

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099036.D
 Acq On : 19 Mar 2019 15:33
 Operator : JU/SJ
 Sample : K1945-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

Manual Integrations
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 3/20/2019 6:49:48 PM

Quant Time: Mar 20 10:04:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	581	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	3131	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2573	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6279	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6374	0.40	ng	0.00
34) Perylene-d12	23.91	264	5584	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	17	0.01	ng	0.07
5) Phenol-d6	6.99	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	9.21	82	139m	0.04	ng	0.25
11) 2-Methylnaphthalene-d10	12.27	152	535	0.09	ng	0.07
14) 2,4,6-Tribromophenol	16.01	330	72	0.06	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	1363	0.13	ng	0.03
25) Fluoranthene-d10	19.26	212	7549	0.08	ng	0.02
29) Terphenyl-d14	19.86	244	1635	0.11	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	1931	2.054	ng	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	1945	0.046	ng	# 99

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

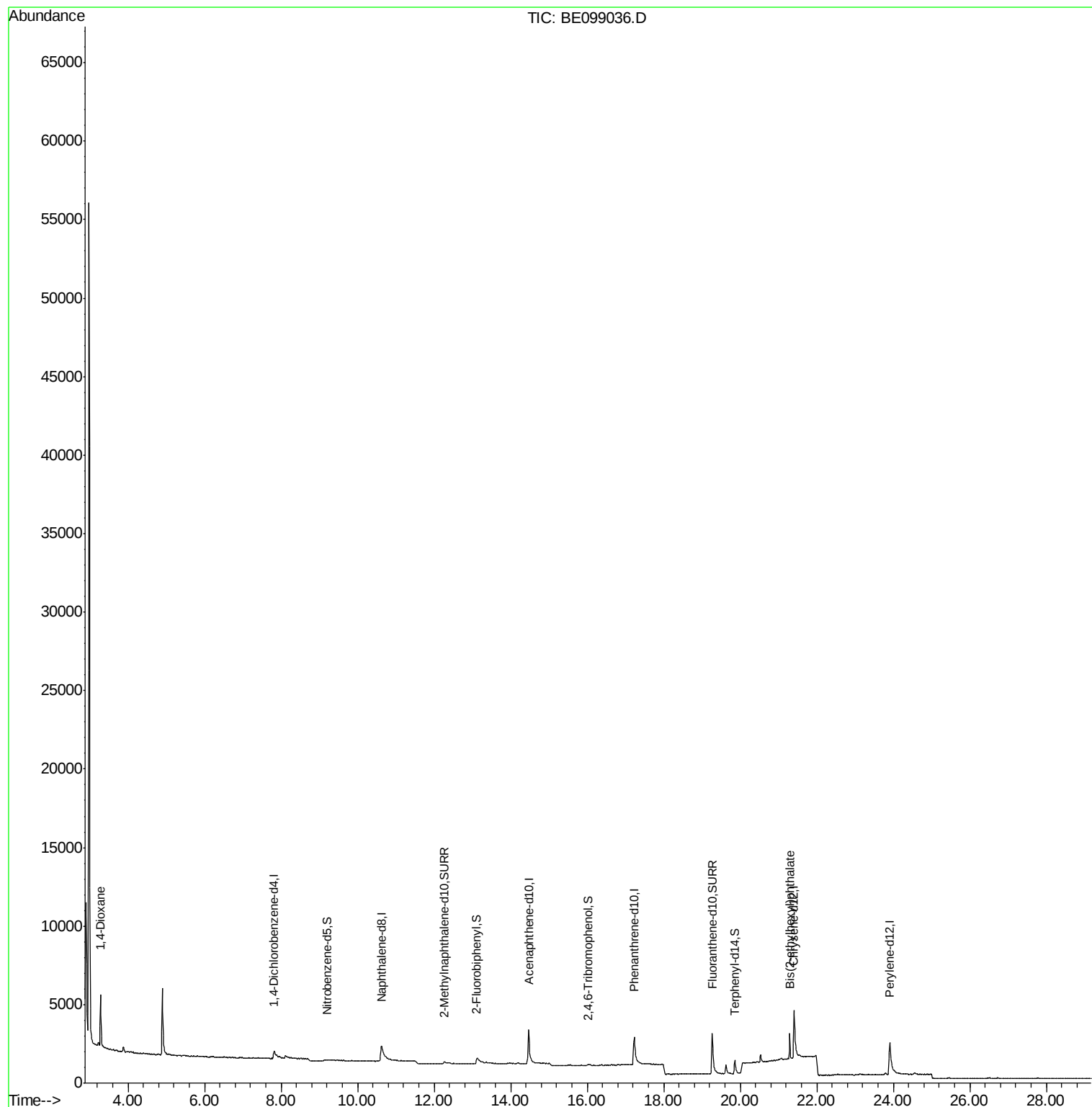
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
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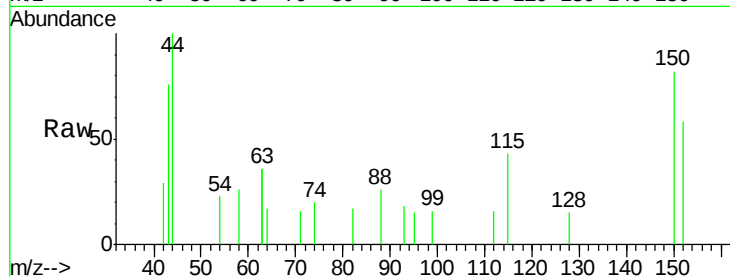




