

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098392.D
 Acq On : 13 Dec 2018 12:10
 Operator : SJ/JU
 Sample : J6325-08DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205DL

Manual Integrations
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 12/13/2018 6:10:23 PM

Quant Time: Dec 13 14:42:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	860	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	3892	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2663	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7038	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7965	0.40	ng	0.00
34) Perylene-d12	24.01	264	7340	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	37	0.02	ng	0.02
5) Phenol-d6	7.08	99	20	0.01	ng	0.03
8) Nitrobenzene-d5	9.15	82	97m	0.03	ng	0.13
11) 2-Methylnaphthalene-d10	12.30	152	268	0.04	ng	0.03
14) 2,4,6-Tribromophenol	16.04	330	52	0.05	ng	0.02
15) 2-Fluorobiphenyl	13.17	172	629	0.06	ng	0.03
25) Fluoranthene-d10	19.31	212	3875	0.04	ng	0.00
29) Terphenyl-d14	19.91	244	853	0.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1265	0.851	ng	Qvalue # 94

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

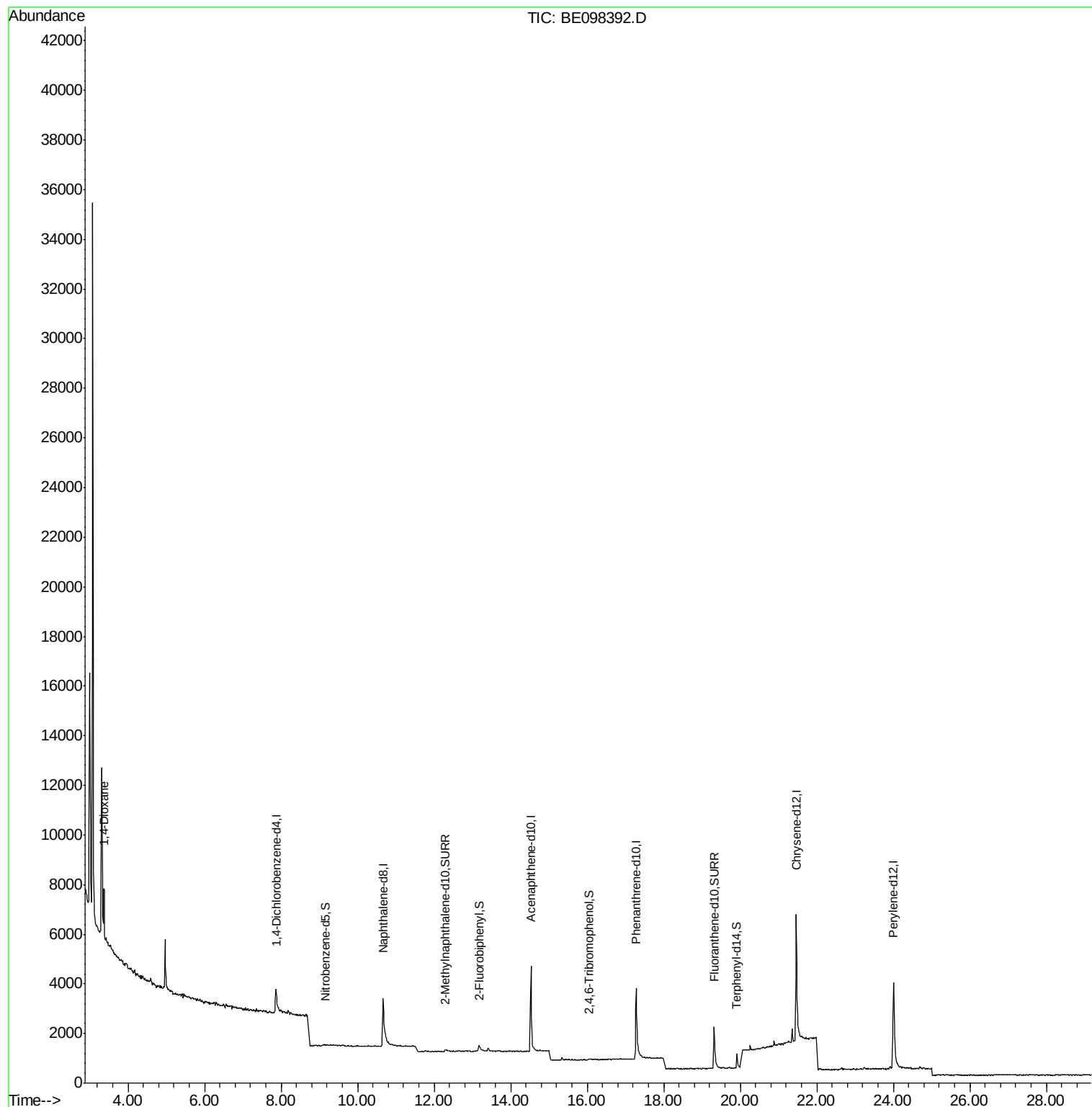
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098392.D
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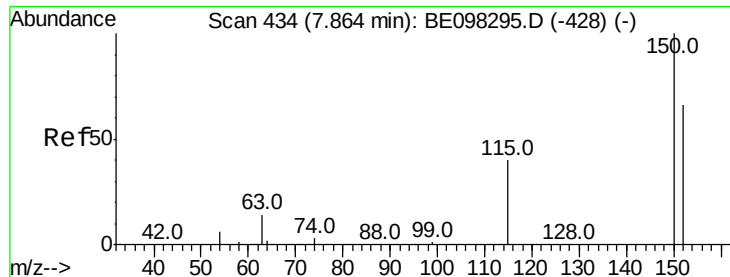
Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205DL

