

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099365.D
 Acq On : 25 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2534-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-074-SW066-042219

Manual Integrations
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Sohil
 4/29/2019 2:29:43 AM

Quant Time: Apr 26 10:12:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4175	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	16929	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	12047	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	31763	0.40	ng	0.00
27) Chrysene-d12	21.36	240	34275	0.40	ng	0.00
34) Perylene-d12	23.86	264	38084	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2924	0.29	ng	0.00
5) Phenol-d6	6.98	99	4650	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	3624	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	6675	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1774	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	10332	0.22	ng	0.00
25) Fluoranthene-d10	19.22	212	80193	0.21	ng	0.00
29) Terphenyl-d14	19.81	244	15838	0.23	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.23	178	4186	0.050	ng	95
26) Fluoranthene	19.25	202	10863	0.096	ng	98
28) Pyrene	19.61	202	9908	0.098	ng	# 94
30) Benzo(a)anthracene	21.34	228	5171	0.051	ng	# 82
31) Chrysene	21.40	228	5959	0.056	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.27	149	49613	0.541	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.51	276	3781	0.036	ng	# 89
35) Benzo(b)fluoranthene	23.10	252	7481	0.064	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	2999m	0.026	ng	
37) Benzo(a)pyrene	23.75	252	5281	0.051	ng	# 1

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

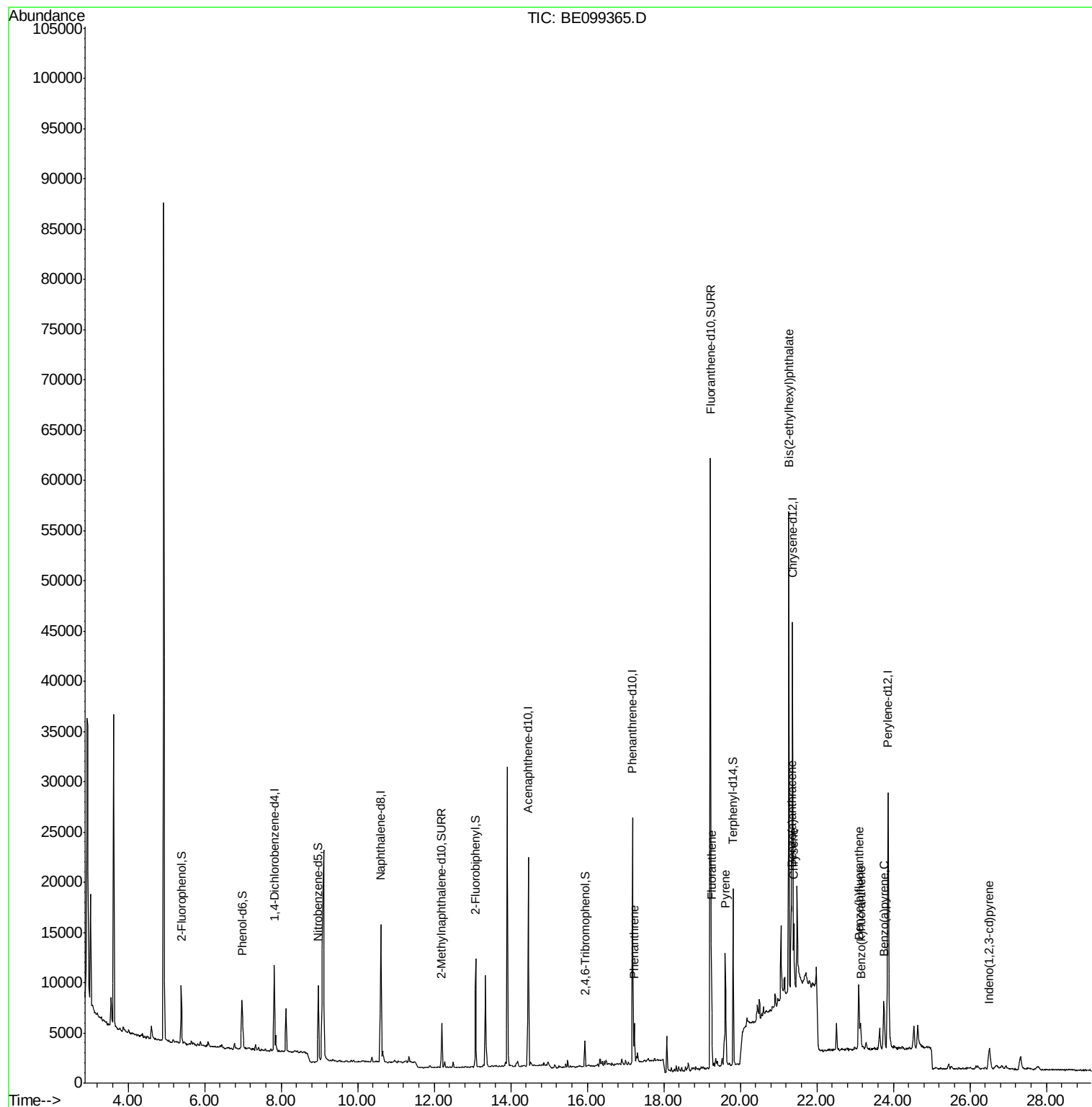
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099365.D
Acq On : 25 Apr 2019 17:26
Operator : JU/SJ
Sample : K2534-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

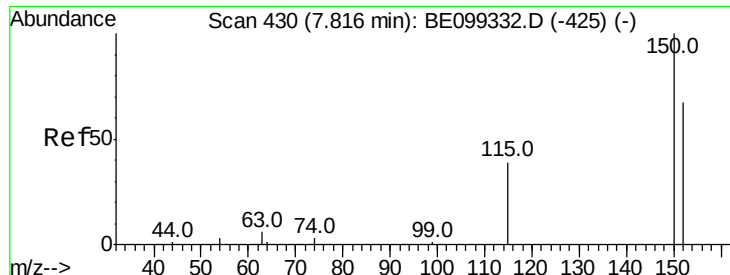
Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Quant Time: Apr 26 10:12:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Instrument :

BNA_E

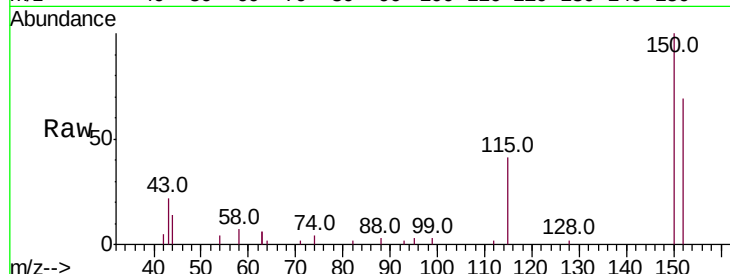
ClientSampleId :

EXT-074-SW066-042219

Tot Ion:	152	Resp:	4175
Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	60.3	47.5	71.3

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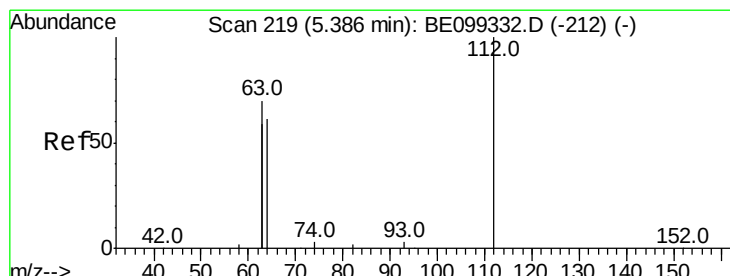
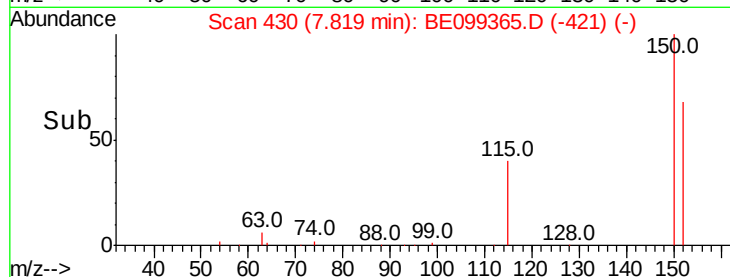
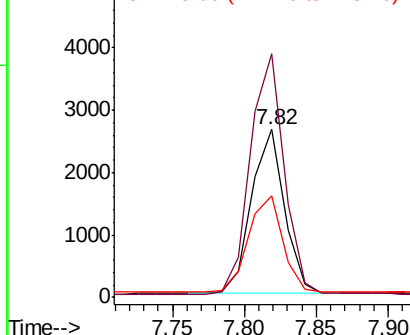