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33

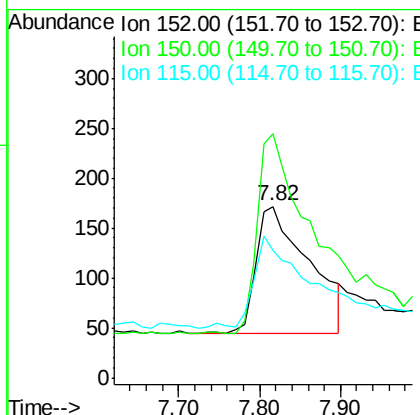
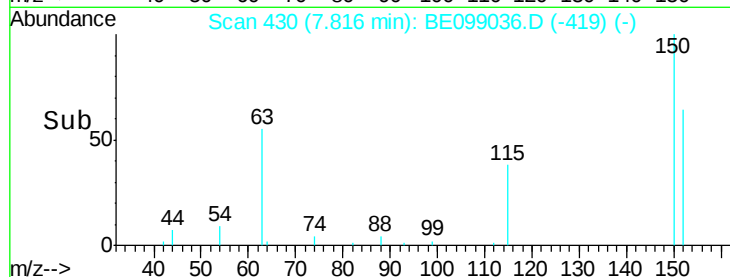
Instrument :
BNA_E
ClientSampleId :
M4-T1-UV(PRE)DL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.9	122.5	183.7
115	74.4	57.4	86.2

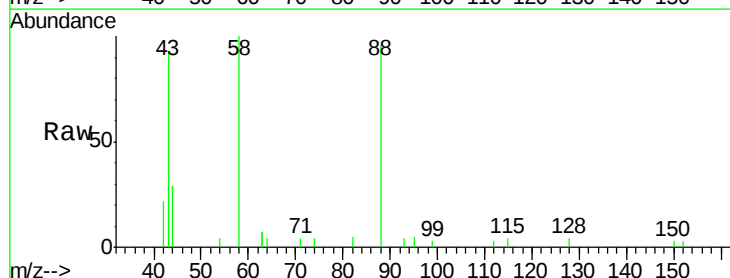
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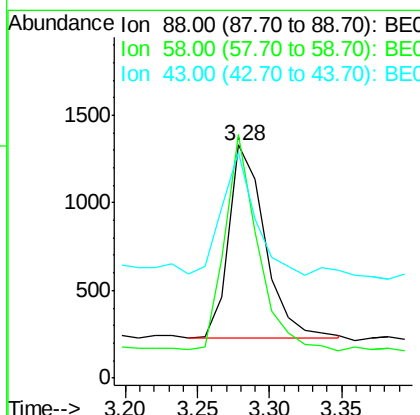
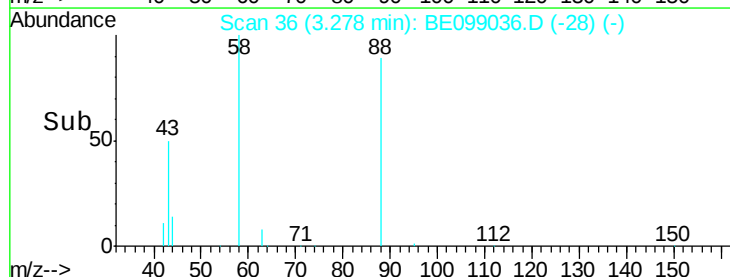


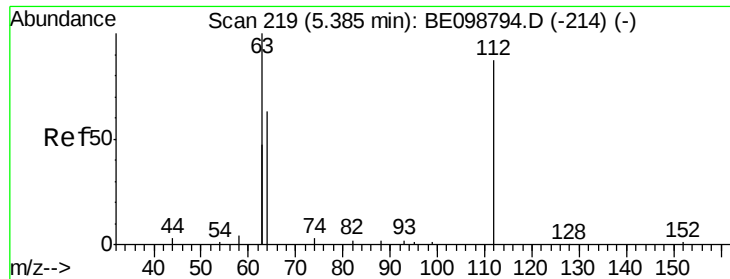
#2

1,4-Dioxane
Concen: 2.054 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33



Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.6	75.8	113.6
43	57.2	41.8	62.8





#4

2-Fluorophenol

Concen: 0.010 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.07 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