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12/13/2018 6:10:23 PM

Quant Time: Dec 13 14:42:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

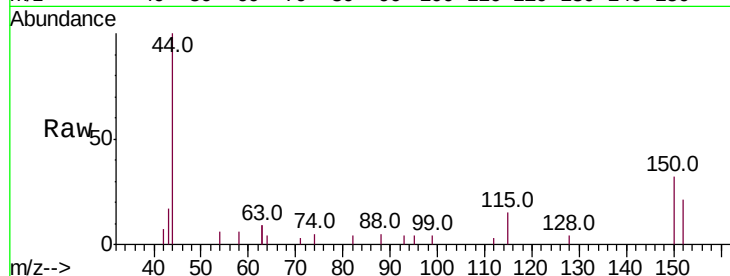
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	124.2	186.4
115	69.9	53.9	80.9

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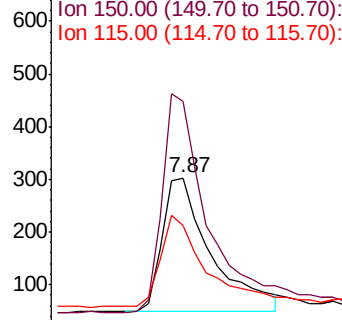


Abundance

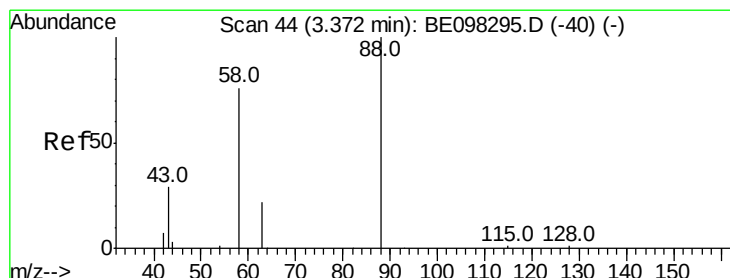
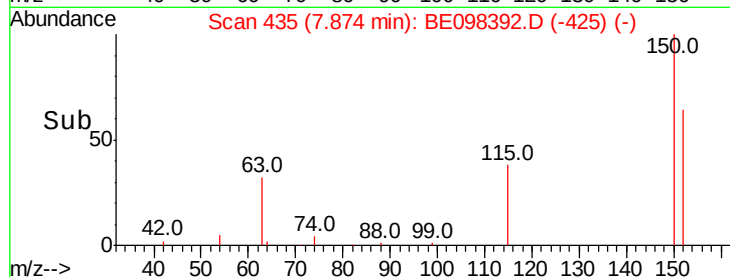
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



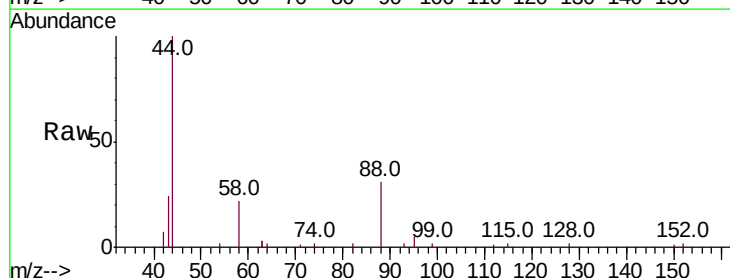
Time-->



#2

1,4-Dioxane
Concen: 0.851 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.9	75.0	112.6
43	59.7	38.3	57.5