Abundance

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: 0.287 ng

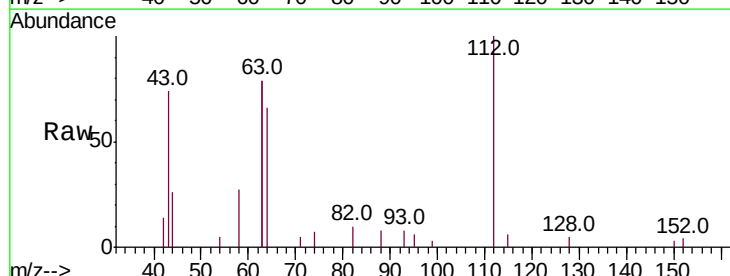
RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Tgt Ion:	112	Resp:	2924
Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.9	67.3
63	128.1	97.4	146.0

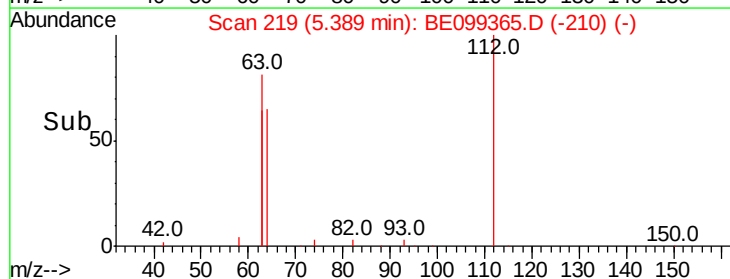
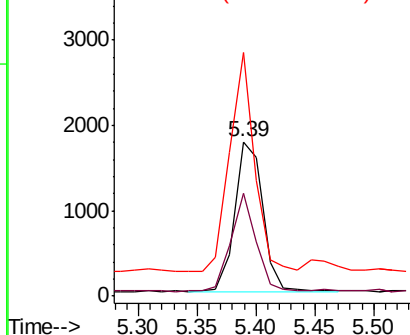


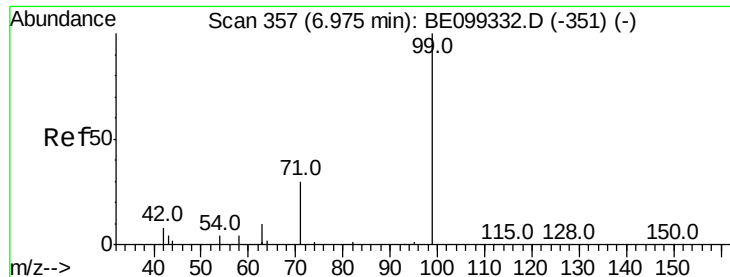
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.319 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Instrument :

BNA_E

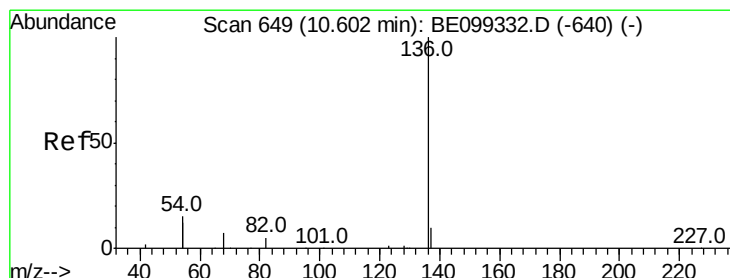
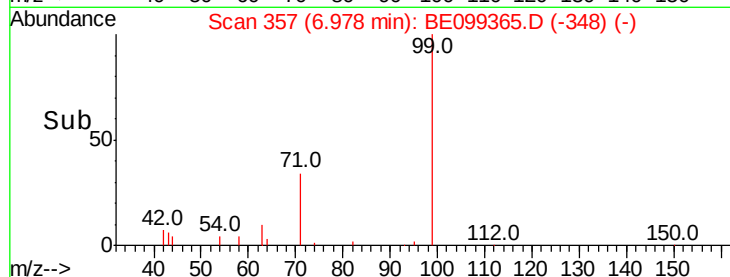
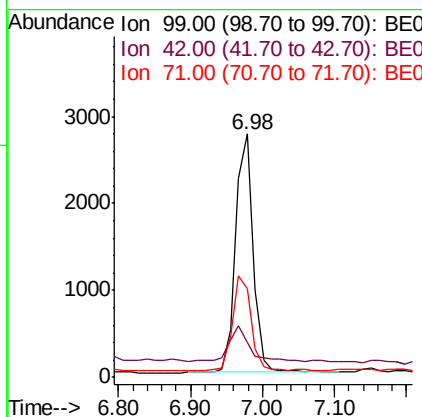
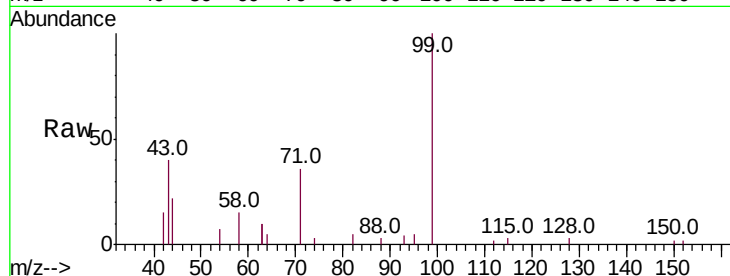
ClientSampleId :

EXT-074-SW066-042219

Tot Ion:	99	Resp:	4650
Ion Ratio	Lower	Upper	
99	100		
42	19.3	11.7	17.5#
71	41.8	29.6	44.4

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#7

Naphthalene-d8

Concen: 0.400 ng

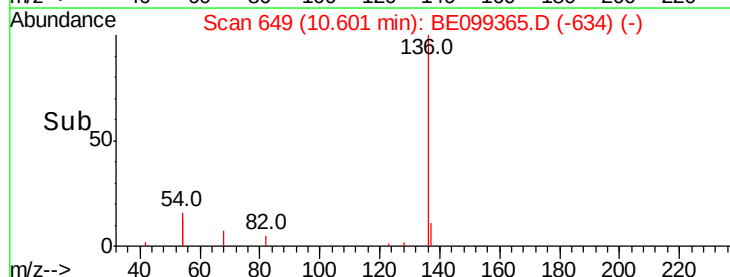
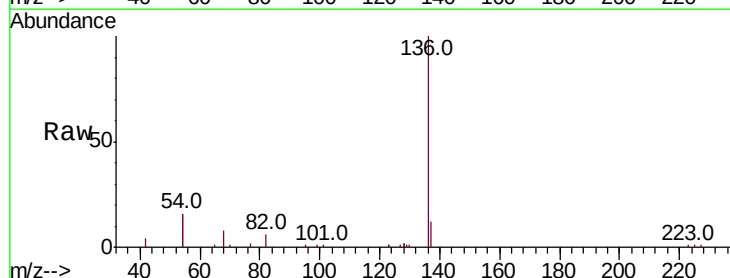
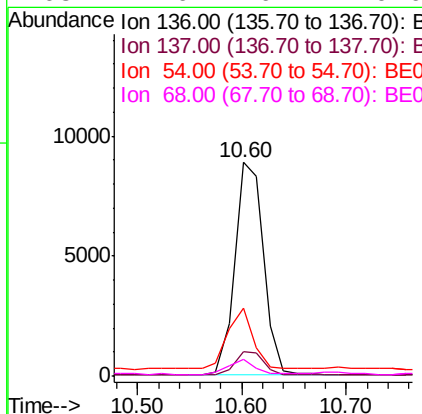
RT: 10.60 min Scan# 649

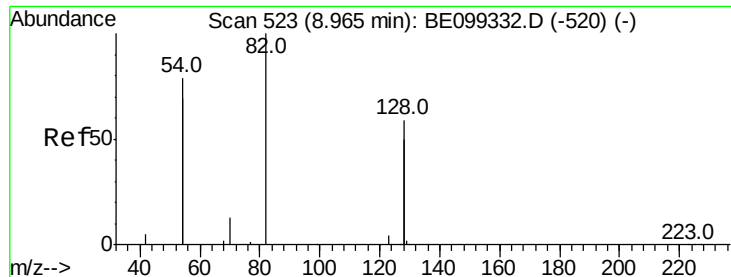
Delta R.T. -0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Tgt Ion:	136	Resp:	16929
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.7	13.1
54	32.1	23.8	35.8
68	7.6	6.4	9.6





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Instrument :