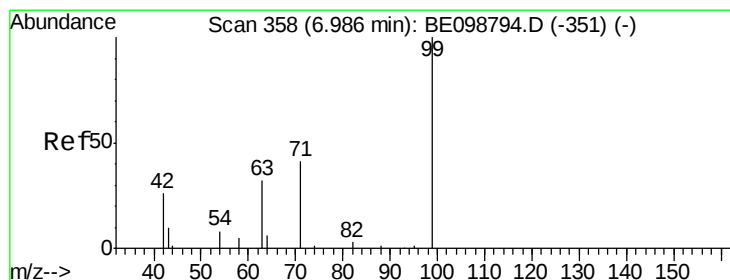
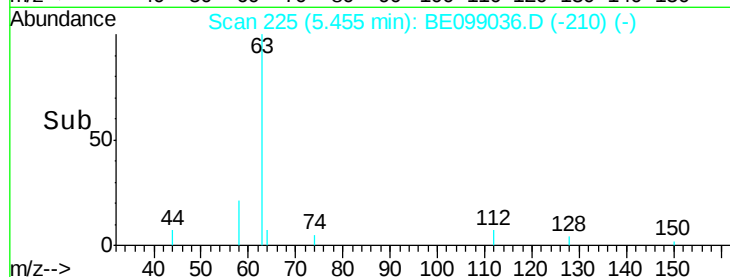
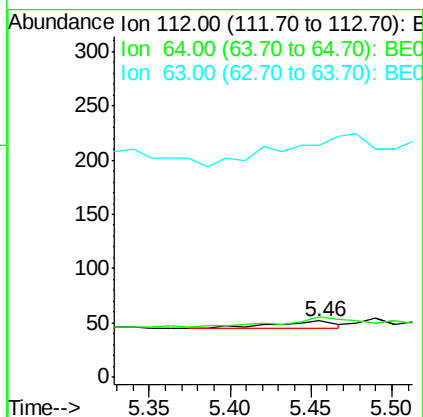
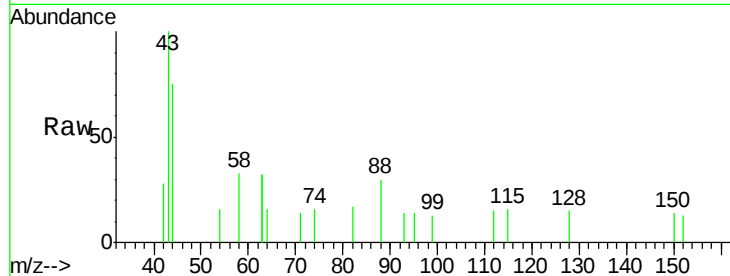
ClientSampleId :

M4-T1-UV(PRE)DL

Tgt Ion:	112	Resp:	17
Ion Ratio	Lower	Upper	
112	100		
64	176.5	57.9	86.9#
63	0.0	158.3	237.5#

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#5

Phenol-d6

Concen: 0.001 ng

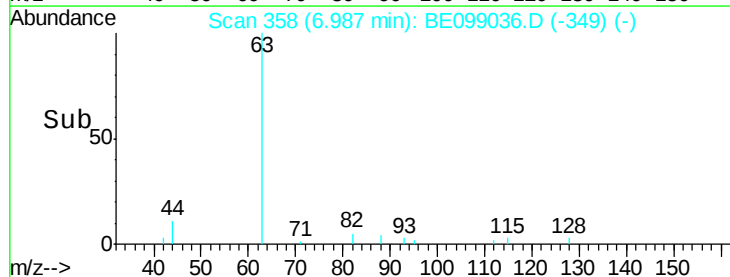
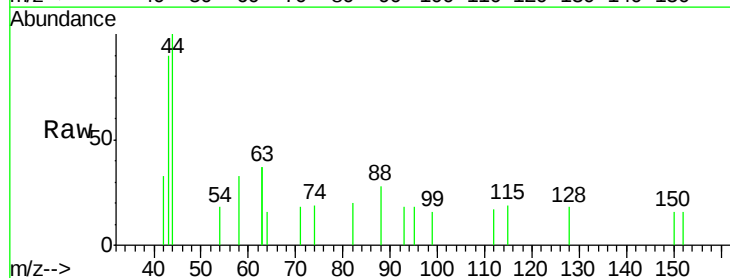
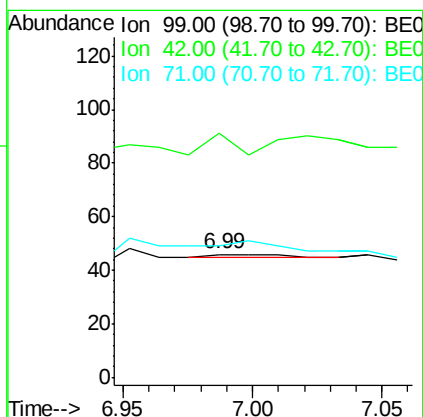
RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Tgt Ion:	99	Resp:	2
Ion Ratio	Lower	Upper	
99	100		
42	300.0	24.2	36.2#
71	550.0	35.7	53.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

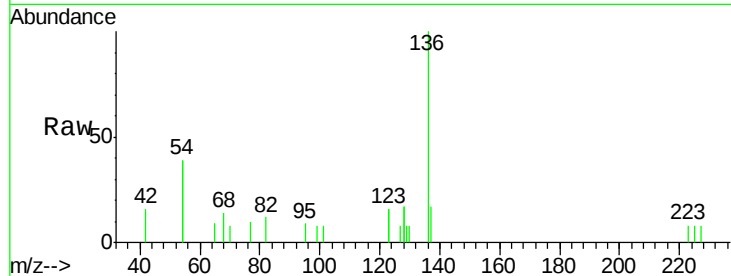
ClientSampled :

M4-T1-UV(PRE)DL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	17.4	11.4	17.0#
54	79.0	39.3	58.9#
68	13.7	6.7	10.1#

