

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099099.D
 Acq On : 23 Mar 2019 3:03
 Operator : JU/SJ
 Sample : K1947-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B003-031219

Manual Integrations
 APPROVED

Sohil
 3/25/2019 12:12:20 PM

Quant Time: Mar 23 04:05:18 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	3071	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12376	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	8151	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	21692	0.40	ng	0.00
27) Chrysene-d12	21.39	240	33136	0.40	ng	0.00
34) Perylene-d12	23.90	264	37245	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4216	0.46	ng	0.00
5) Phenol-d6	6.99	99	5858	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	3818m	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8022	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1448	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13388	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	97538	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	20765	0.30	ng	0.00
Target Compounds						
23) Phenanthrene	17.25	178	4228	0.066	ng	96
26) Fluoranthene	19.27	202	5599	0.062	ng	# 92
28) Pyrene	19.63	202	5318	0.047	ng	# 94
30) Benzo(a)anthracene	21.37	228	3054	0.026	ng	# 91
31) Chrysene	21.43	228	3514	0.030	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.31	149	26016	0.172	ng	98

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

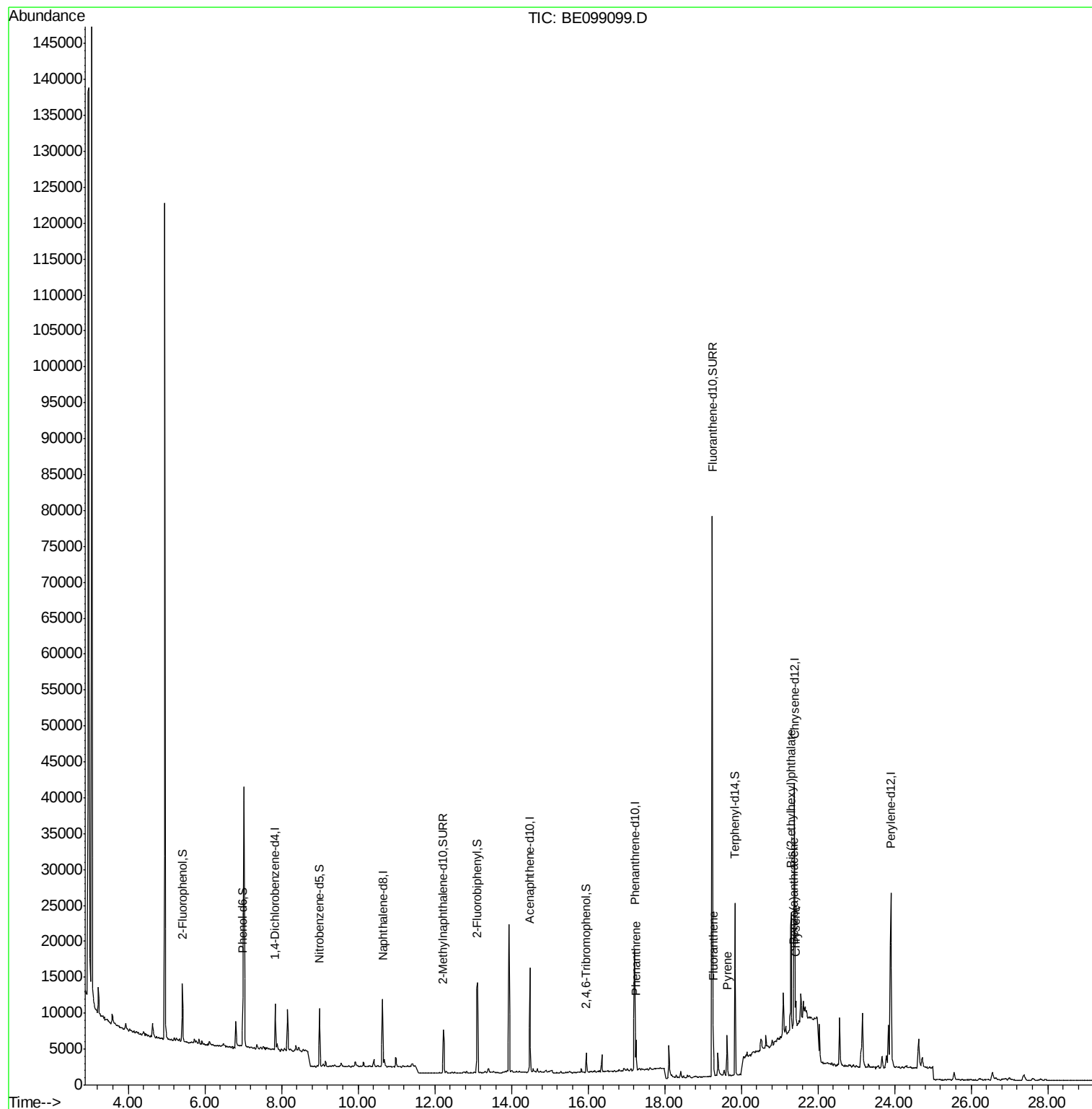
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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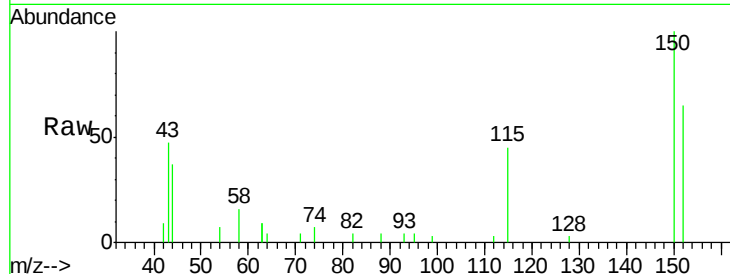




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

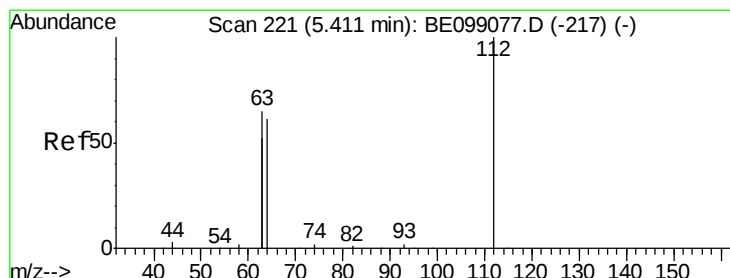
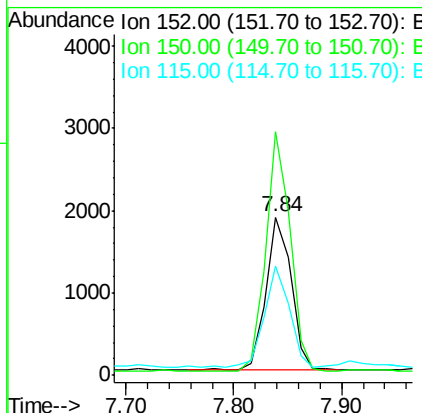
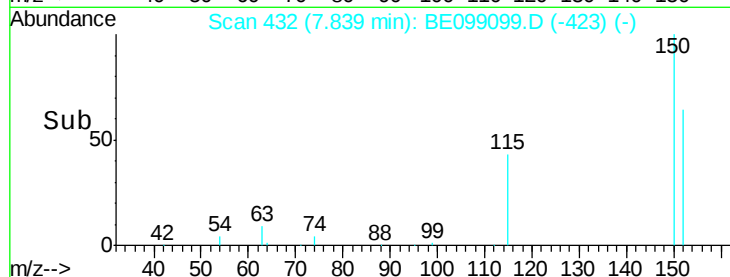
Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.5	183.7
115	69.2	57.4	86.2

