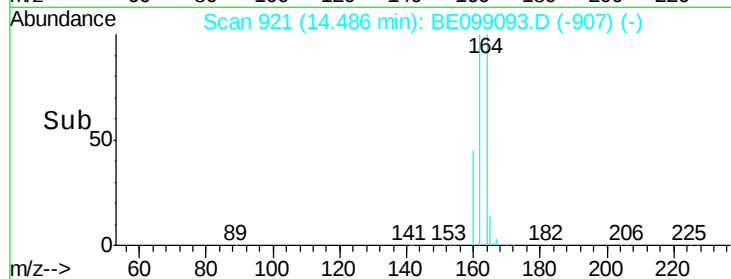
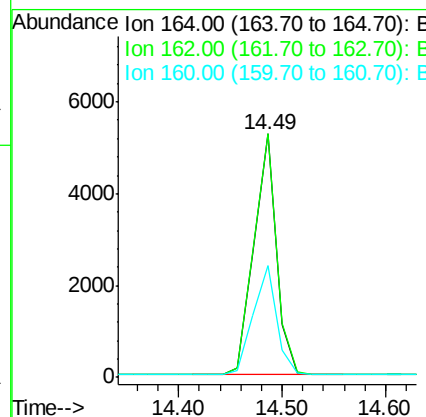
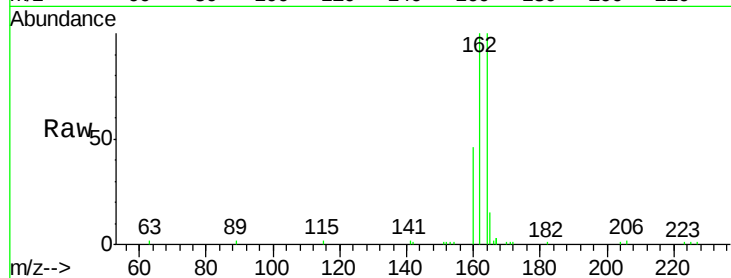
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Instrument :
BNA_E
ClientSampled :
PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	46.1	37.8	56.8

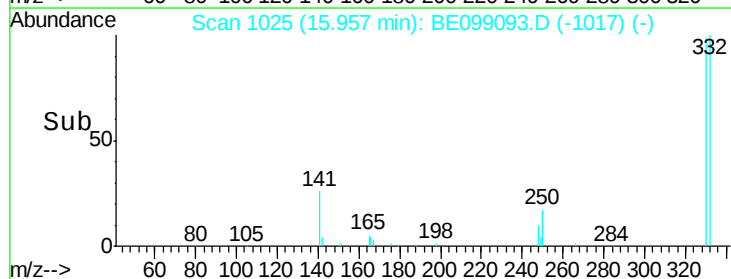
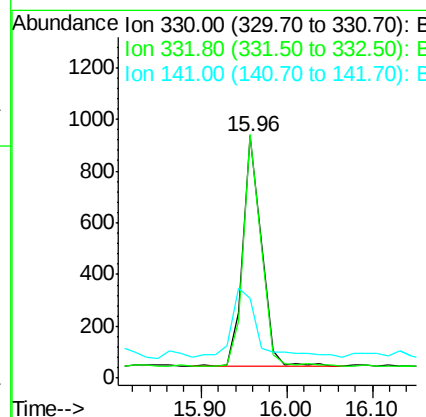
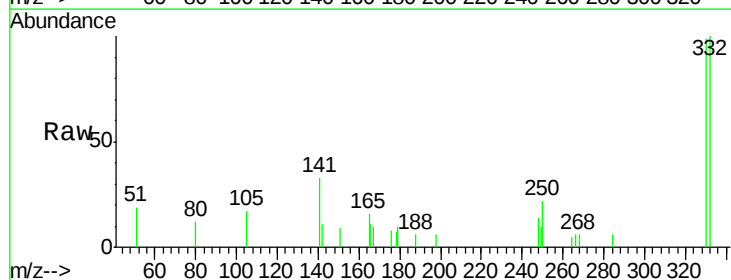
Manual Integrations
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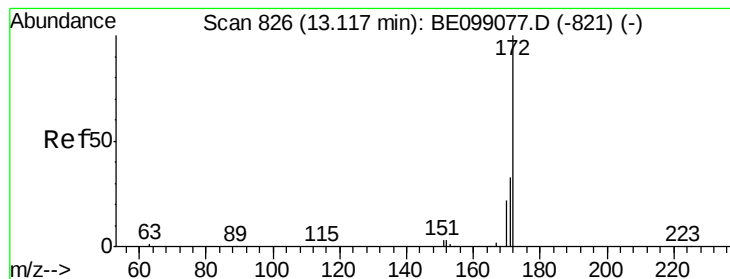
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#14
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	38.7	31.0	46.4