BNA_E

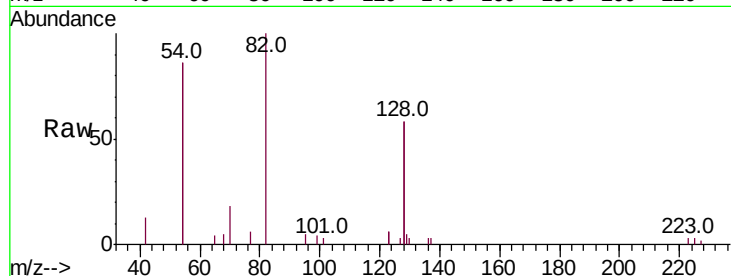
ClientSampleId :

EXT-074-SW066-042219

Tot Ion:	82	Resp:	3624
Ion Ratio	Lower	Upper	
82	100		
128	116.8	91.7	137.5
54	171.1	122.8	184.2

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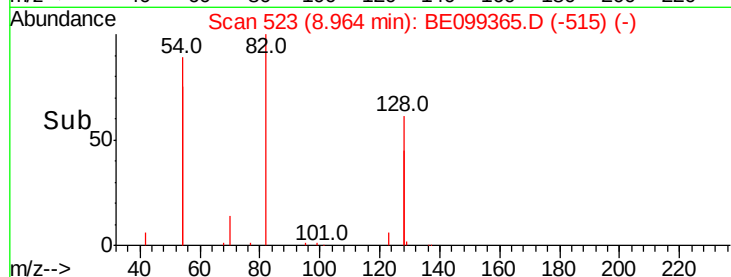


Abundance Ion 82.00 (81.70 to 82.70): BE099332.D (-520) (-)

Ion 128.00 (127.70 to 128.70): BE099332.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE099332.D (-520) (-)

Time-->

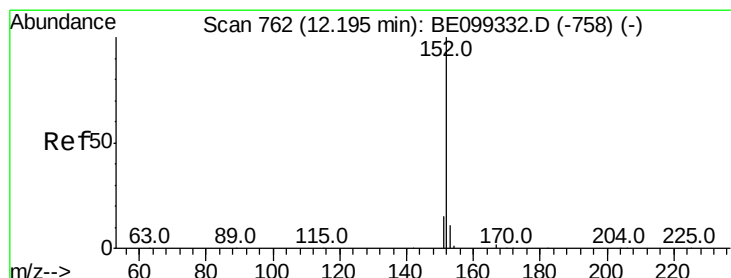


Abundance Ion 82.00 (81.70 to 82.70): BE099365.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099365.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099365.D (-515) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.223 ng

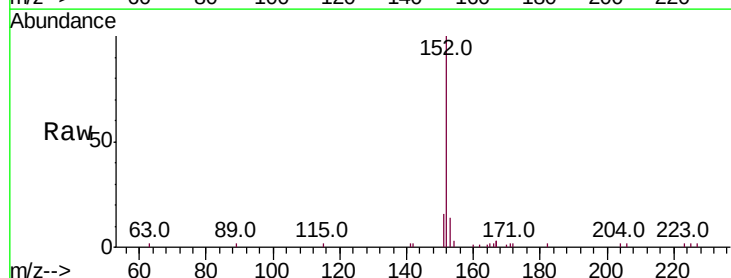
RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

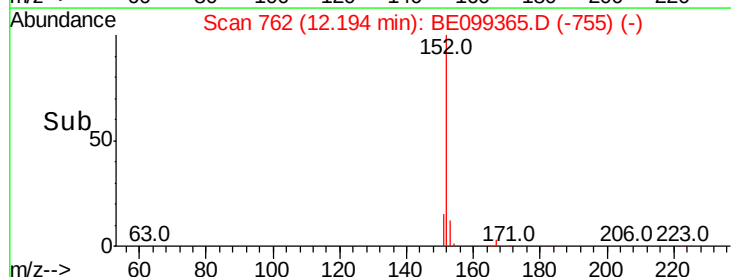
Tgt Ion:	152	Resp:	6675
Ion Ratio	Lower	Upper	
152	100		
151	19.1	14.9	22.3



Abundance Ion 152.00 (151.70 to 152.70): BE099332.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099332.D (-758) (-)

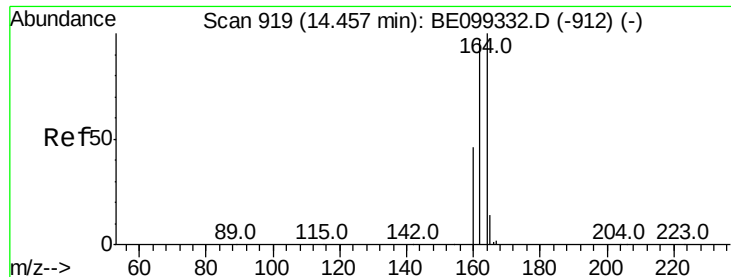
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BE099365.D (-755) (-)

Ion 151.00 (150.70 to 151.70): BE099365.D (-755) (-)

Time-->



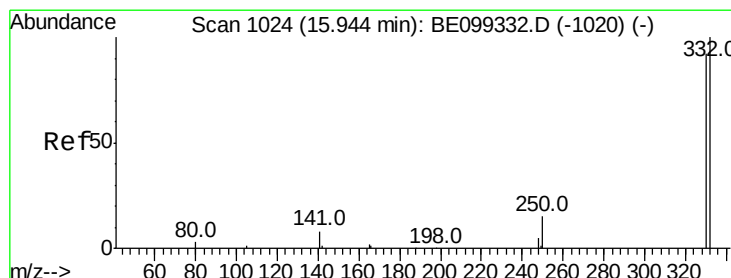
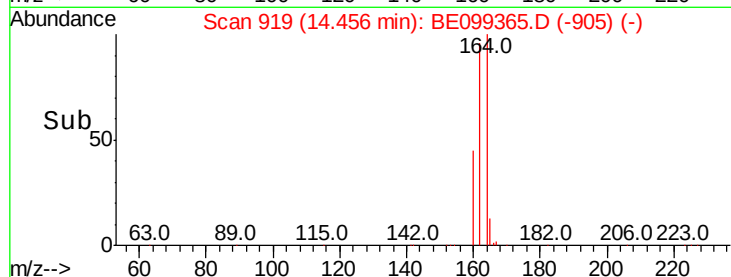
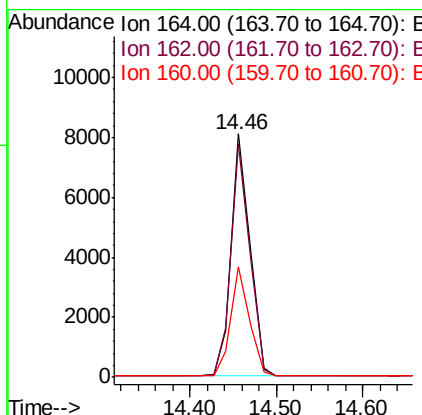
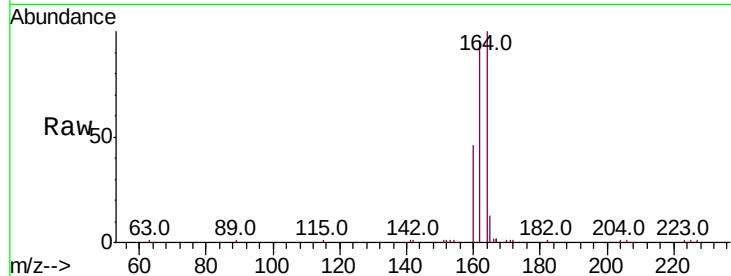
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.8	116.6
160	45.6	37.1	55.7