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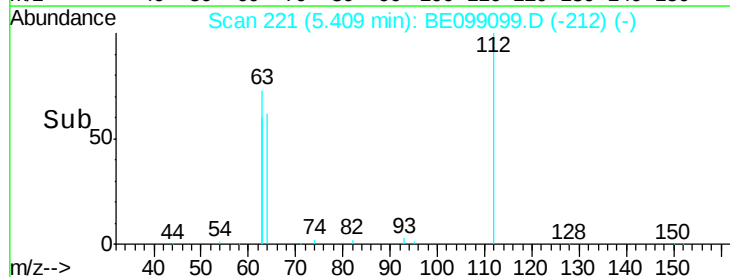
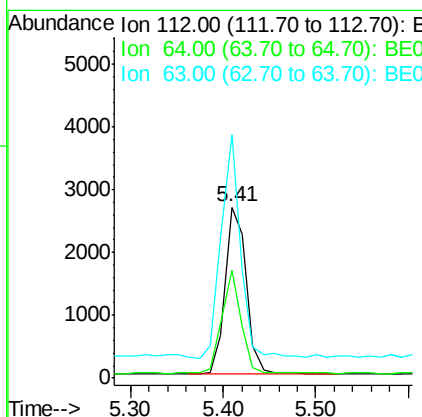
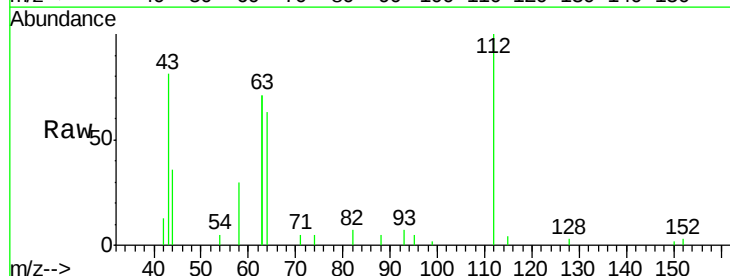
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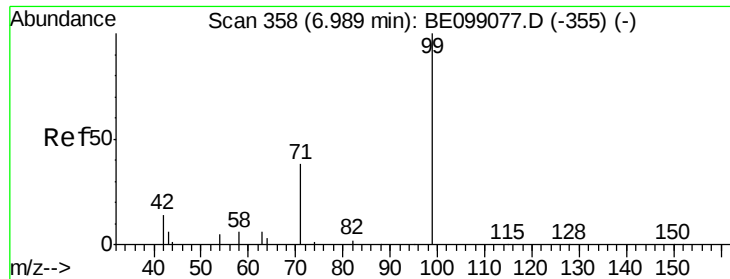


#4

2-Fluorophenol
Concen: 0.461 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	57.9	86.9#
63	120.8	158.3	237.5#





#5

Phenol-d6

Concen: 0.445 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Instrument :

BNA_E

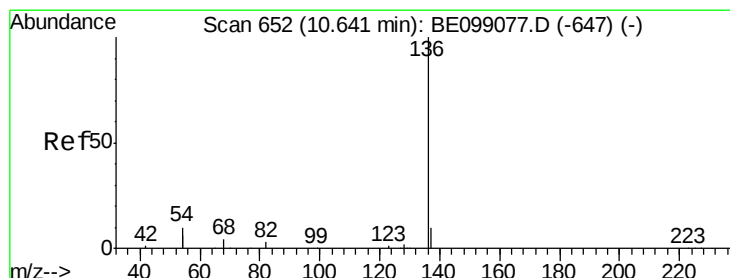
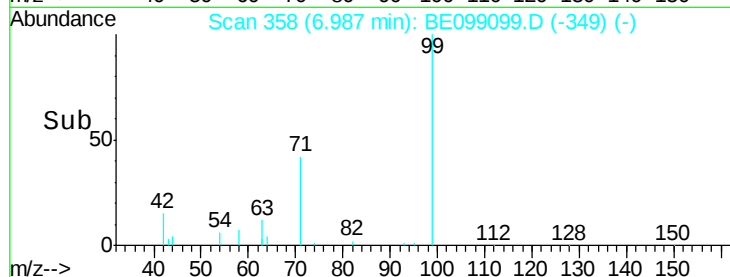
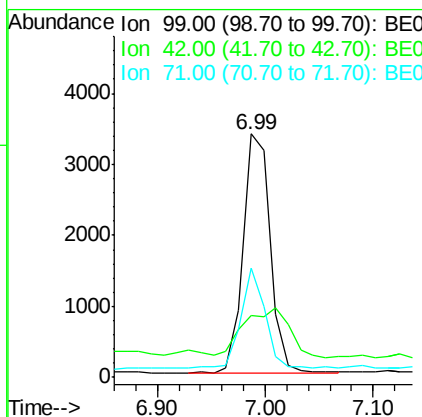
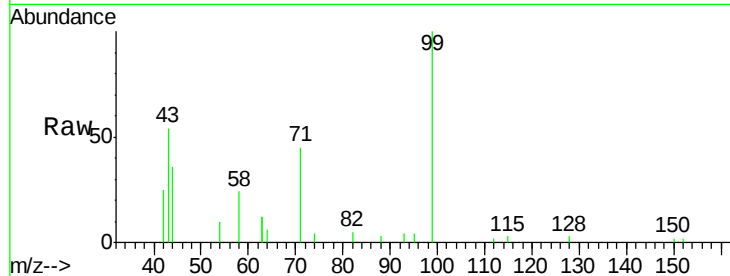
ClientSampleId :

PST-028-B003-031219

Tgt Ion:	99	Resp:	5858
Ion Ratio	Lower	Upper	
99	100		
42	0.0	24.2	36.2#
71	36.3	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

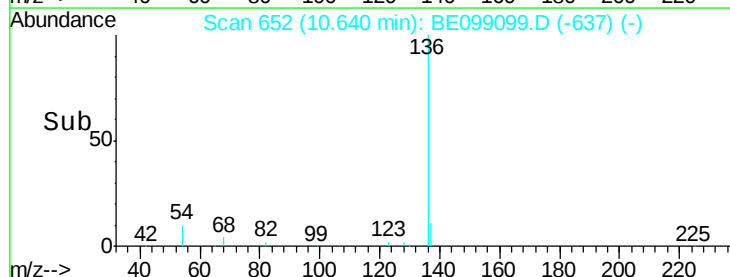
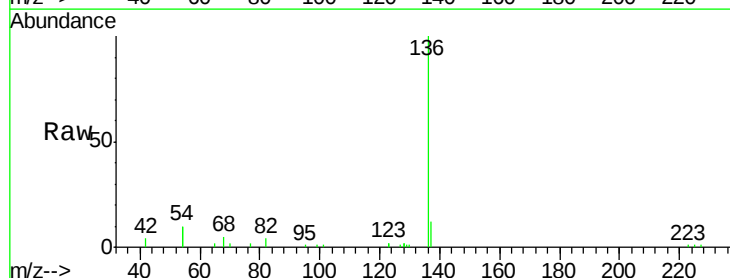
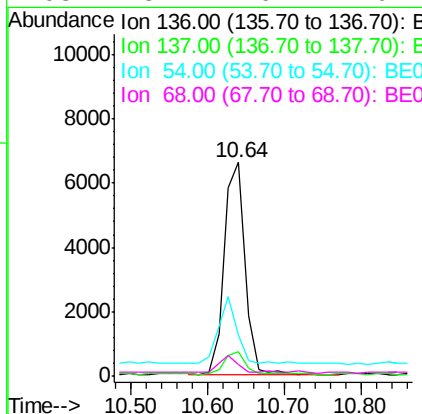
RT: 10.64 min Scan# 652