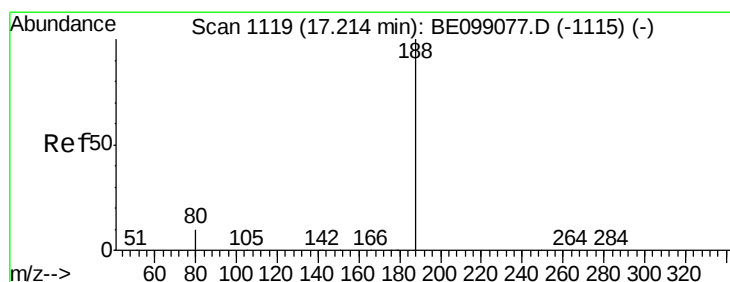
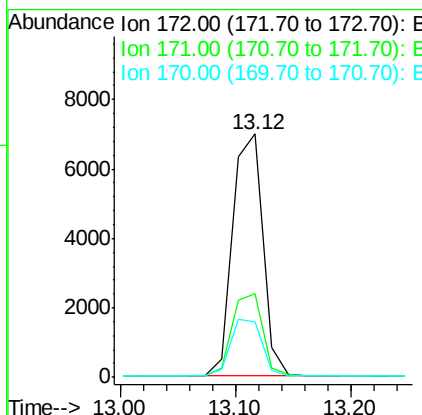
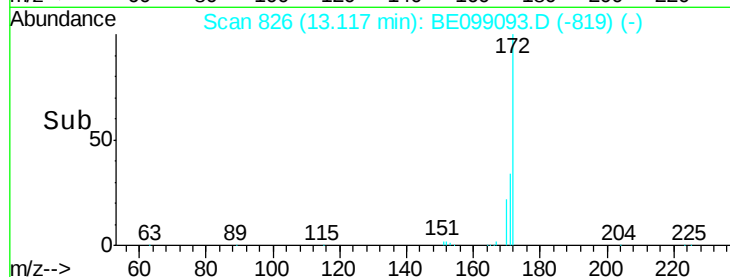
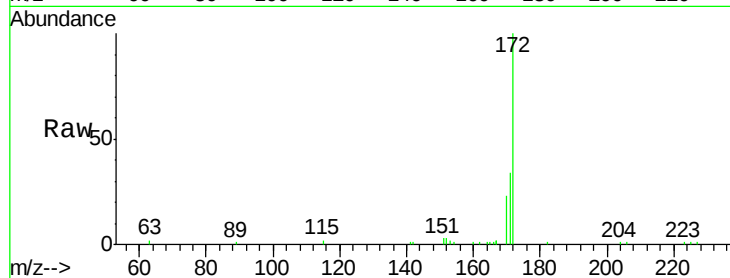
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	22.8	17.7	26.5