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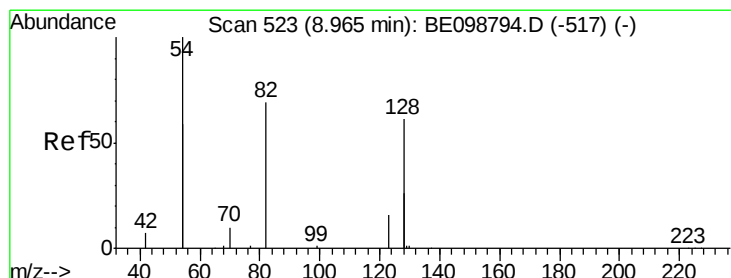
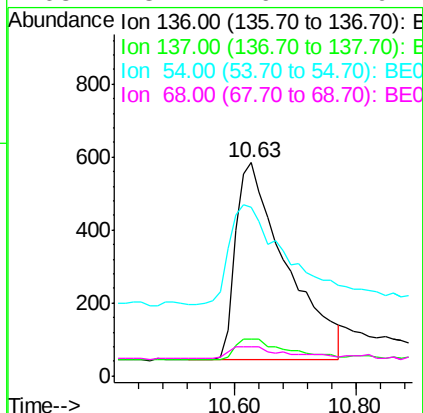
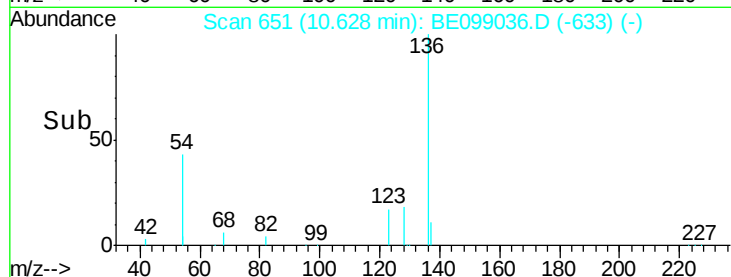
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



#8

Nitrobenzene-d5

Concen: 0.042 ng m

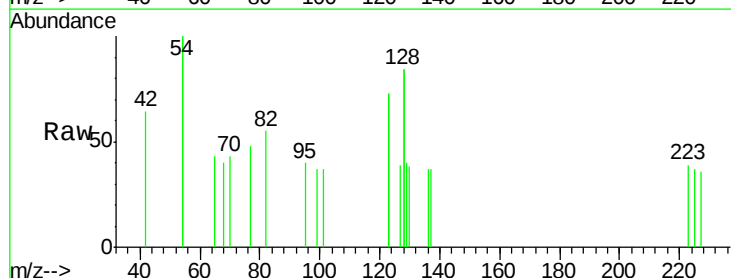
RT: 9.21 min Scan# 542

Delta R.T. 0.25 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Tgt Ion	Ratio	Lower	Upper
82	100		
128	152.2	123.8	185.8
54	182.1	203.4	305.2#

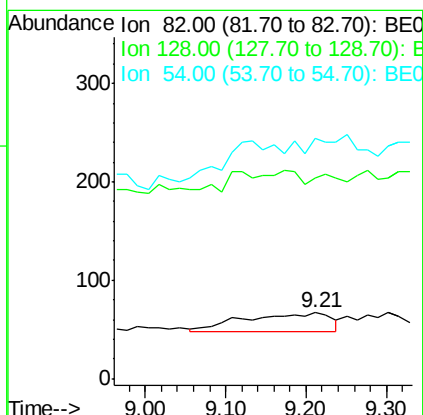
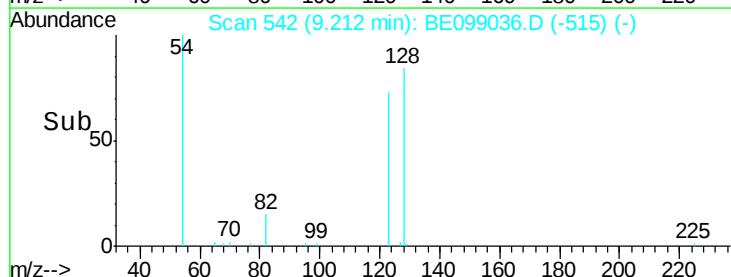