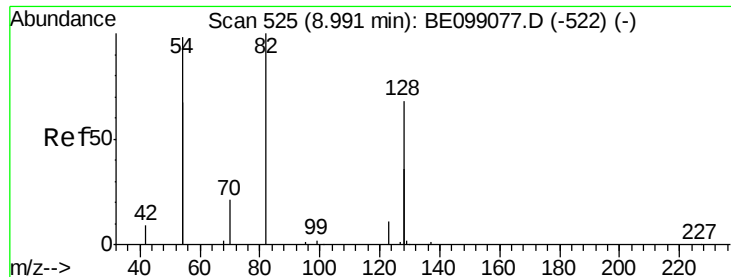
Delta R.T. -0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Tgt Ion:	136	Resp:	12376
Ion Ratio	Lower	Upper	
136	100		
137	11.7	11.4	17.0
54	19.1	39.3	58.9#
68	5.4	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.706 ng m

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Instrument :

BNA_E

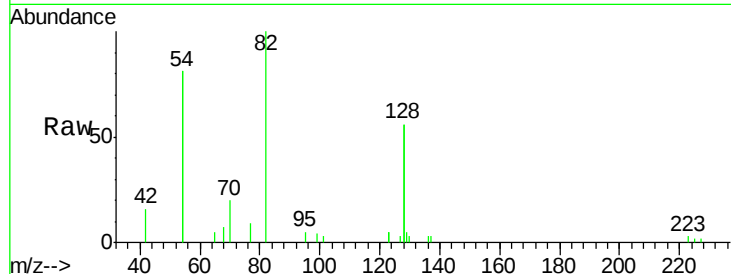
ClientSampleId :

PST-028-B003-031219

Tgt Ion:	82	Resp:	3818
Ion Ratio	Lower	Upper	
82	100		
128	56.1	123.8	185.8#
54	81.4	203.4	305.2#

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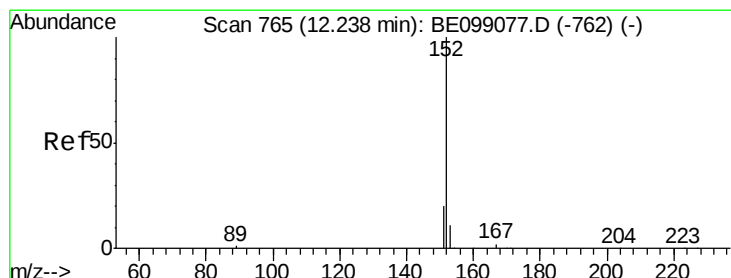
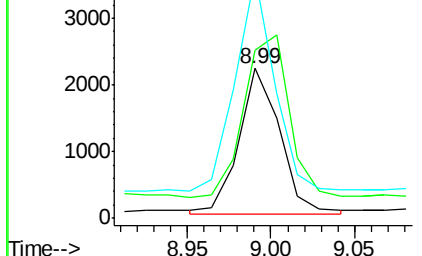
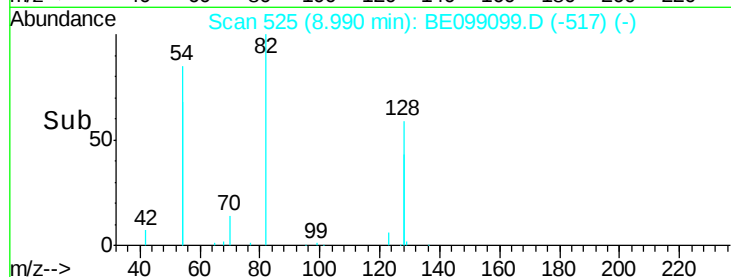


Abundance Ion 82.00 (81.70 to 82.70): BE099077.D (-522) (-)

Ion 128.00 (127.70 to 128.70): BE099077.D (-522) (-)

Ion 54.00 (53.70 to 54.70): BE099077.D (-522) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

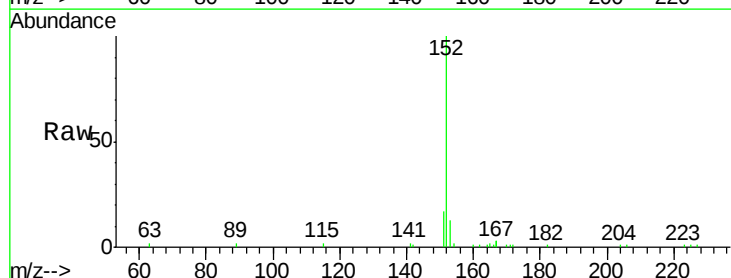
RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

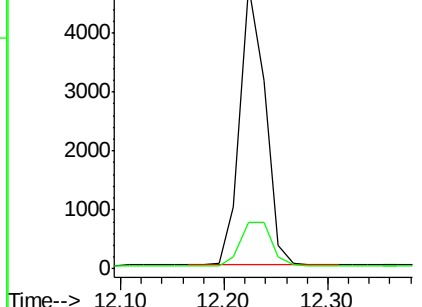
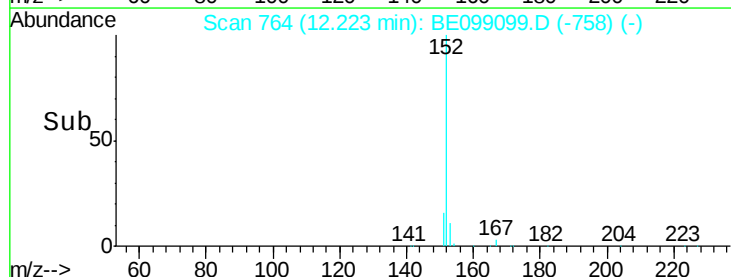
Tgt Ion:	152	Resp:	8022
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.5	24.7

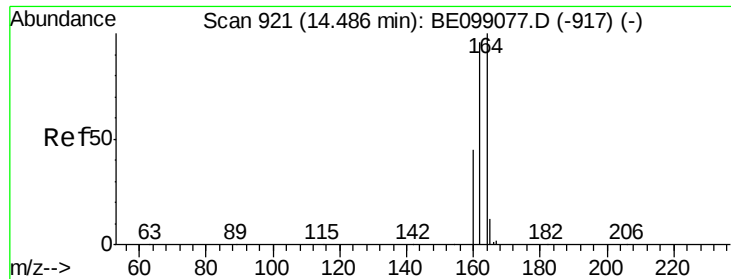


Abundance Ion 152.00 (151.70 to 152.70): BE099077.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE099077.D (-762) (-)