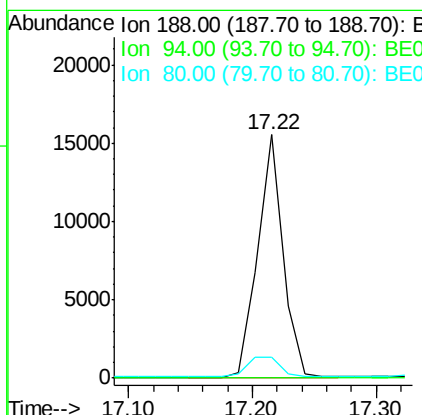
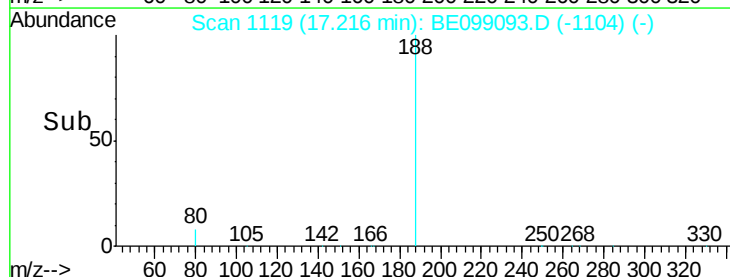
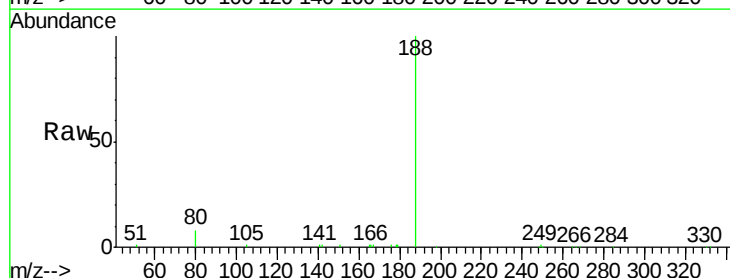
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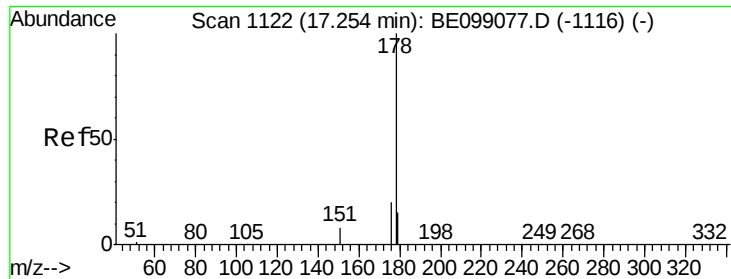
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.3	9.5





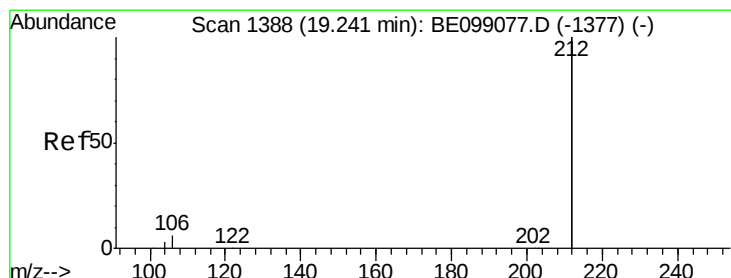
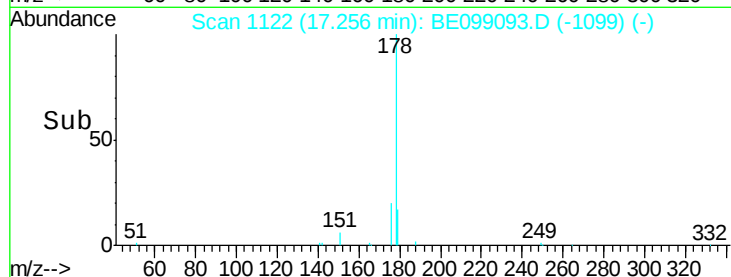
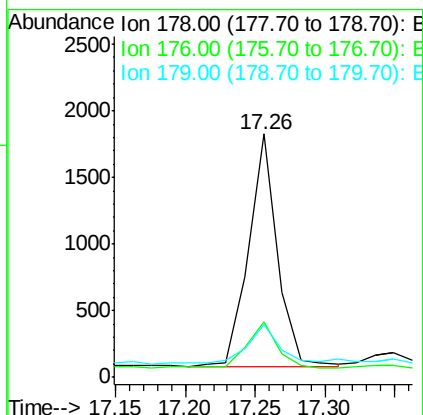
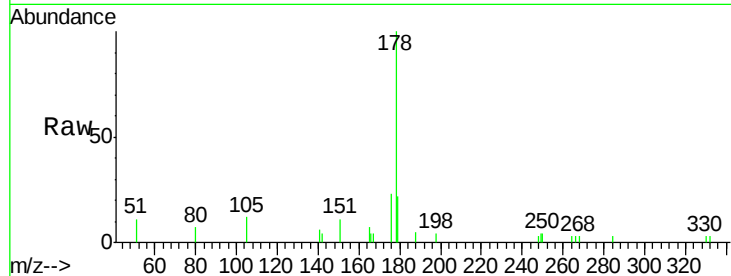
#23
Phenanthrene
Concen: 0.038 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.0	24.0
179	21.1	12.1	18.1