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





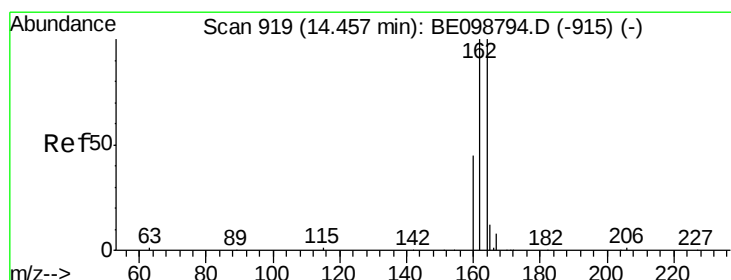
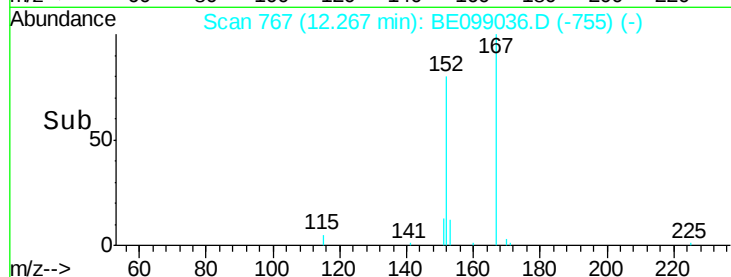
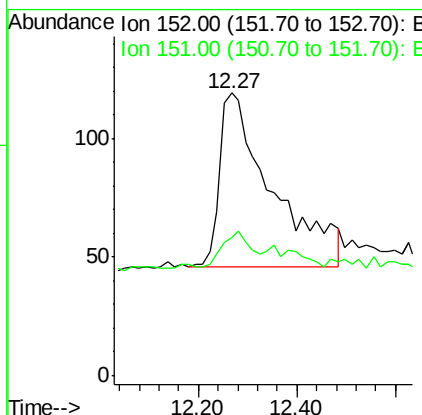
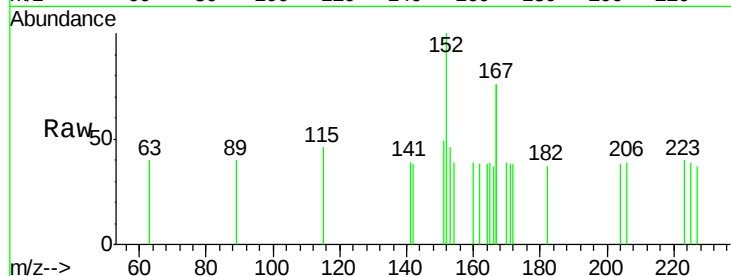
#11
 2-Methylnaphthalene-d10
 Concen: 0.092 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.07 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

Tgt Ion:152 Resp: 535
 Ion Ratio Lower Upper
 152 100
 151 10.5 16.5 24.7#

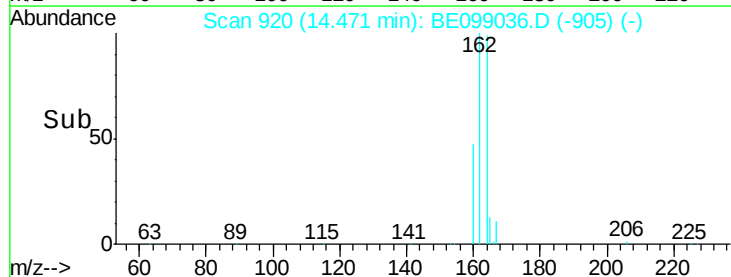
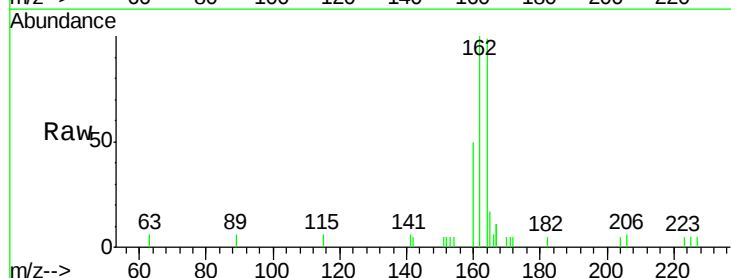
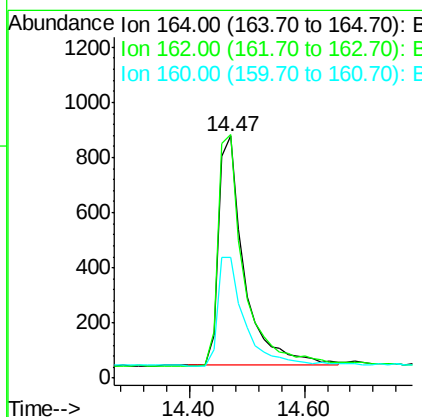
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Tgt Ion:164 Resp: 2573
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 49.9 37.8 56.8





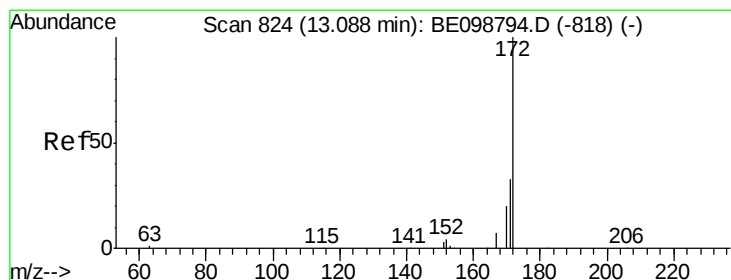
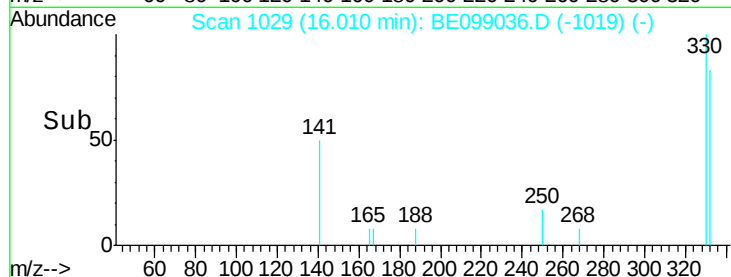
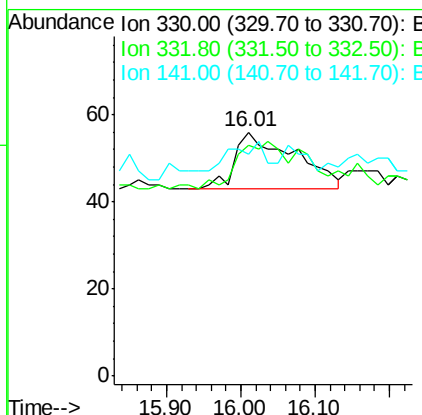
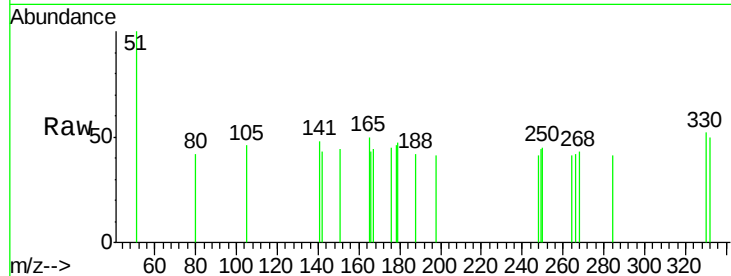
#14
 2,4,6-Tribromophenol
 Concen: 0.055 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Instrument :
 BNA_E
 ClientSampleID :
 M4-T1-UV(PRE)DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.6	116.4#
141	0.0	31.0	46.4#