Time-->





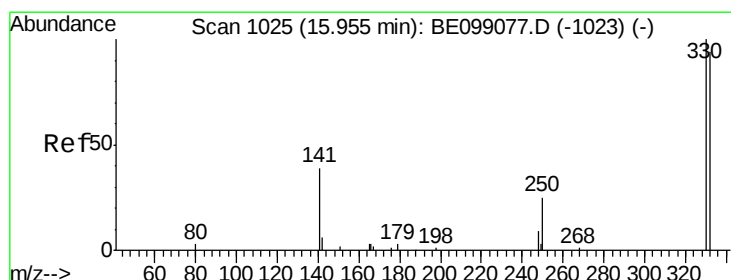
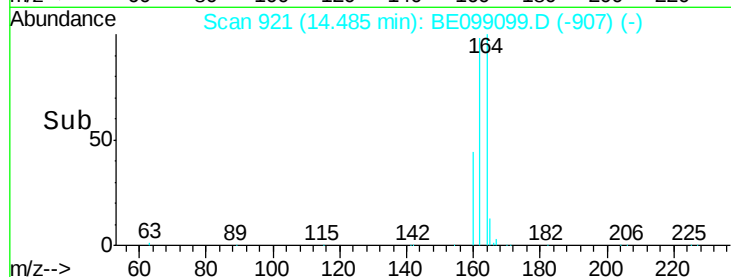
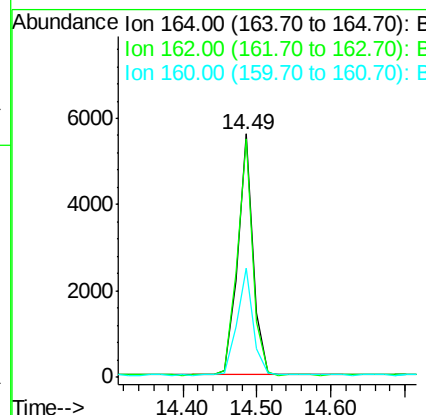
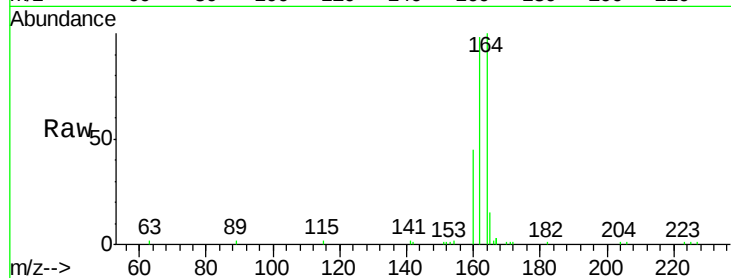
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.2
160	44.9	37.8	56.8

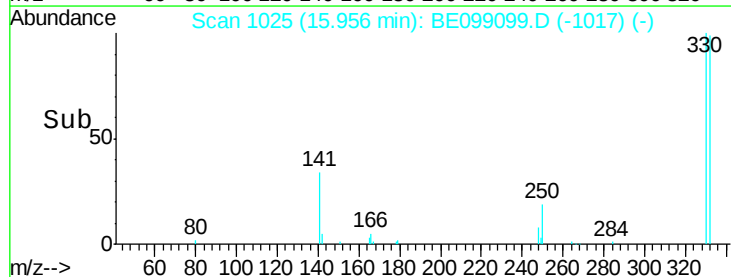
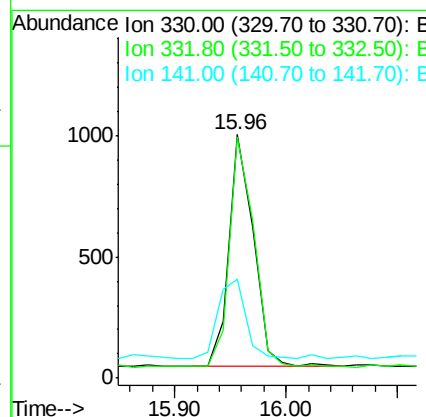
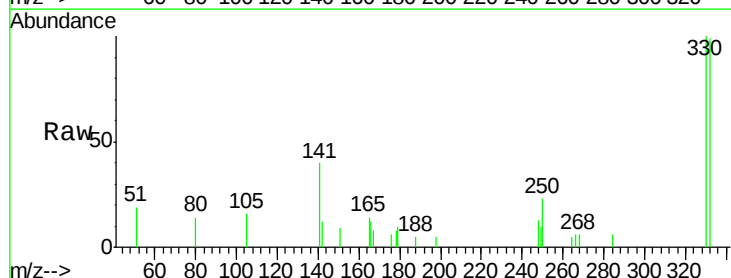
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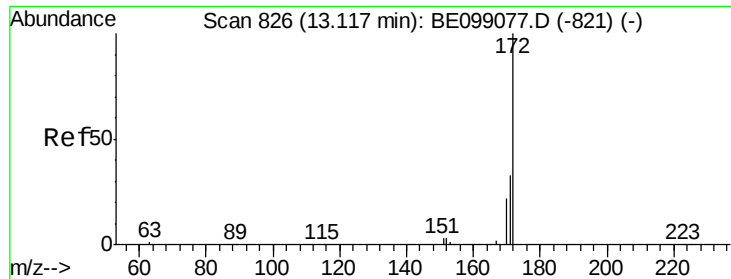
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#14
2,4,6-Tribromophenol
Concen: 0.604 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.6	116.4
141	39.1	31.0	46.4





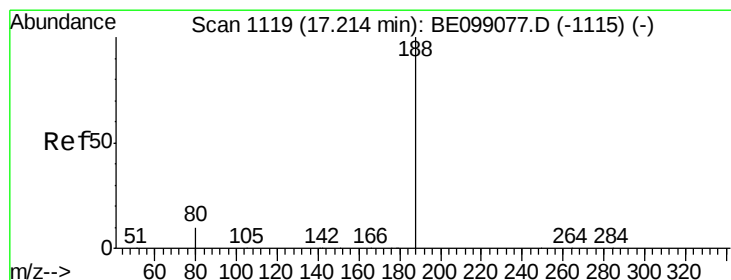
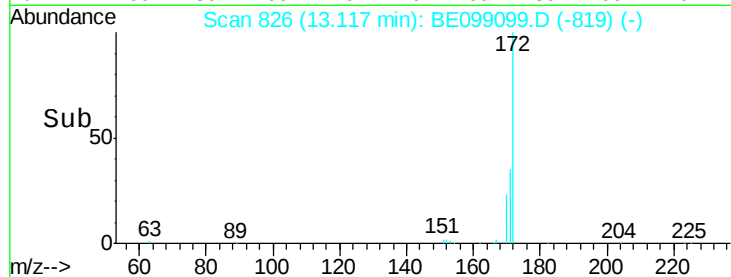
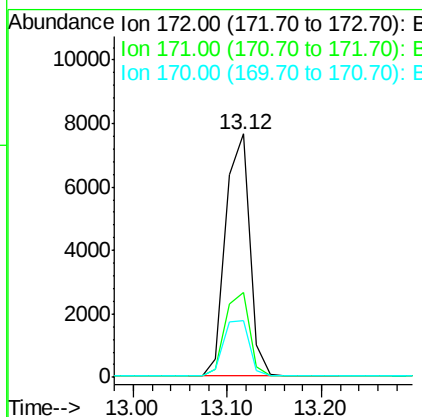
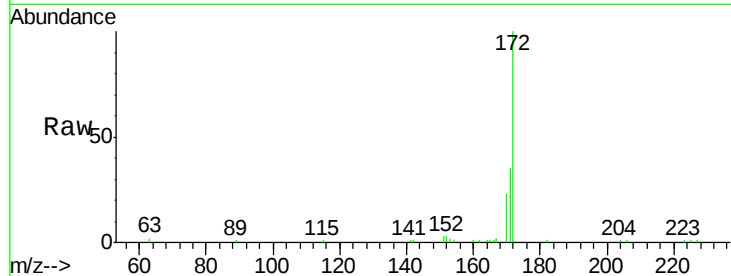
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.3	17.7	26.5