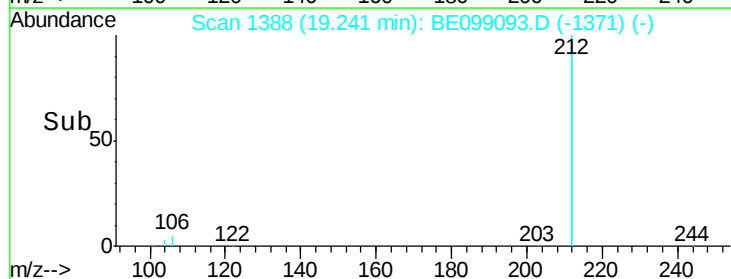
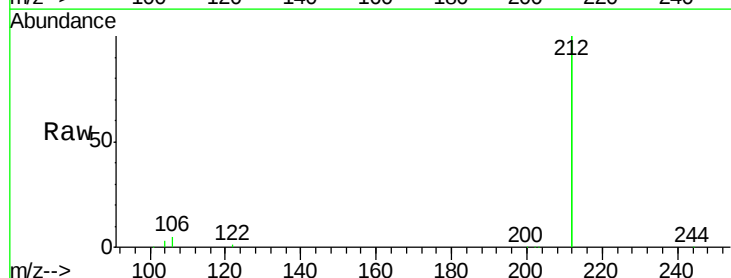
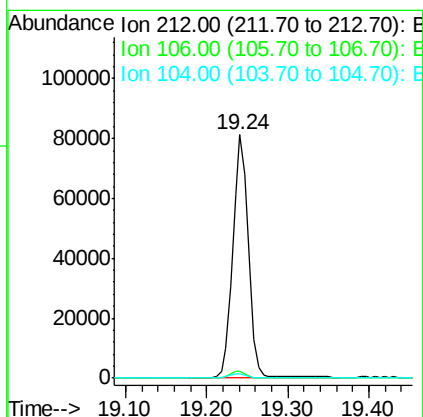
Manual Integrations
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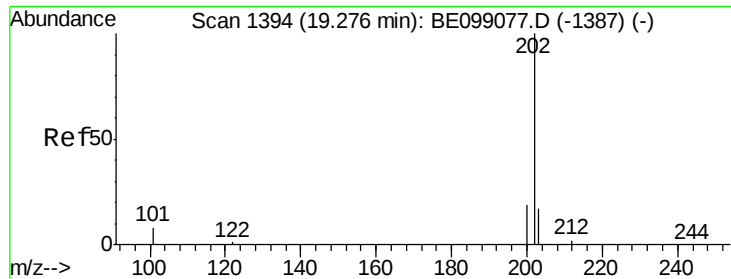
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#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8
104	1.6	1.0	1.6





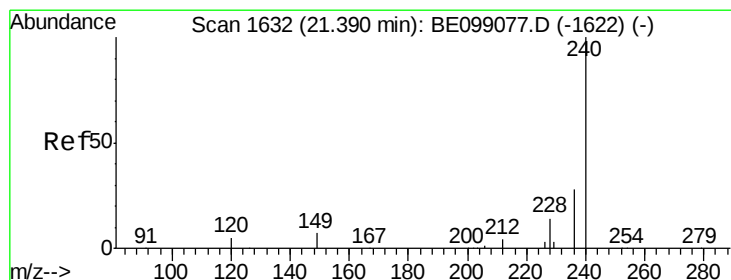
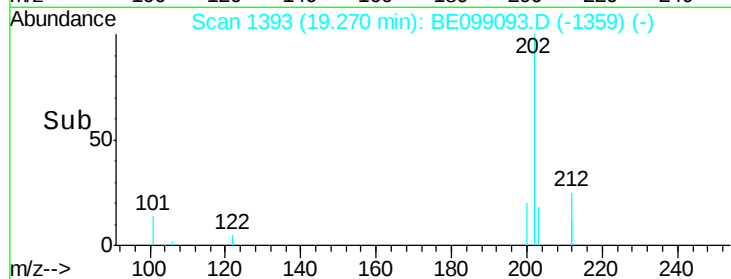
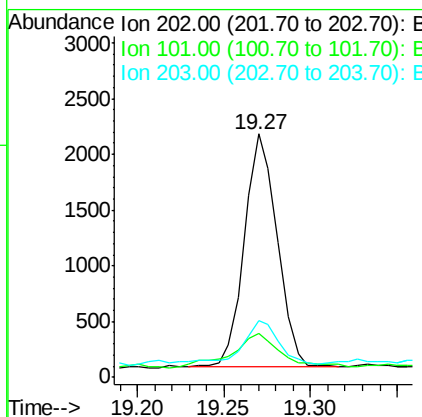
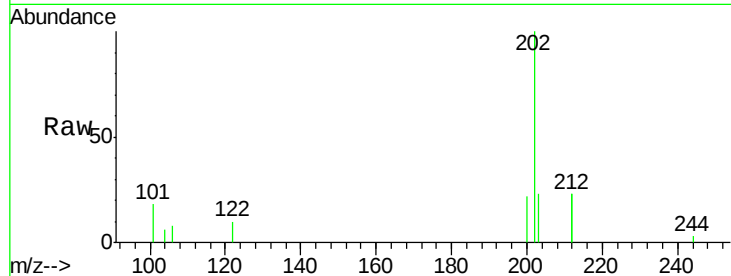
#26
 Fluoranthene
 Concen: 0.030 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.9	7.3	10.9#
203	20.4	13.4	20.2#