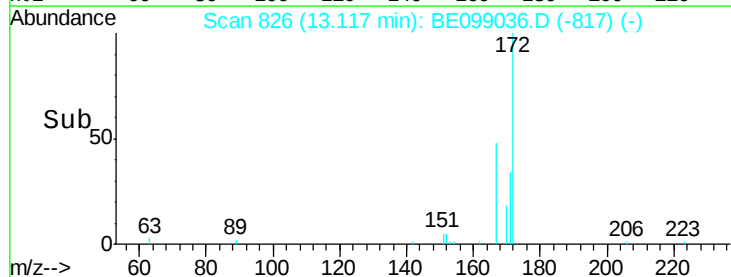
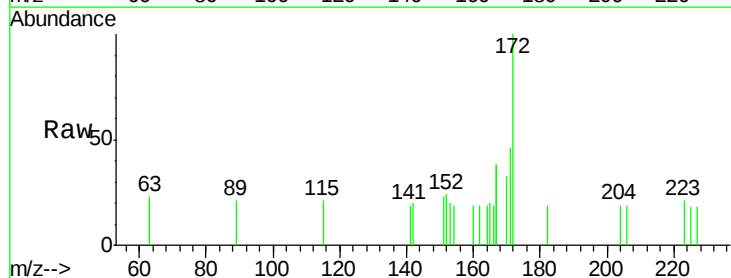
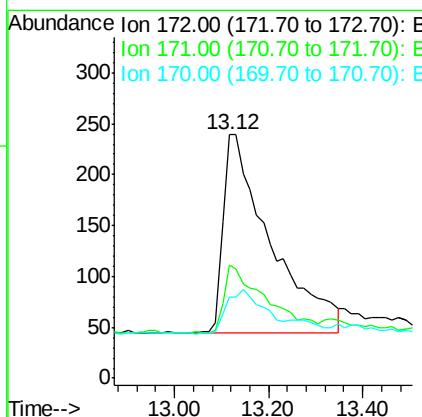
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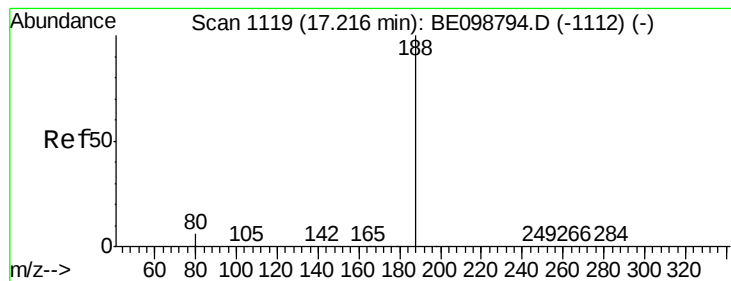
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#15
 2-Fluorobiphenyl
 Concen: 0.128 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	46.4	28.0	42.0#
170	33.5	17.7	26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

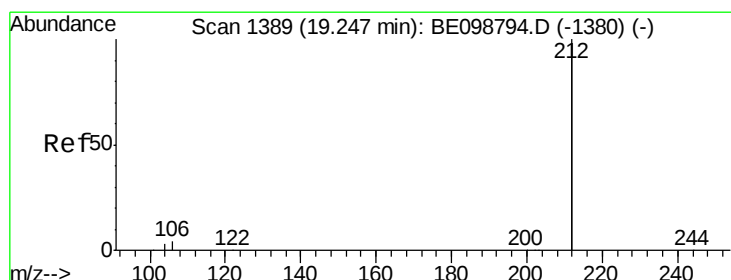
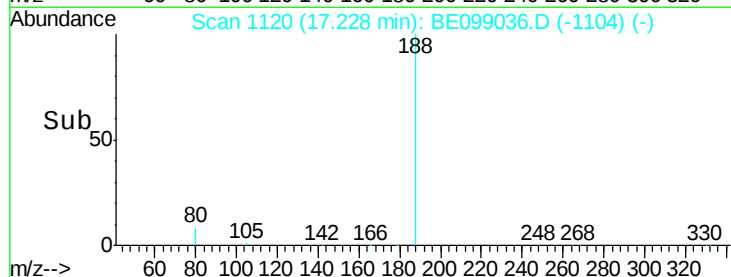
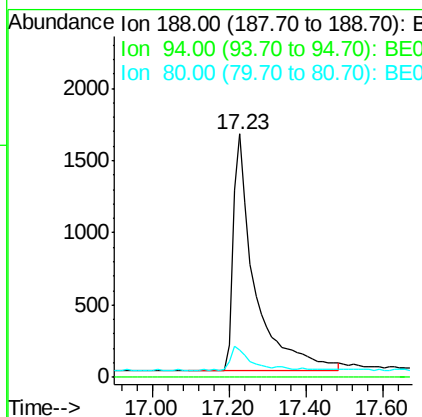
ClientSampleId :