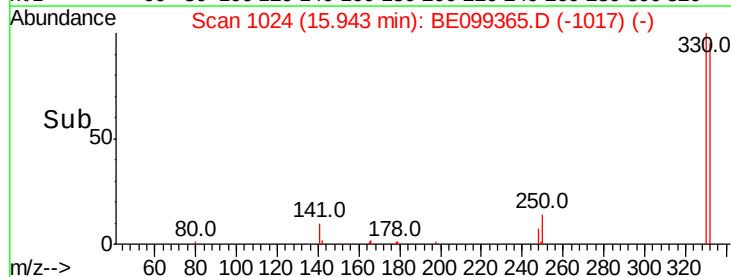
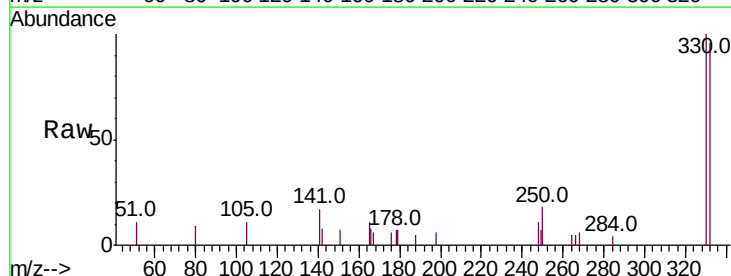
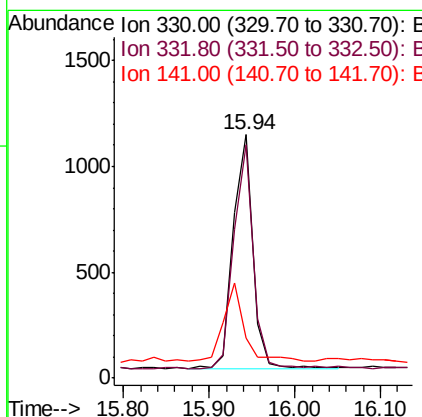
Manual Integrations
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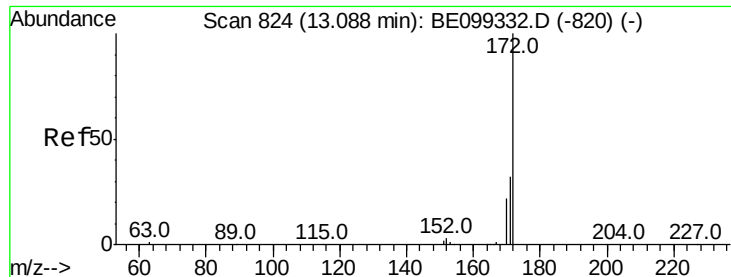
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#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	82.5	123.7
141	34.5	24.9	37.3





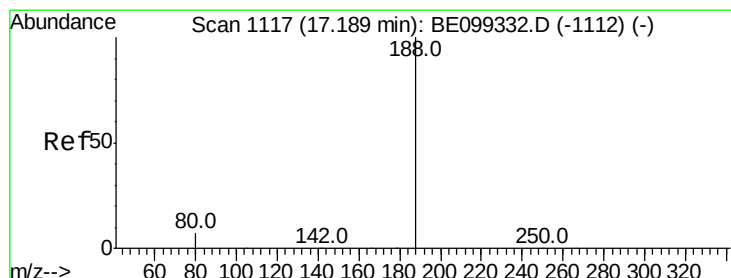
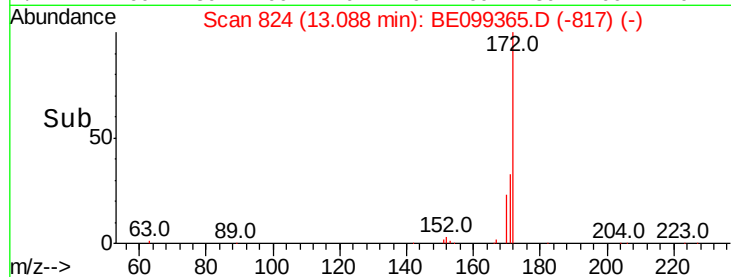
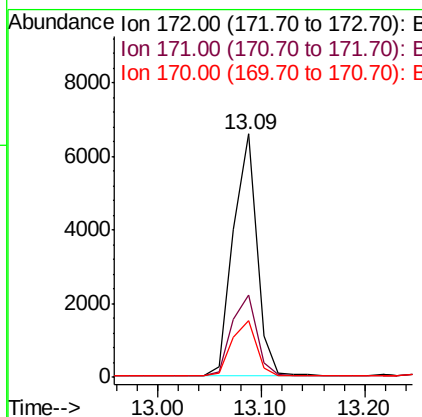
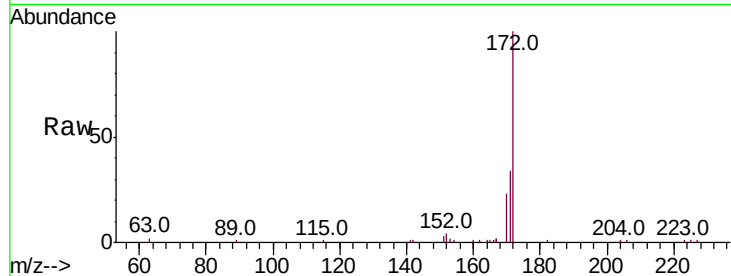
#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	23.2	18.1	27.1

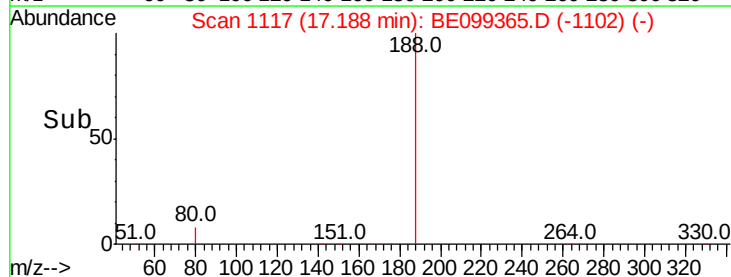
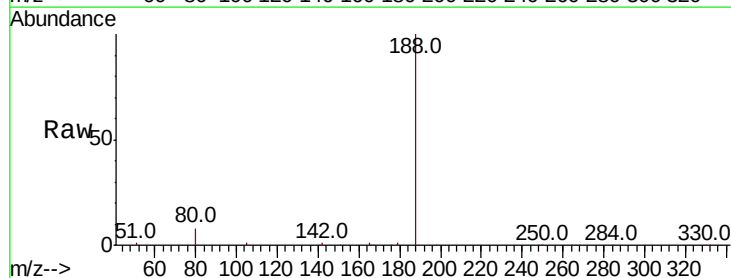
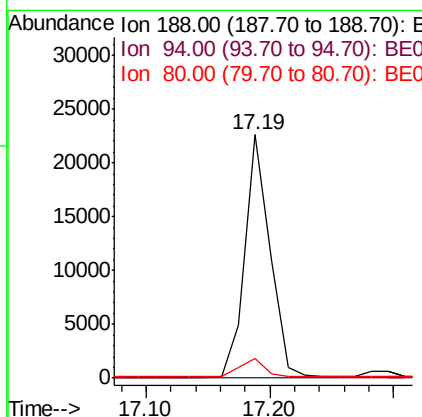
Manual Integrations
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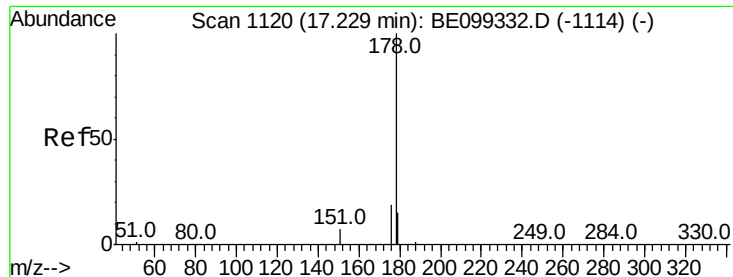
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.2	9.4





#23

Phenanthrene

Concen: 0.050 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Instrument :

BNA_E

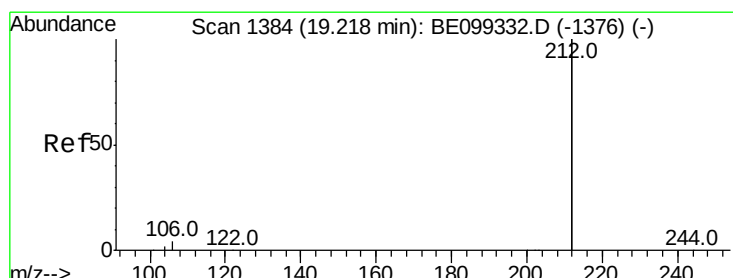
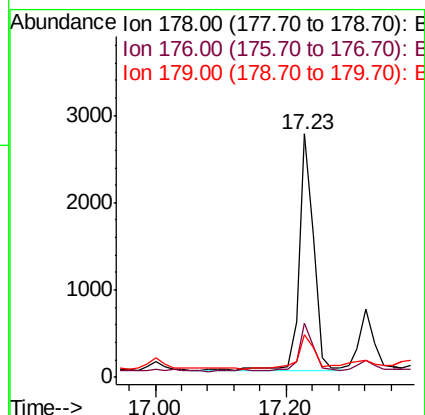
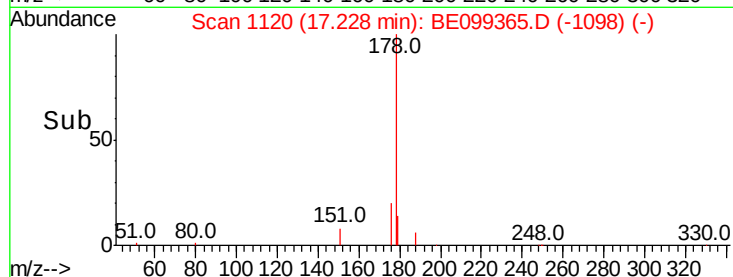
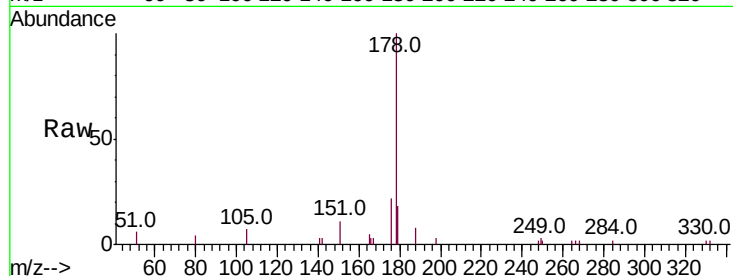
ClientSampleId :