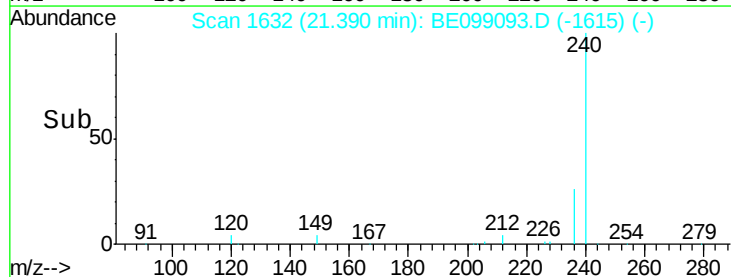
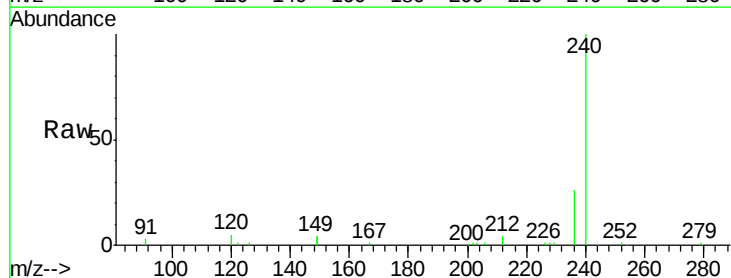
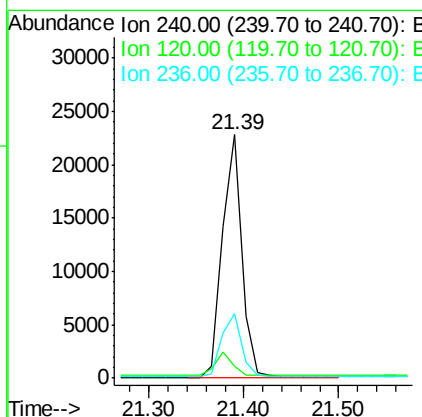
Manual Integrations
 APPROVED

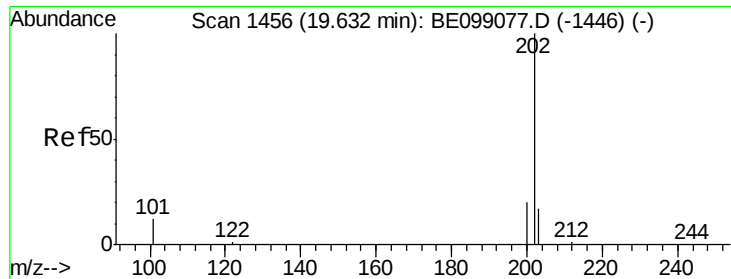
Sohil
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.4
236	26.4	22.7	34.1