M4-T1-UV(PRE)DL

Tgt Ion:	188	Resp:	6279
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	6.3	9.5#

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#25

Fluoranthene-d10

Concen: 0.075 ng

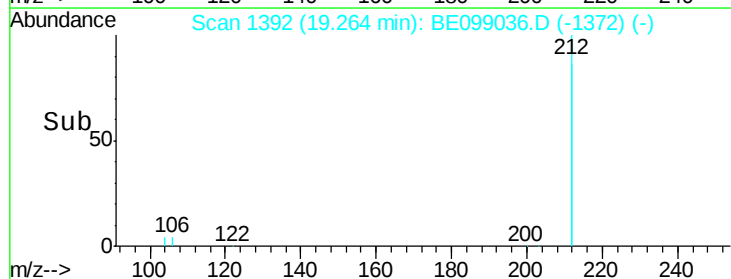
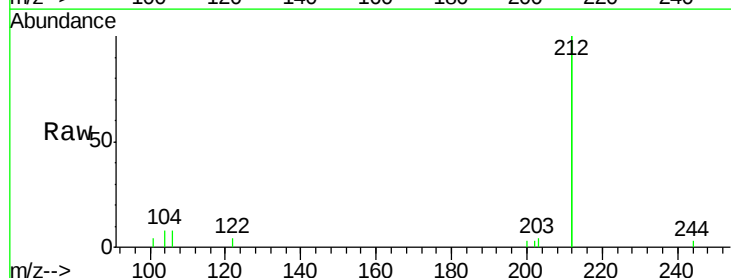
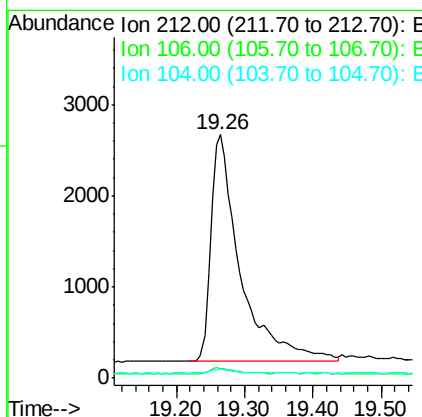
RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Tgt Ion:	212	Resp:	7549
Ion Ratio	Lower	Upper	
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

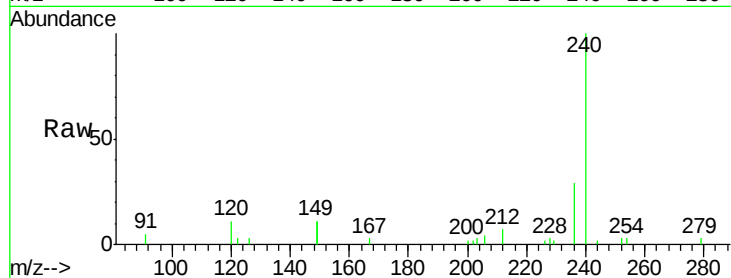
ClientSampleId :

M4-T1-UV(PRE)DL

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.0	7.4#
236	29.4	22.7	34.1

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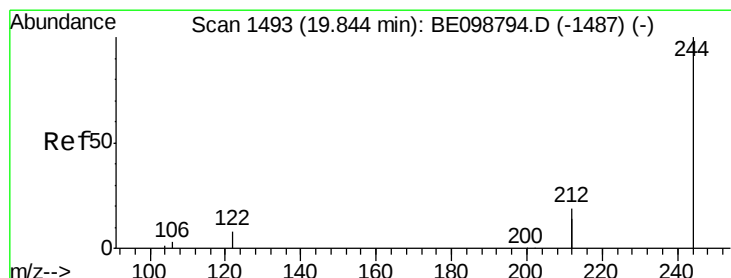
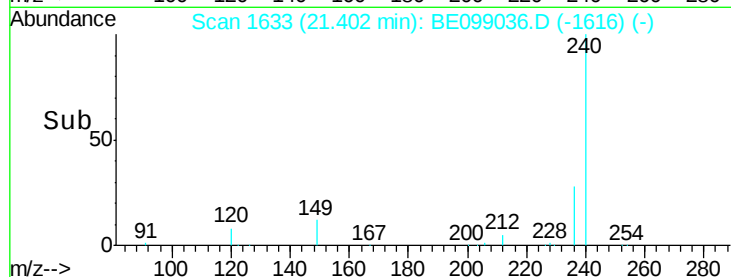
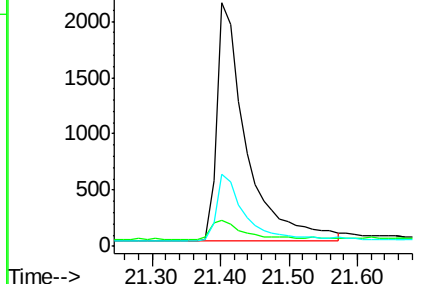
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.106 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099036.D