EXT-074-SW066-042219

Tot Ion:	178	Resp:	4186
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.3	22.9
179	16.9	12.4	18.6

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.210 ng

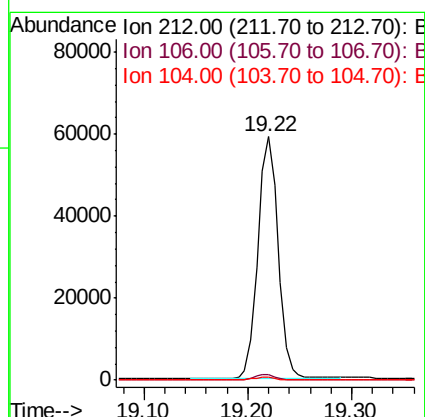
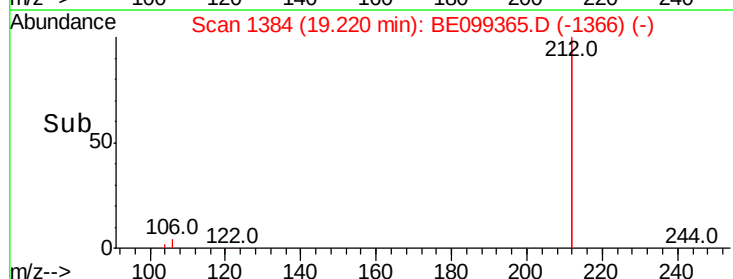
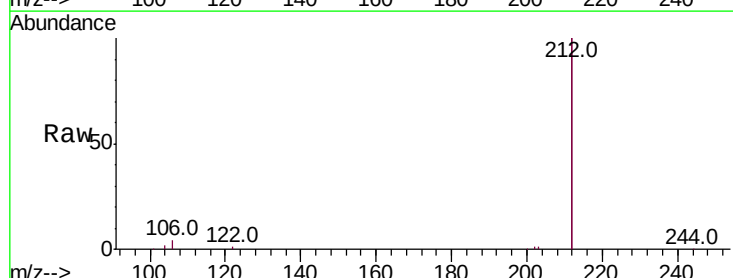
RT: 19.22 min Scan# 1384

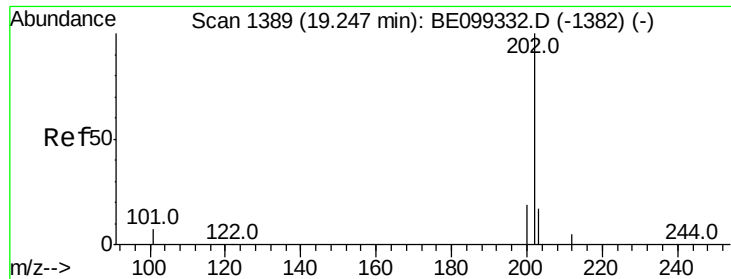
Delta R.T. 0.00 min

Lab File: BE099365.D

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Tgt Ion:	212	Resp:	80193
Ion Ratio	Lower	Upper	
212	100		
106	2.0	1.8	2.6
104	1.2	1.0	1.4





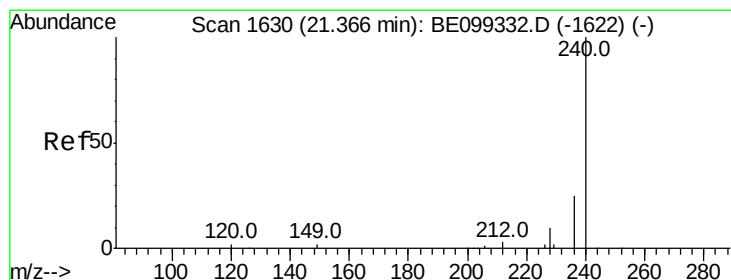
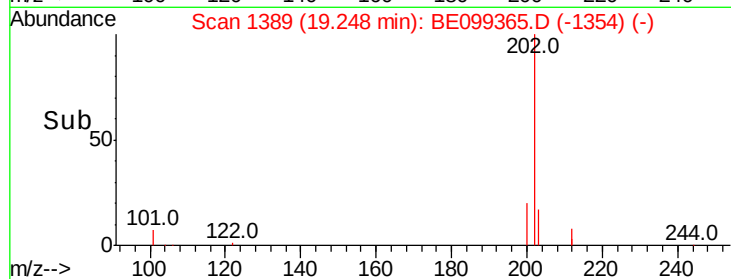
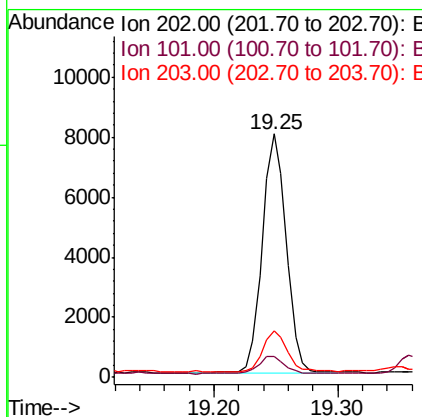
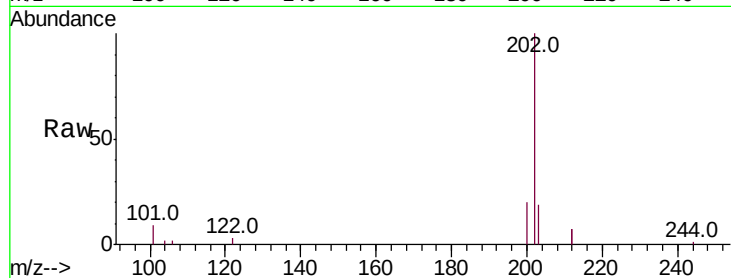
#26
Fluoranthene
Concen: 0.096 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Resp	Lower	Upper
202	100	10863		
101	8.8		6.4	9.6
203	17.5		13.5	20.3

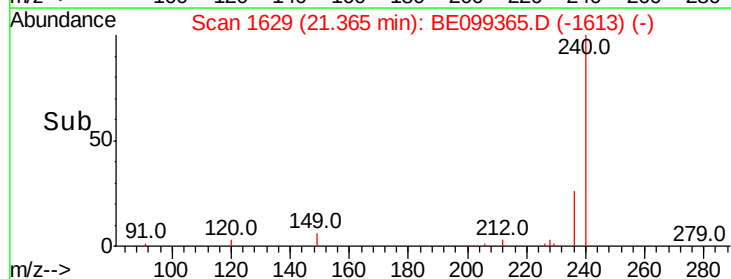
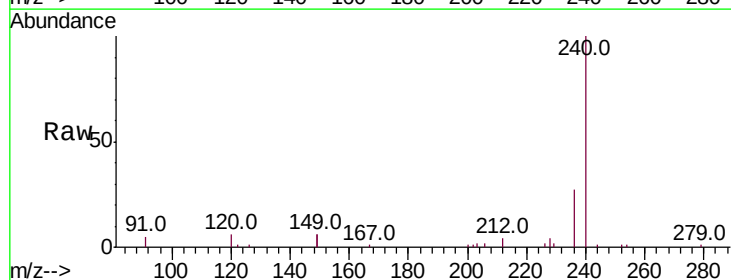
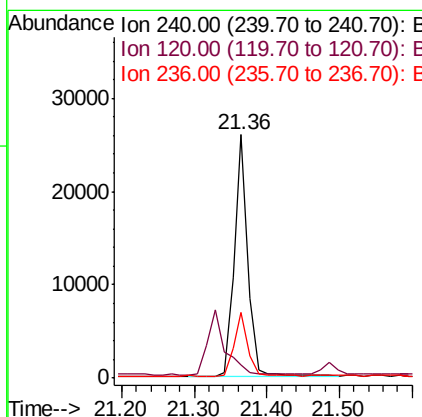
Manual Integrations
APPROVED