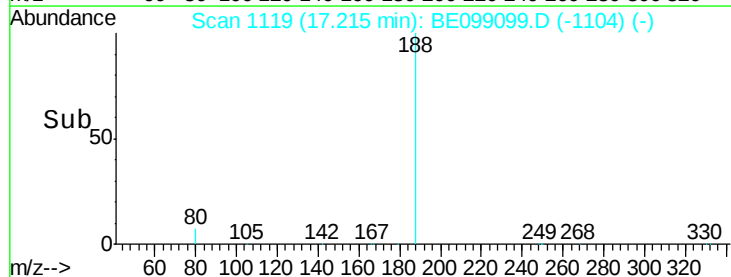
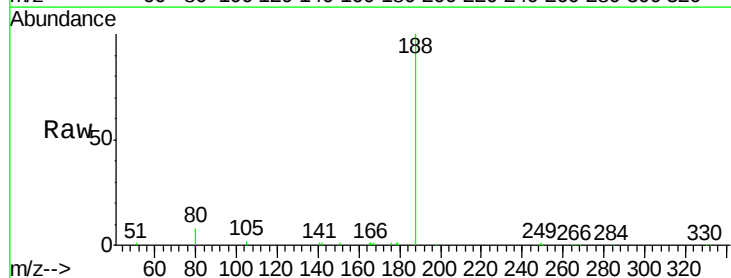
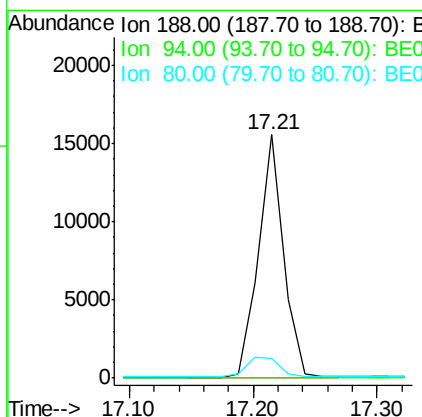
Manual Integrations
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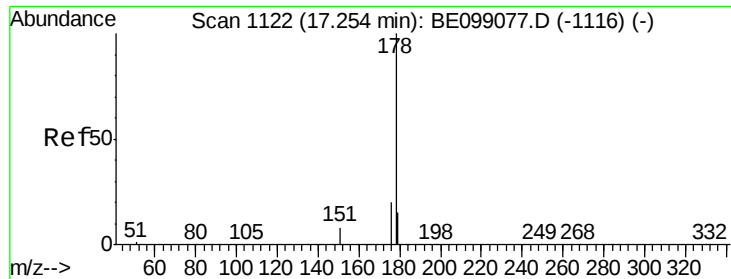
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5





#23

Phenanthrene

Concen: 0.066 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Instrument :

BNA_E

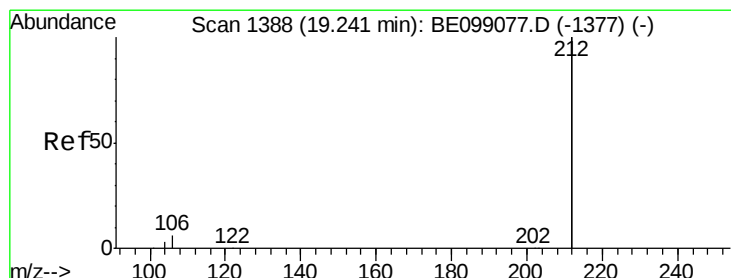
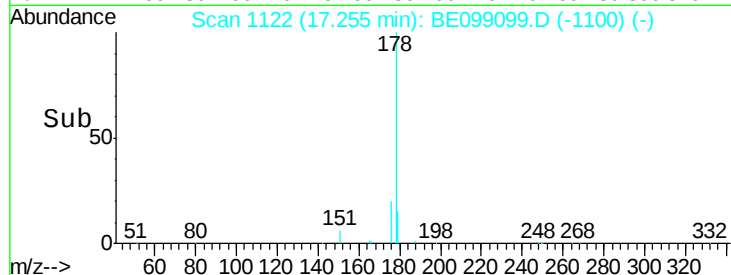
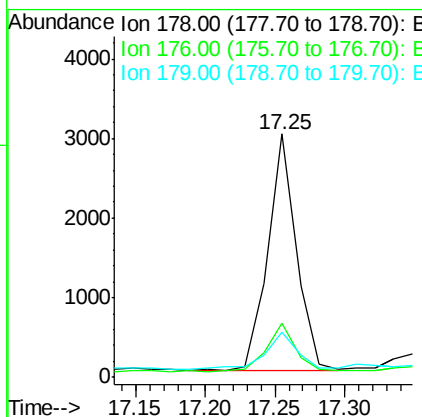
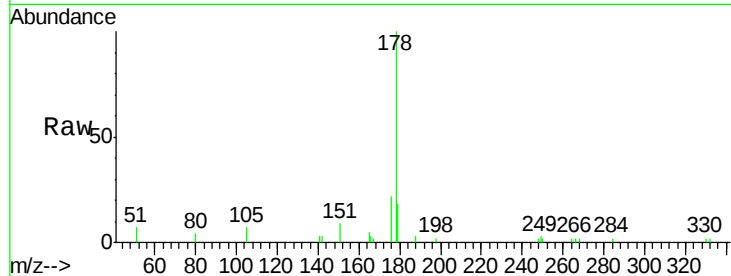
ClientSampleId :

PST-028-B003-031219

Tgt Ion:	178	Resp:	4228
Ion Ratio	Lower	Upper	
178	100		
176	21.2	16.0	24.0
179	17.4	12.1	18.1