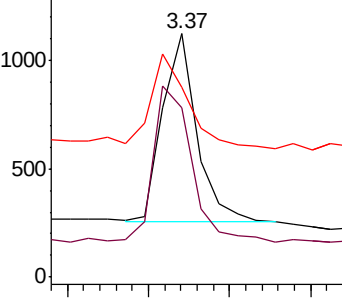


Abundance

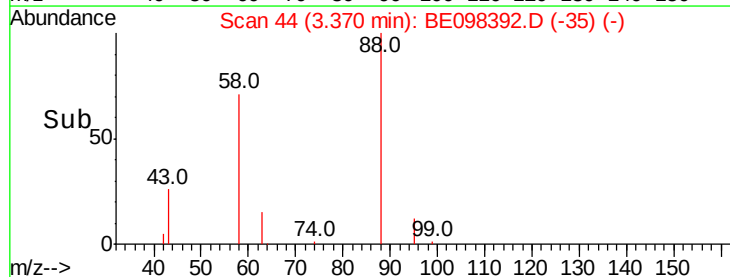
Ion 88.00 (87.70 to 88.70): BE0

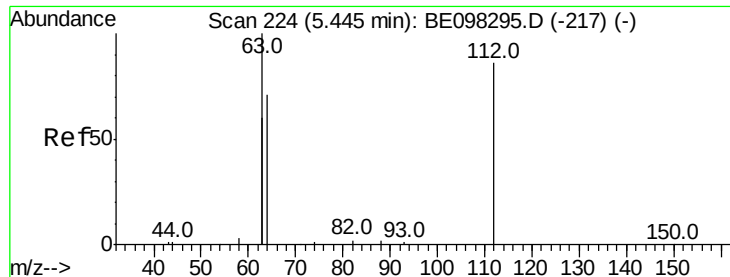
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

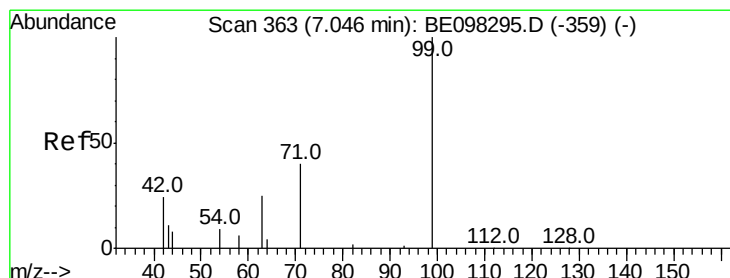
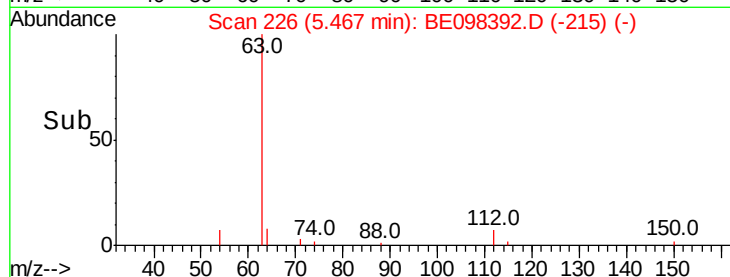
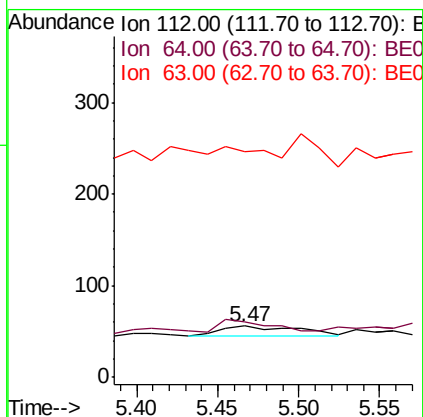
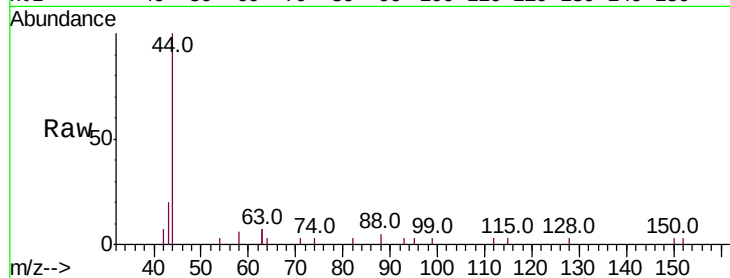
ClientSampleID :

RE-131D1-20181205DL

Tot Ion:	112	Resp:	37
Ion Ratio	Lower	Upper	
112	100		
64	83.8	59.8	89.8
63	0.0	133.7	200.5#