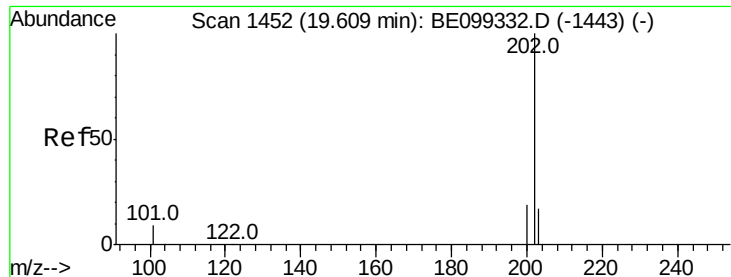
Sohil
4/29/2019 2:29:43 AM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	34275		
120	5.5		2.2	3.2#
236	27.0		20.2	30.4





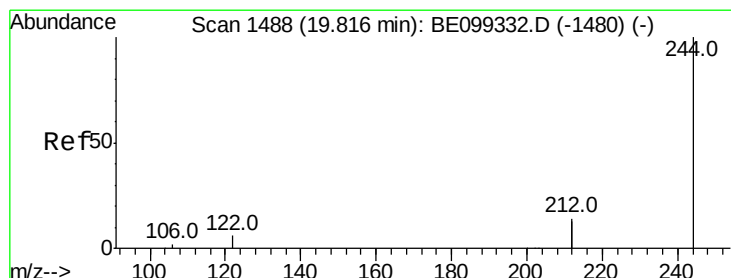
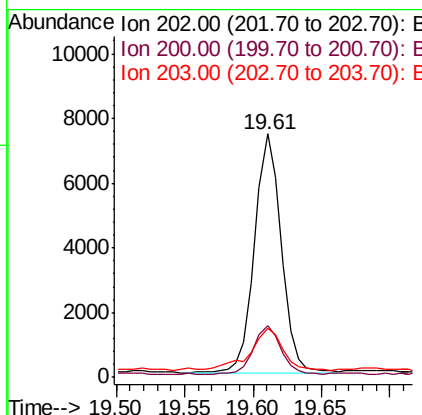
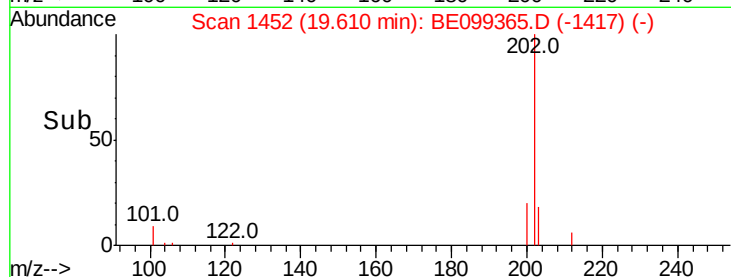
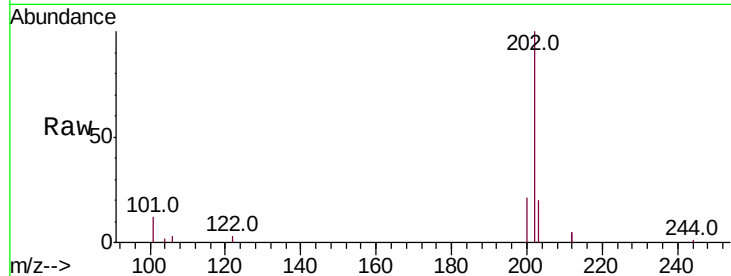
#28
Pvrene
Concen: 0.098 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.7	23.5
203	20.6	13.7	20.5

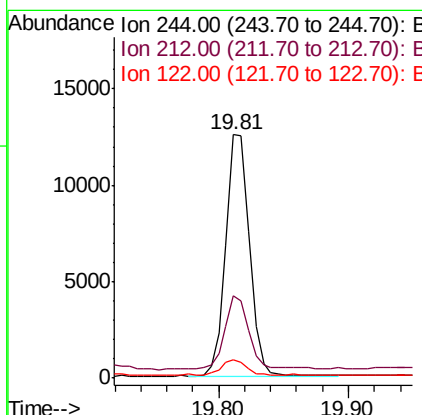
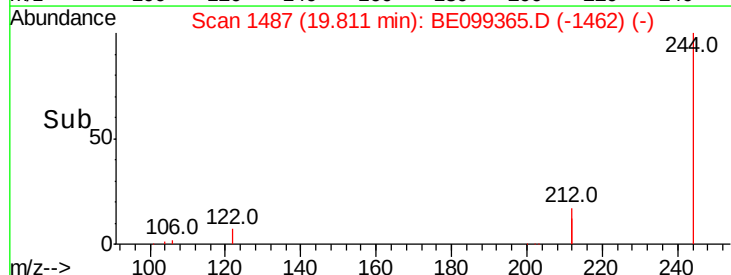
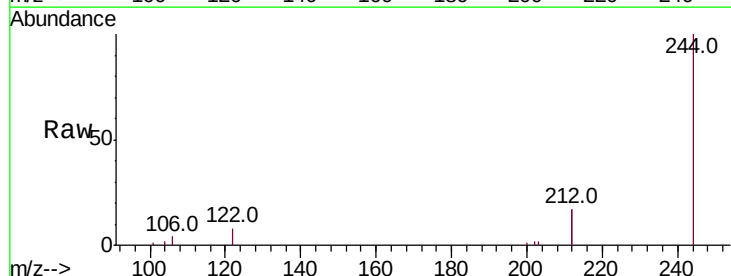
Manual Integrations
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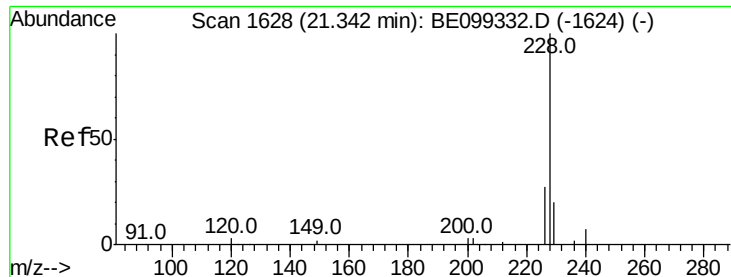
Sohil
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#29
Terphenyl-d14
Concen: 0.235 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.6	22.6	33.8
122	7.8	4.6	7.0





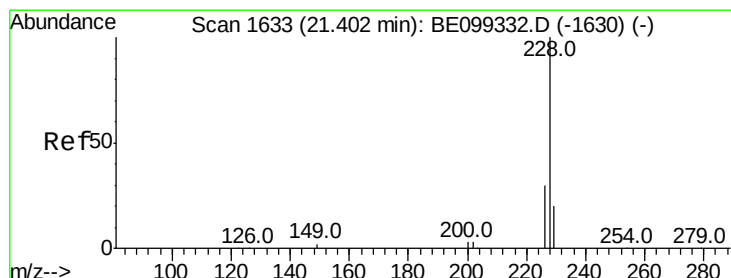
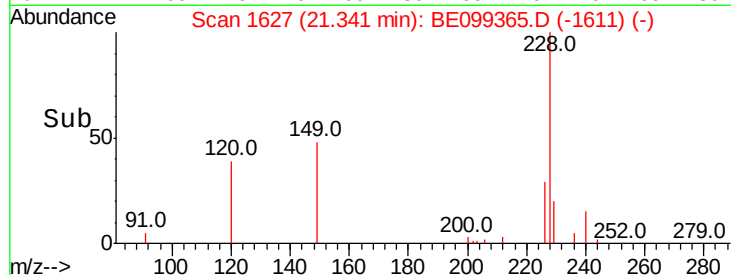
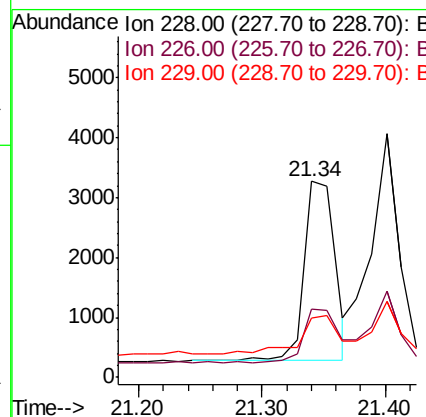
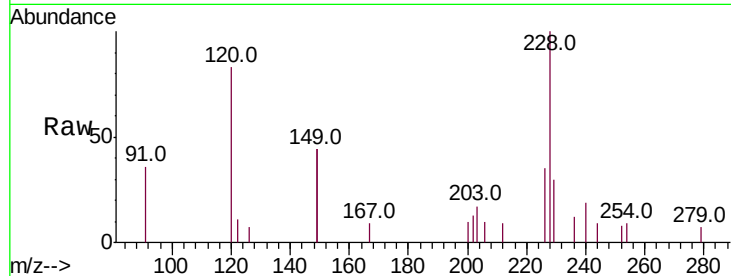
#30
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.0	33.0#
229	30.0	15.8	23.8#