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#25

Fluoranthene-d10

Concen: 0.337 ng

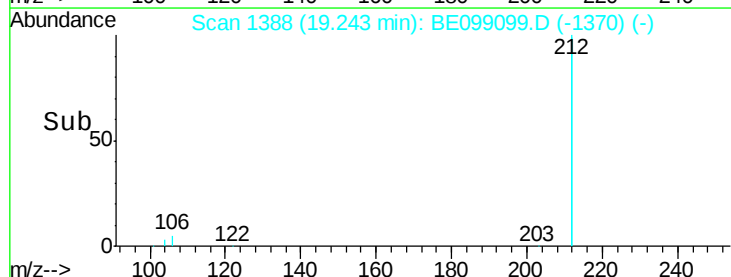
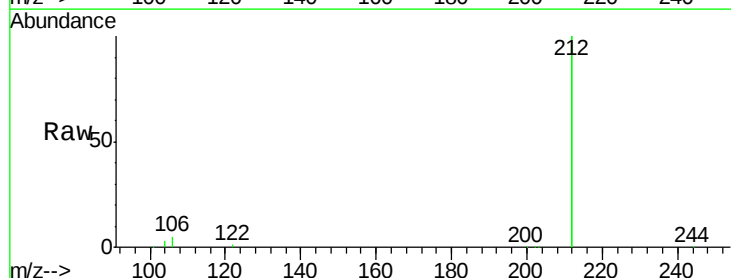
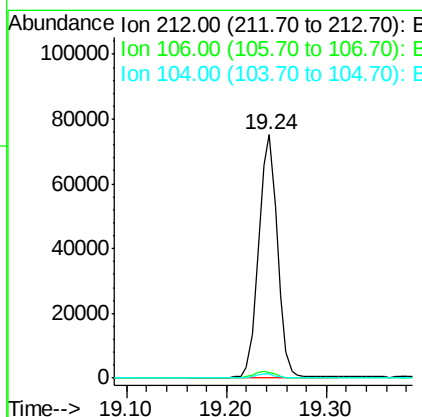
RT: 19.24 min Scan# 1388

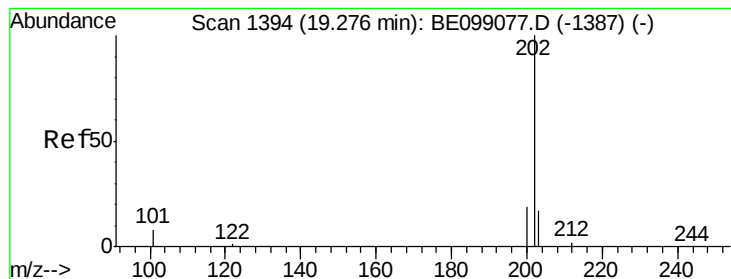
Delta R.T. 0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Tgt Ion:	212	Resp:	97538
Ion Ratio	Lower	Upper	
212	100		
106	2.8	1.8	2.8#
104	1.6	1.0	1.6





#26

Fluoranthene

Concen: 0.062 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Instrument :

BNA_E

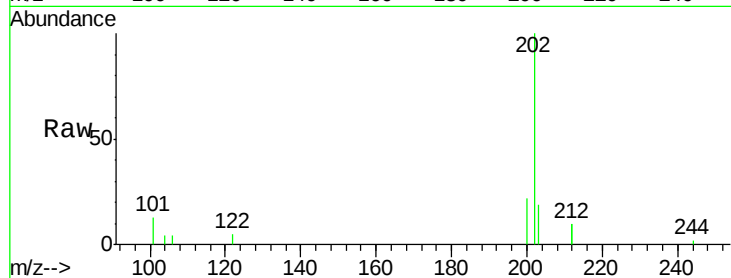
ClientSampleId :

PST-028-B003-031219

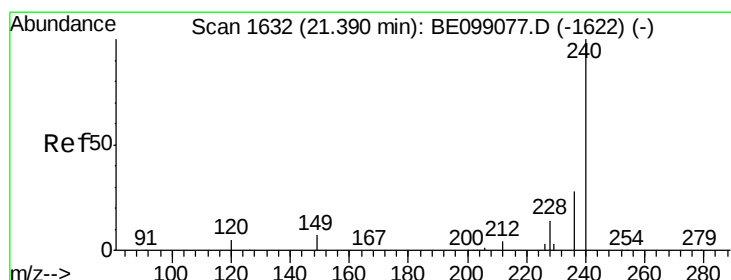
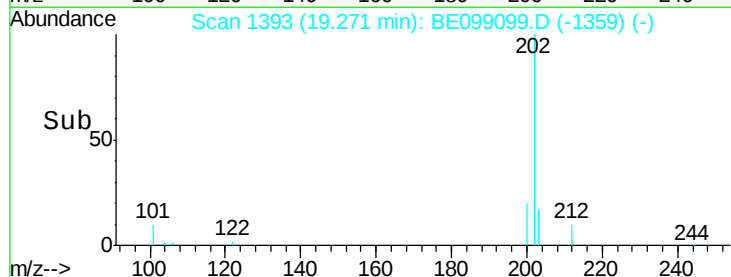
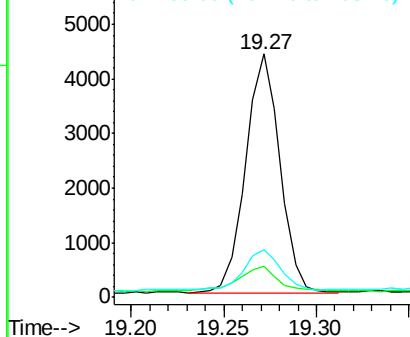
Tgt Ion:	202	Resp:	5599
Ion Ratio	Lower	Upper	
202	100		
101	12.5	7.3	10.9#
203	20.2	13.4	20.2#

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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: 21.39 min Scan# 1631

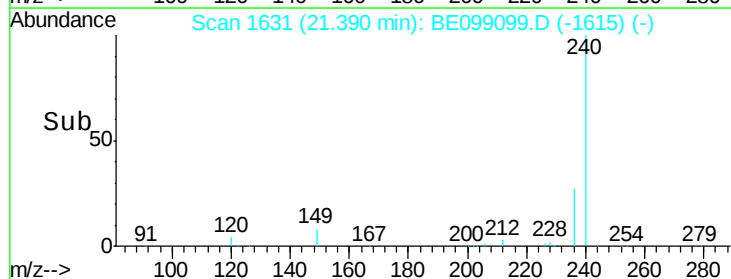
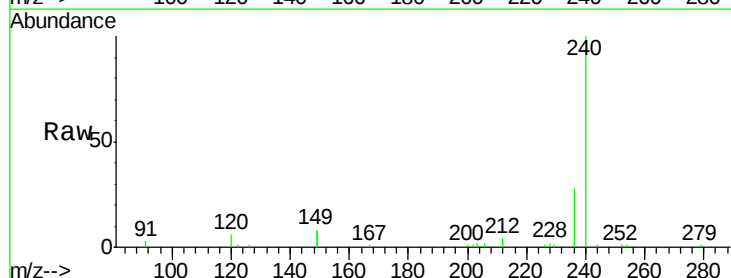
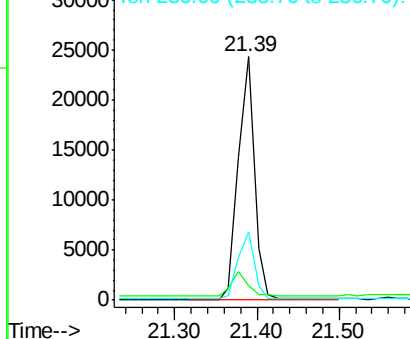
Delta R.T. -0.00 min