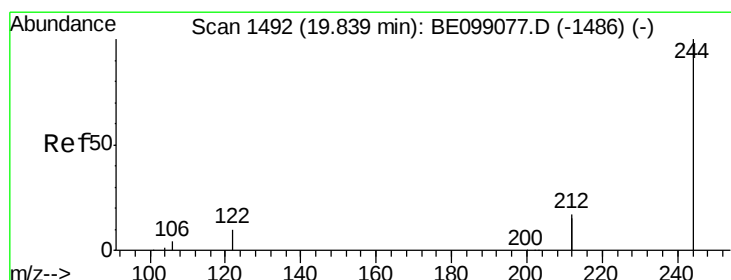
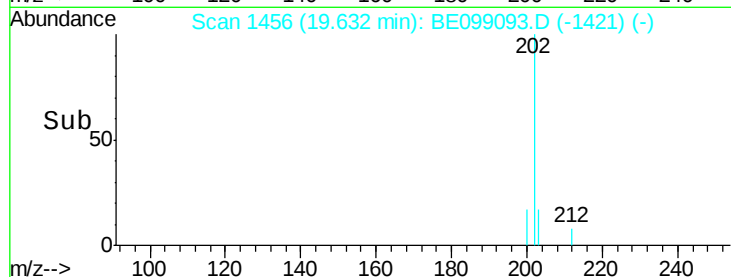
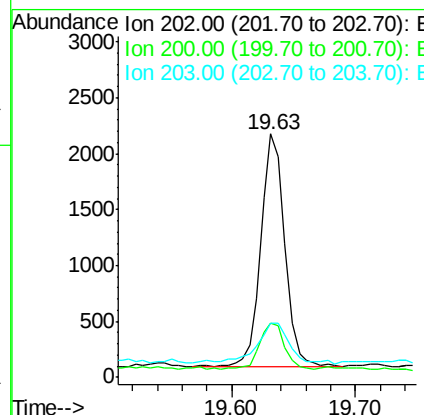
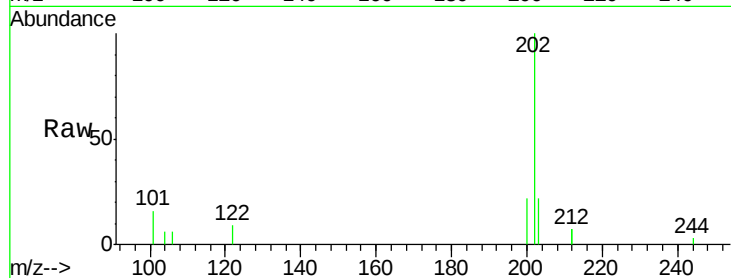
#28
 Pyrene
 Concen: 0.026 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B100-031219

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	22.9	14.2	21.2

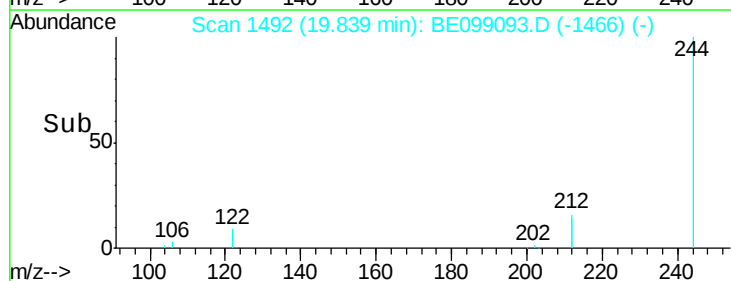
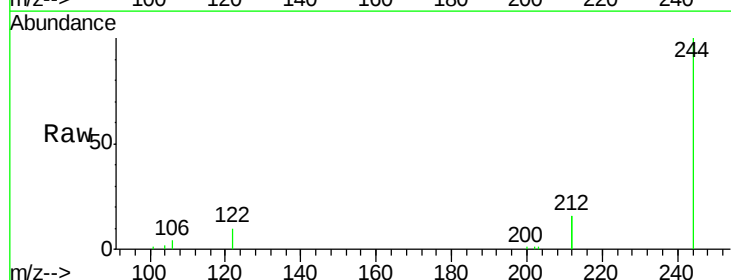
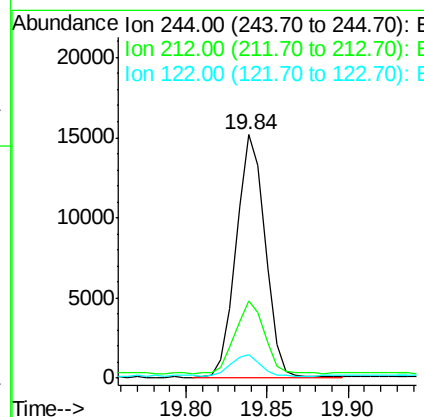
Manual Integrations
 APPROVED