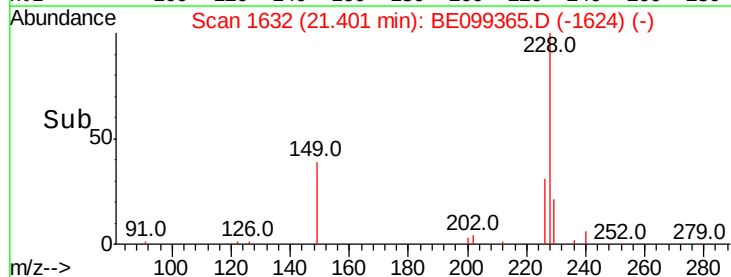
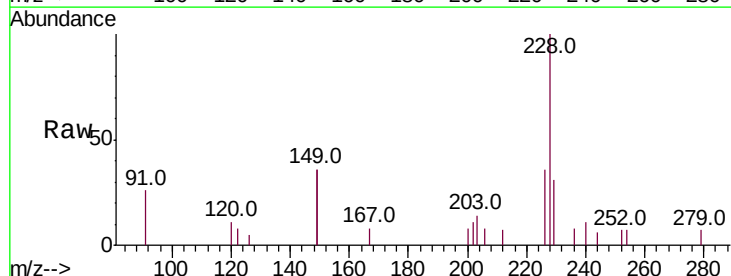
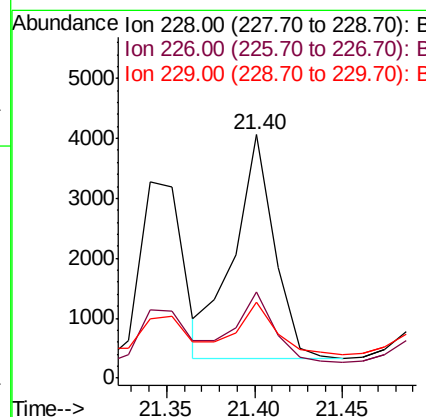
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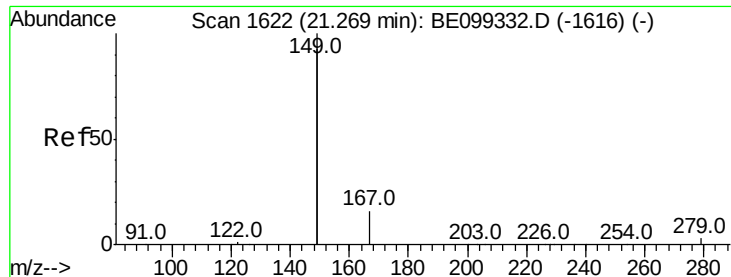
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#31
Chrysene
Concen: 0.056 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.4	35.2#
229	31.1	16.2	24.2#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.541 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Instrument :

BNA_E

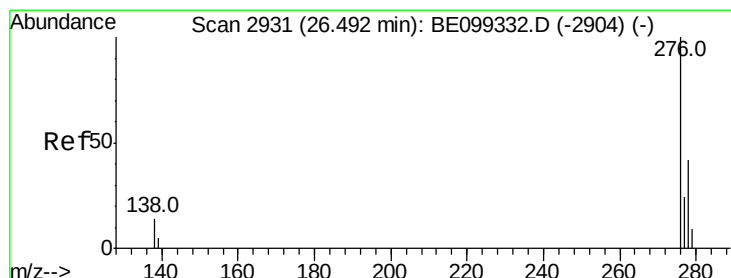
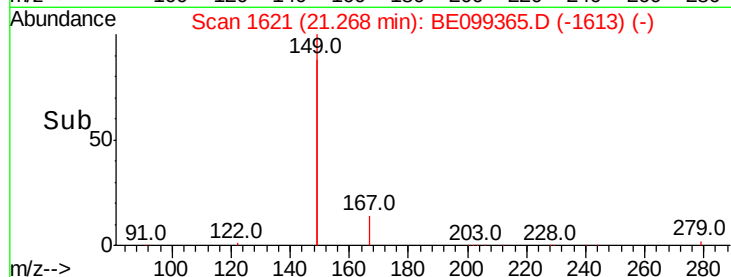
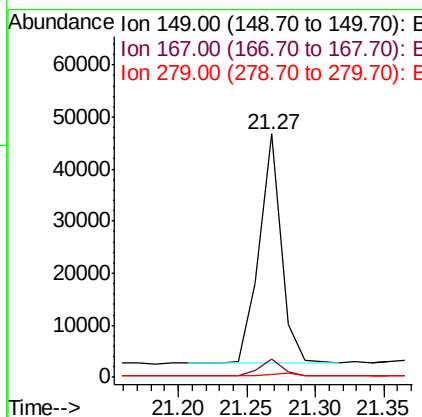
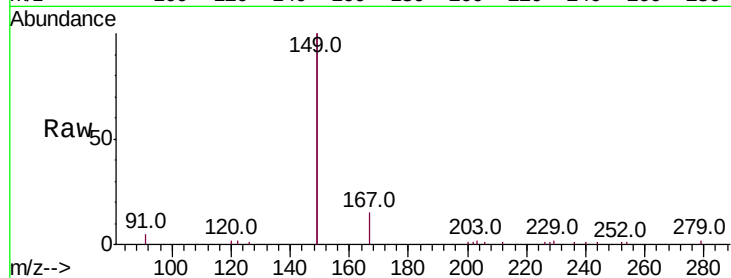
ClientSampleId :

EXT-074-SW066-042219

Tot Ion:	149	Resp:	49613
Ion Ratio	Lower	Upper	
149	100		
167	7.3	6.0	9.0
279	1.8	1.1	1.7#

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.036 ng

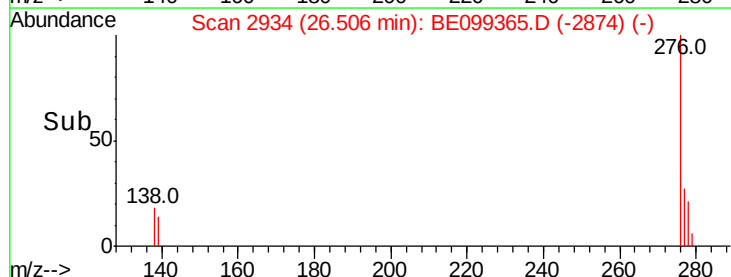
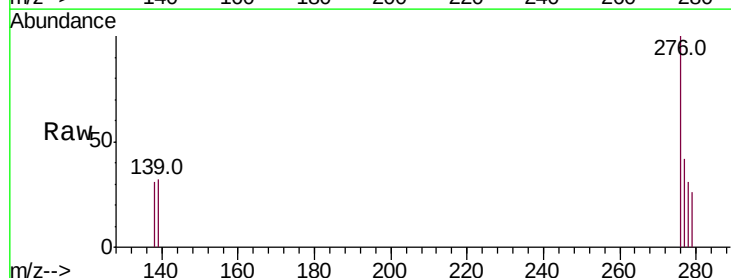
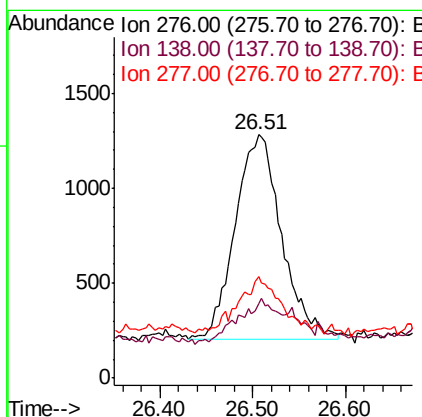
RT: 26.51 min Scan# 2934

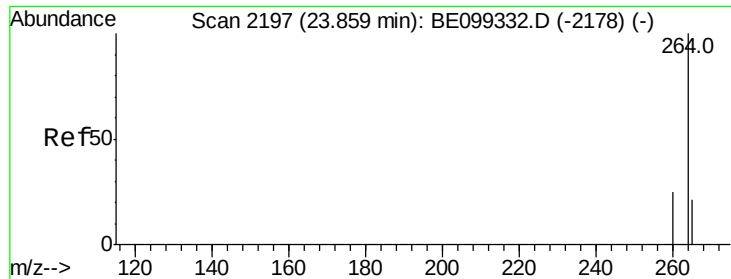
Delta R.T. 0.01 min

Lab File: BE099365.D

Acq: 25 Apr 2019 17:26

Tgt Ion:	276	Resp:	3781
Ion Ratio	Lower	Upper	
276	100		
138	18.3	12.7	19.1
277	17.5	19.6	29.4#