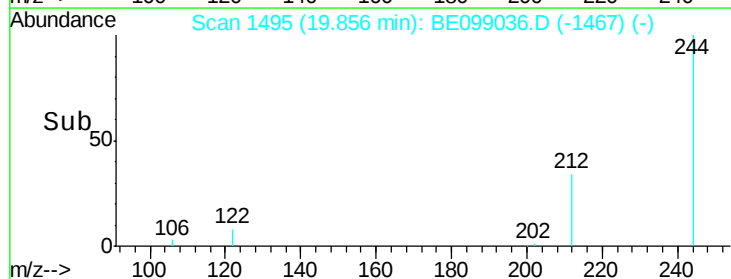
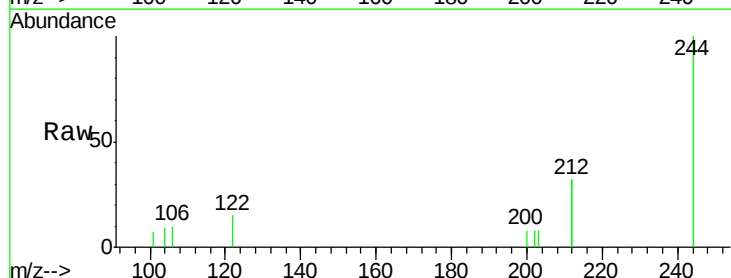
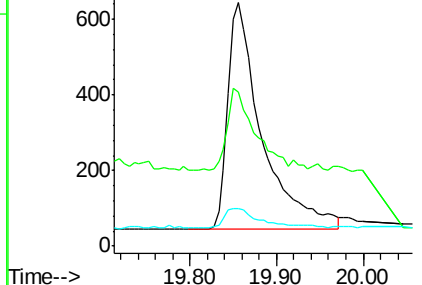
Acq: 19 Mar 2019 15:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	63.4	29.4	44.2#
122	15.4	7.1	10.7#

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





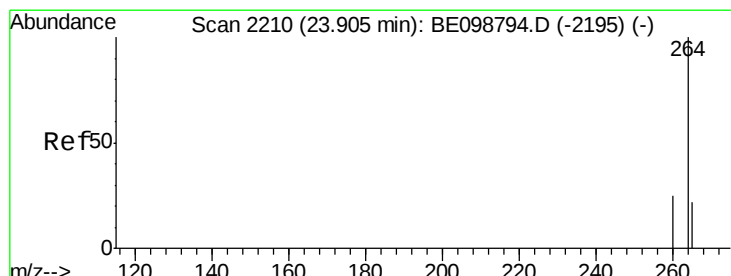
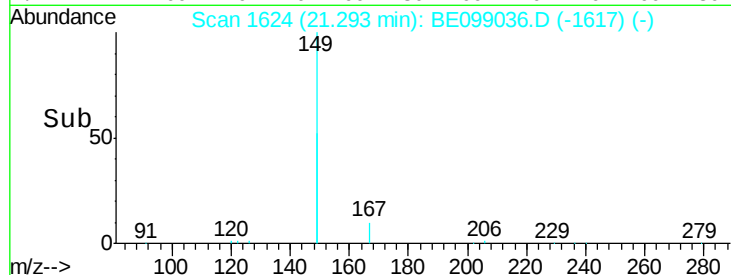
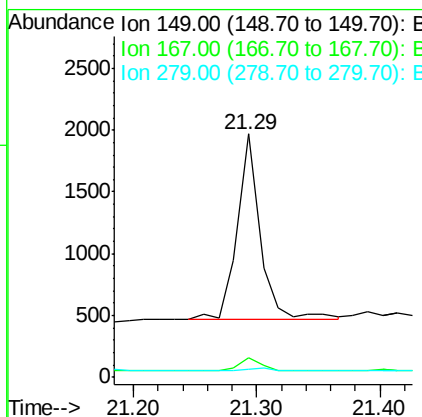
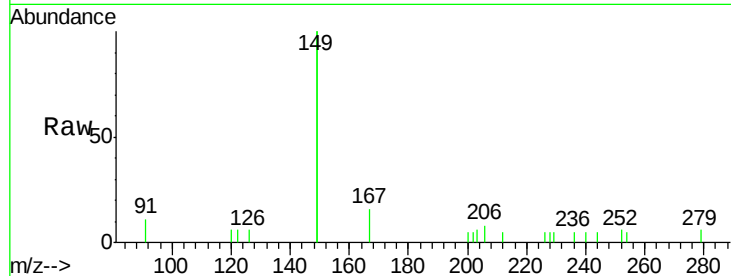
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	7.1	5.4	8.0
279	1.5	1.0	1.4

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	27.9	21.2	31.8
265	33.2	24.6	36.8