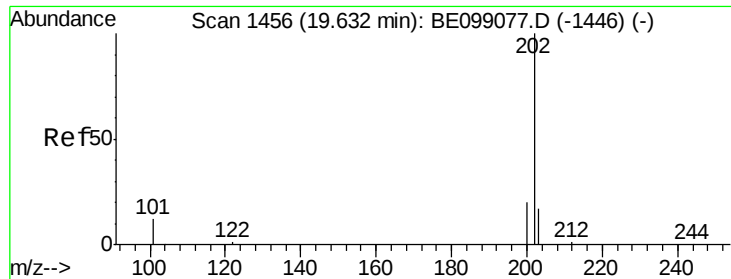
Lab File: BE099099.D

Acq: 23 Mar 2019 3:03

Tgt Ion:	240	Resp:	33136
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.0	7.4
236	27.8	22.7	34.1

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





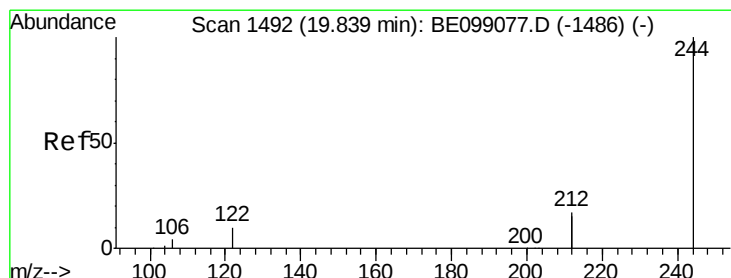
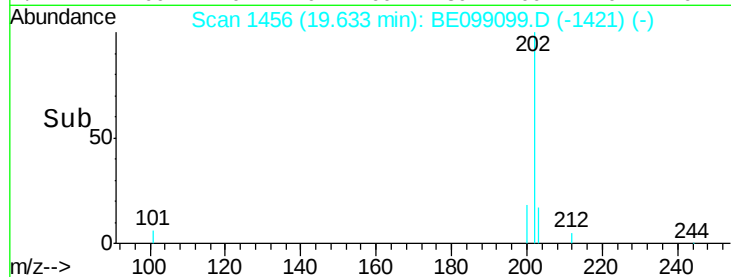
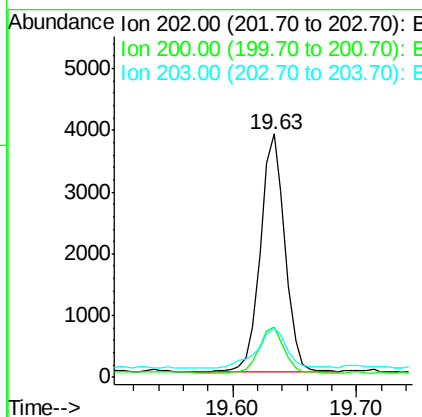
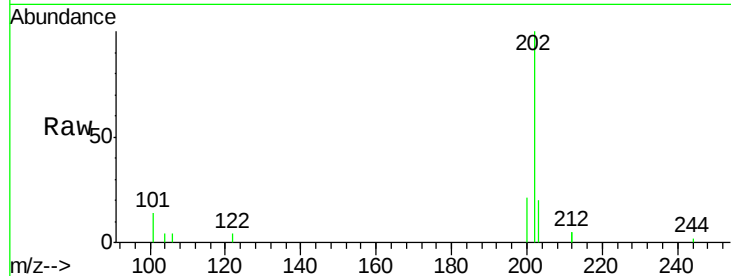
#28
 Pyrene
 Concen: 0.047 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099099.D
 Acq: 23 Mar 2019 3:03

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B003-031219

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.6
203	21.3	14.2	21.2

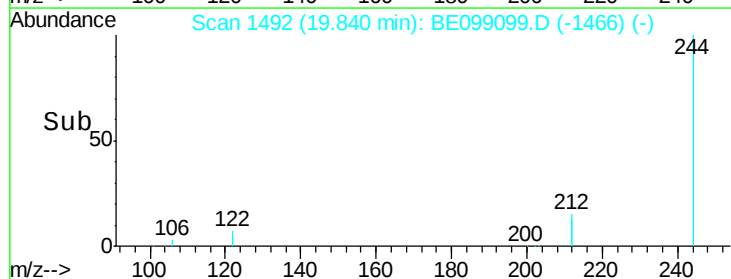
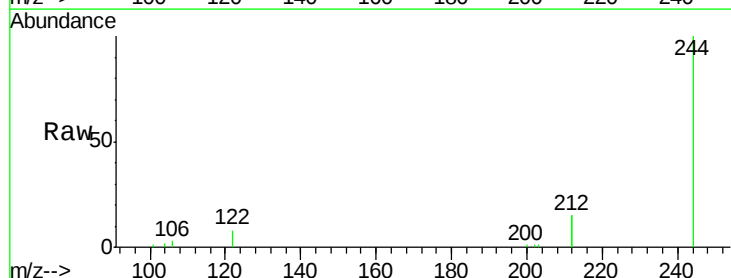
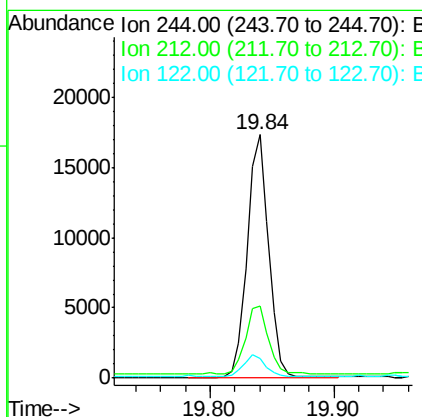
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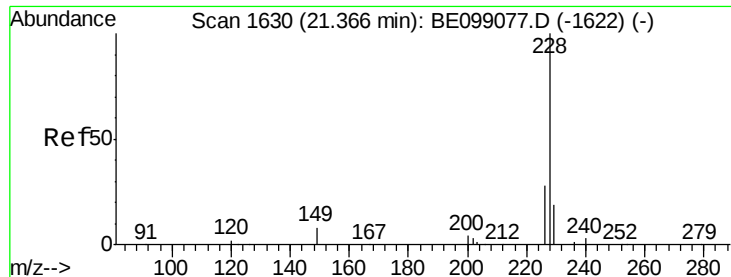
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#29
 Terphenyl-d14
 Concen: 0.296 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BE099099.D
 Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.5	29.4	44.2
122	8.3	7.1	10.7