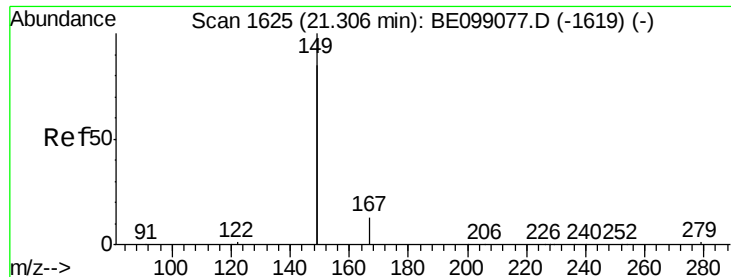
Sohil
 3/25/2019 12:12:08 PM



#29
 Terphenyl-d14
 Concen: 0.273 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.9	29.4	44.2
122	9.6	7.1	10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.456 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

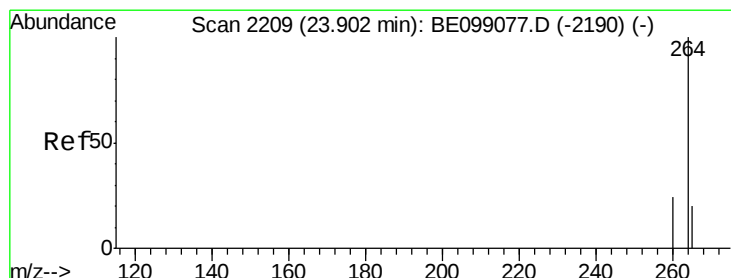
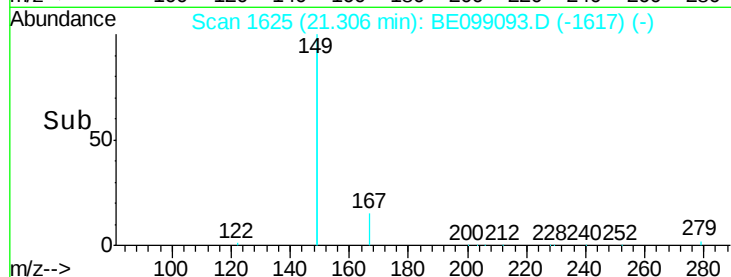
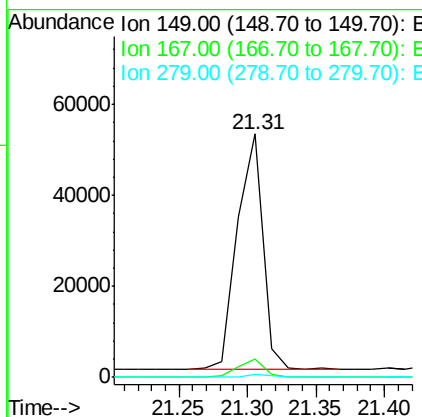
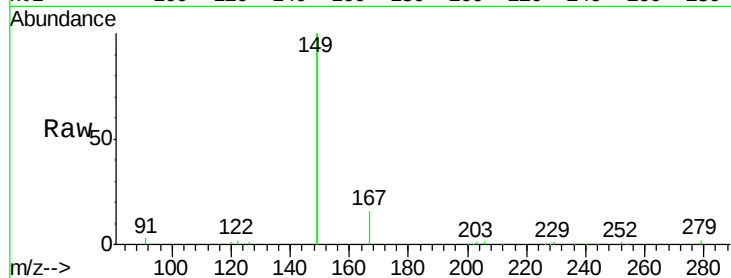
ClientSampleId :

PST-028-B100-031219

Tgt Ion:	149	Resp:	67394
Ion Ratio	Lower	Upper	
149	100		
167	7.3	5.4	8.0
279	1.0	1.0	1.4

Manual Integrations
APPROVED

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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Tgt Ion:	264	Resp:	38067
Ion Ratio	Lower	Upper	
264	100		
260	24.2	21.2	31.8
265	26.9	24.6	36.8