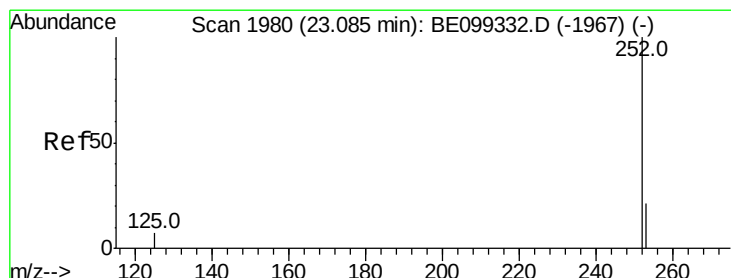
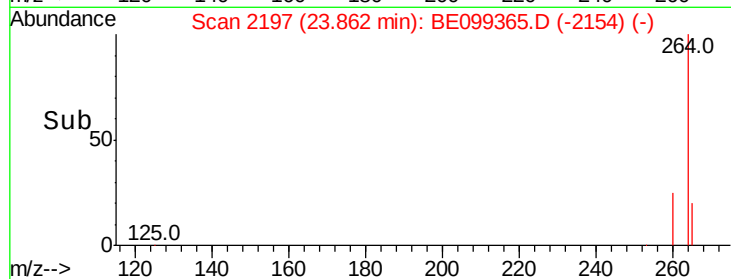
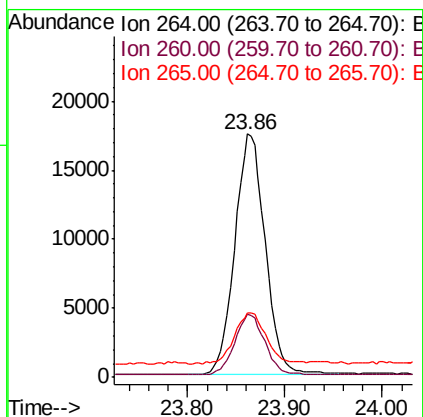
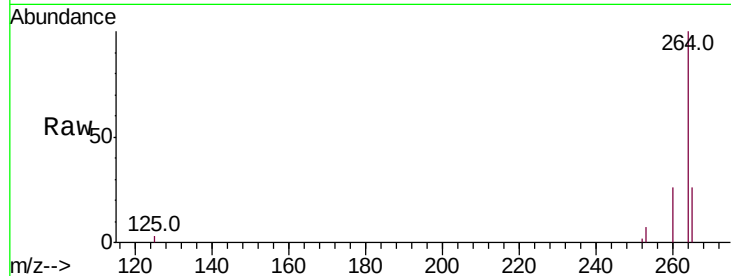
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	26.2	19.9	29.9

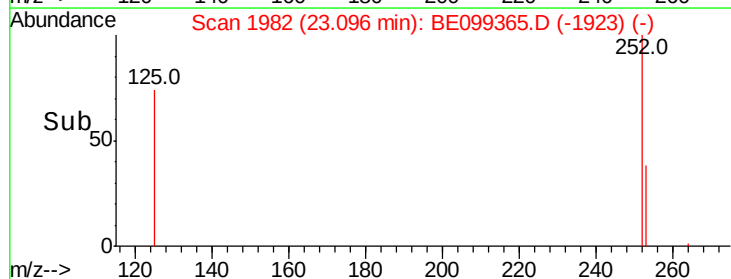
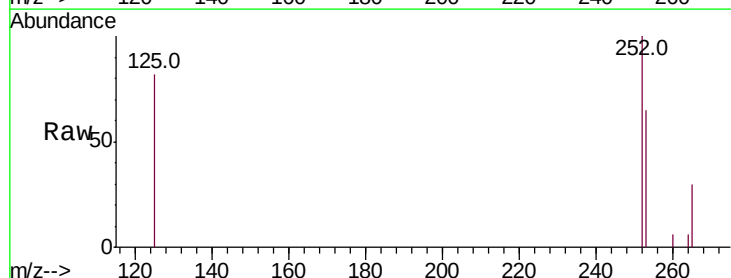
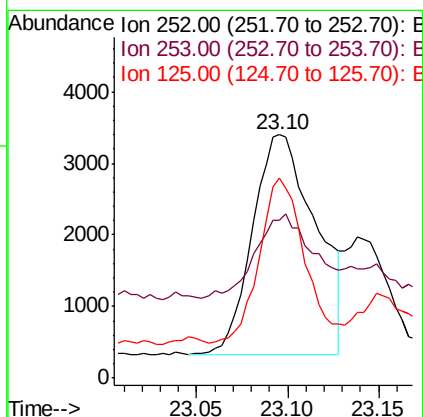
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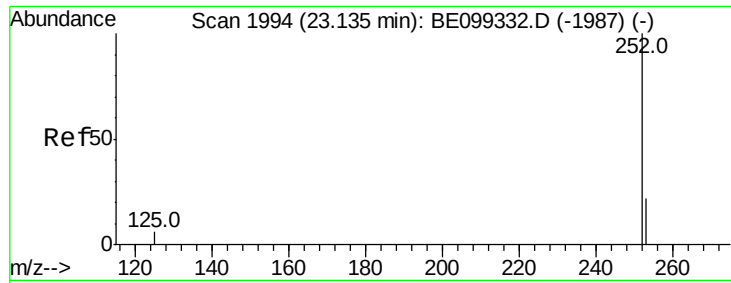
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#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 23.10 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.9	17.3	25.9#
125	82.0	5.8	8.6#





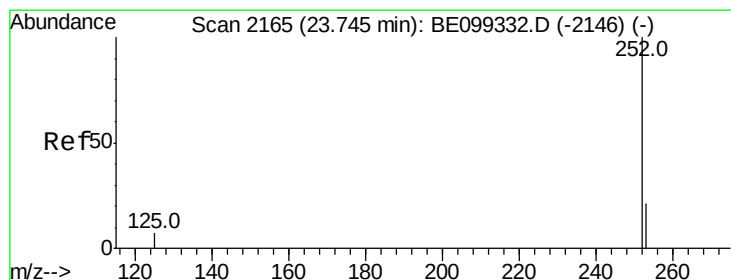
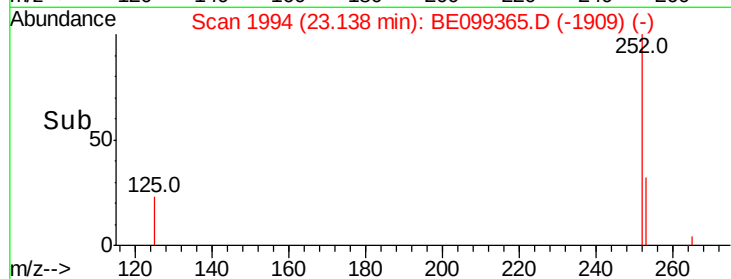
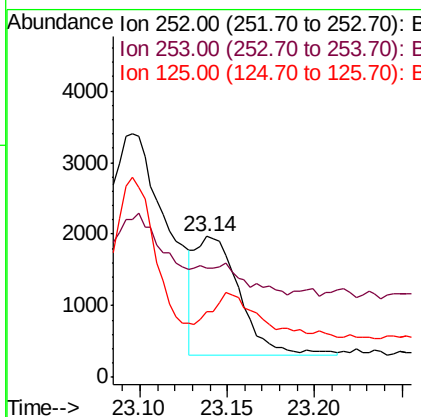
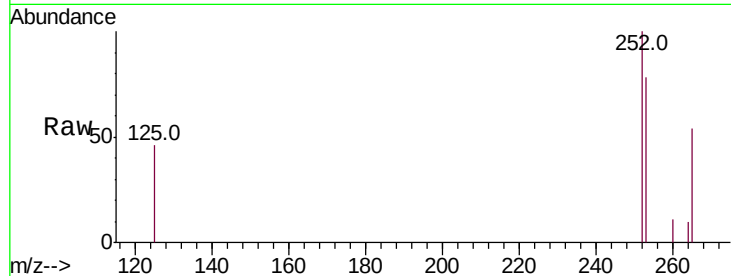
#36
Benzo(k)fluoranthene
Concen: 0.026 ng m
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW066-042219

Tot Ion:252 Resp: 2999
Ion Ratio Lower Upper
252 100
253 78.0 18.4 27.6#
125 46.5 5.4 8.0#

Manual Integrations
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4/29/2019 2:29:43 AM



#37
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:252 Resp: 5281
Ion Ratio Lower Upper
252 100
253 69.0 17.6 26.4#
125 60.8 6.5 9.7#