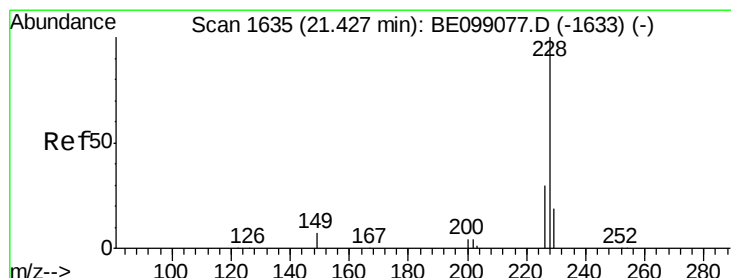
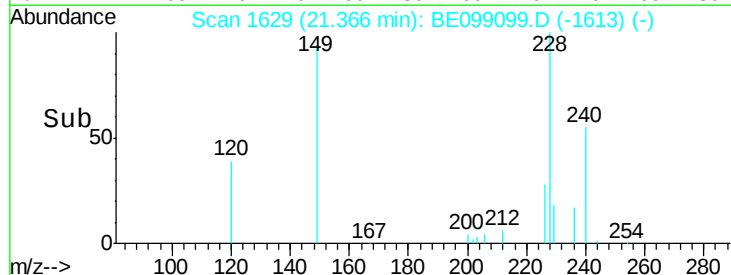
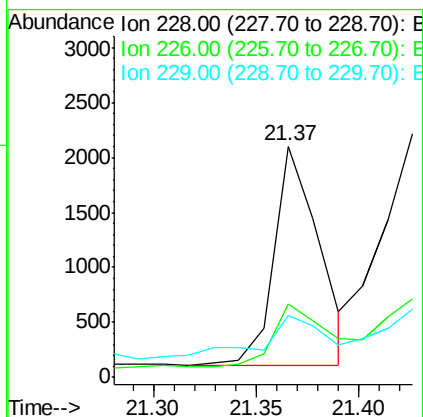
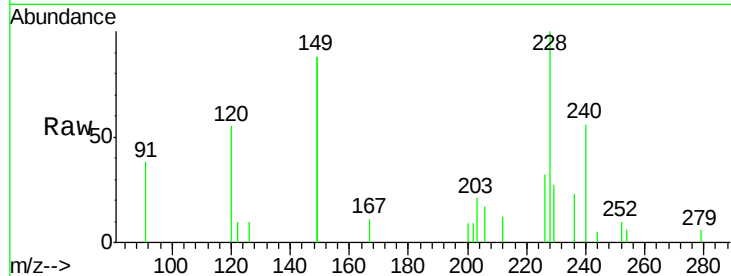
#30
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.0	34.4
229	26.8	16.5	24.7

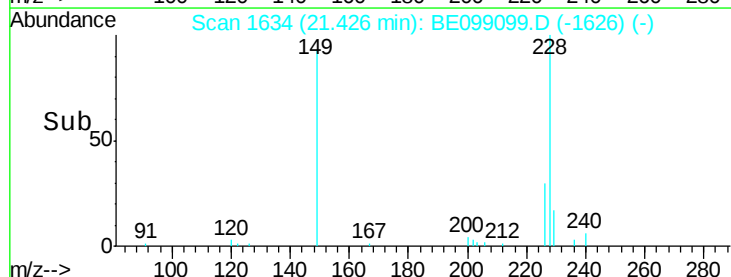
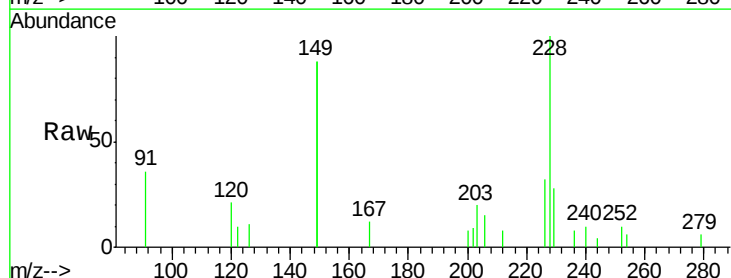
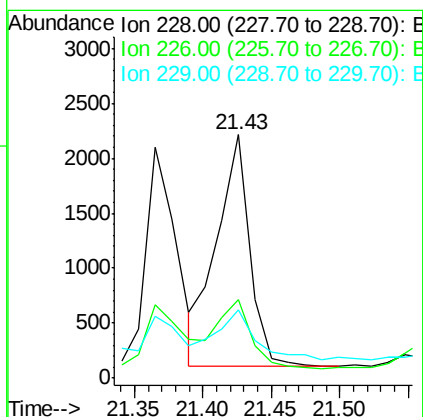
Manual Integrations
APPROVED

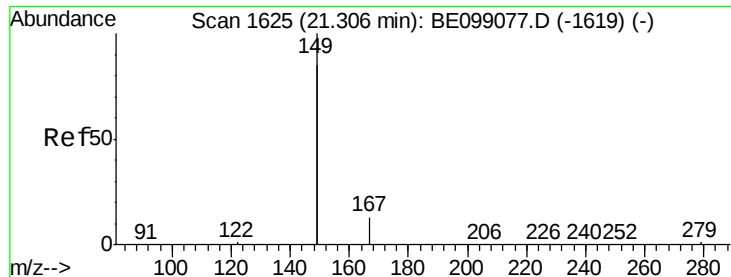
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3/25/2019 12:12:20 PM



#31
Chrysene
Concen: 0.030 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.7	35.5
229	28.3	16.1	24.1





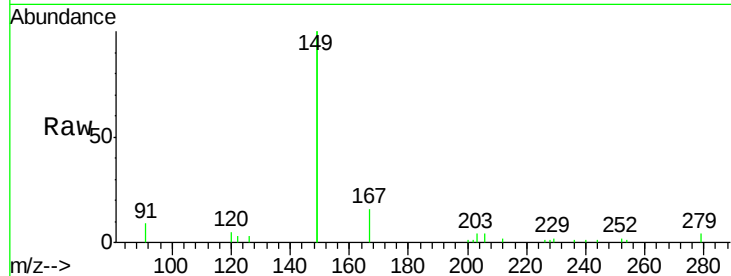
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.31 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE099099.D
 Acq: 23 Mar 2019 3:03

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B003-031219

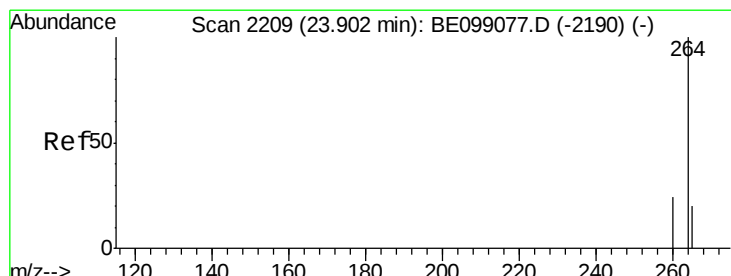
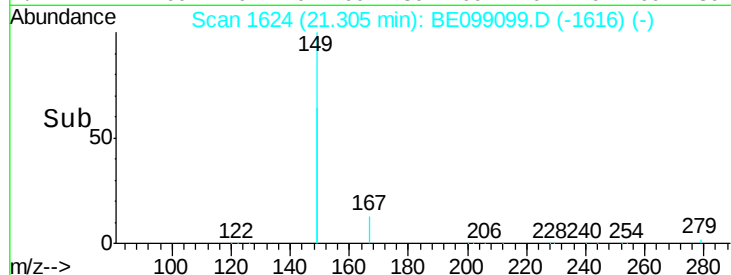
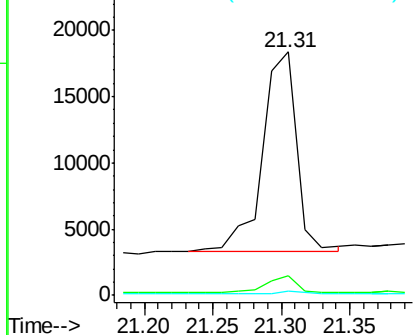
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	7.5	5.4	8.0
279	1.2	1.0	1.4

Manual Integrations
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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
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE099099.D
 Acq: 23 Mar 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	21.2	31.8
265	28.3	24.6	36.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