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#5

Phenol-d6

Concen: 0.007 ng

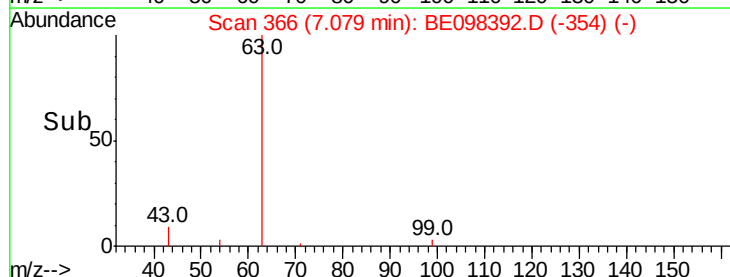
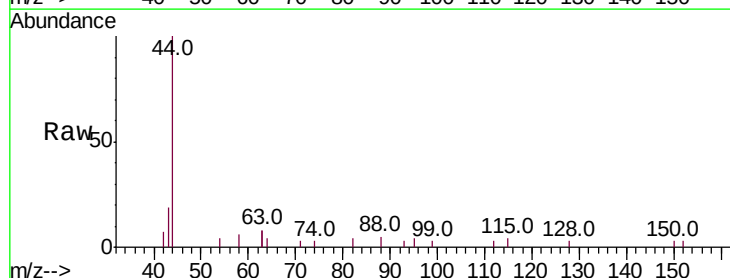
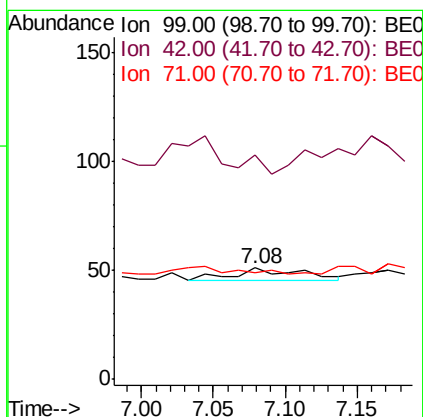
RT: 7.08 min Scan# 366

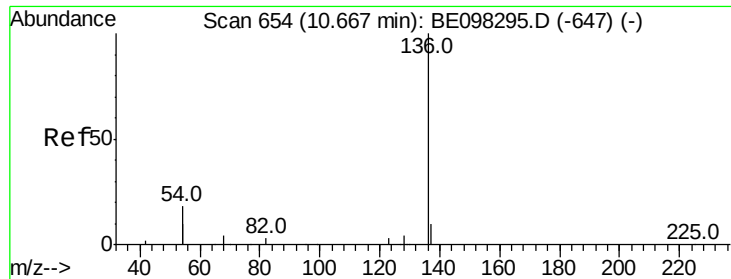
Delta R.T. 0.03 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Tgt Ion:	99	Resp:	20
Ion Ratio	Lower	Upper	
99	100		
42	0.0	26.3	39.5#
71	0.0	33.6	50.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

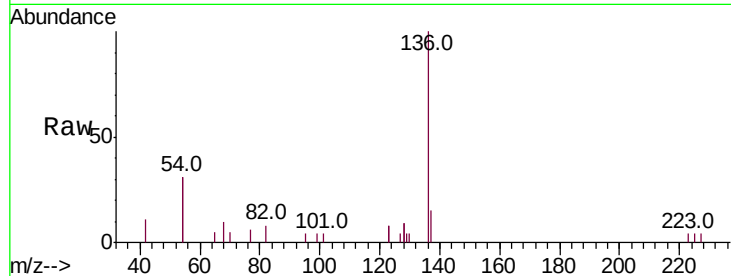
ClientSampleId :

RE-131D1-20181205DL

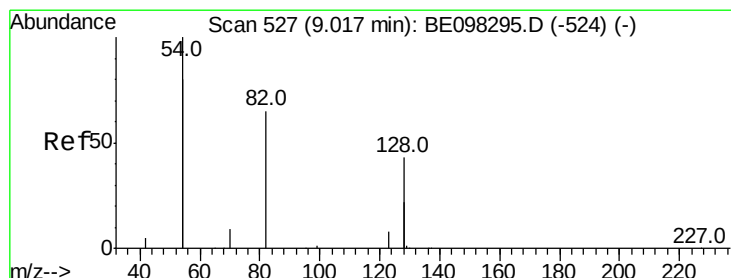
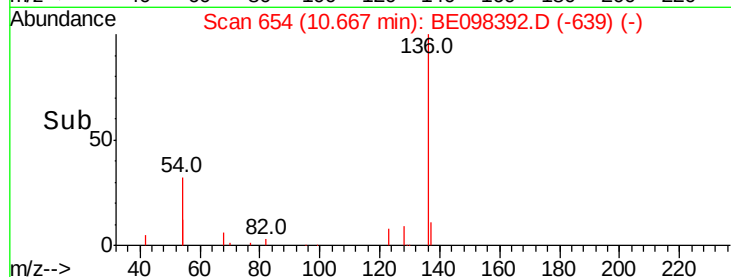
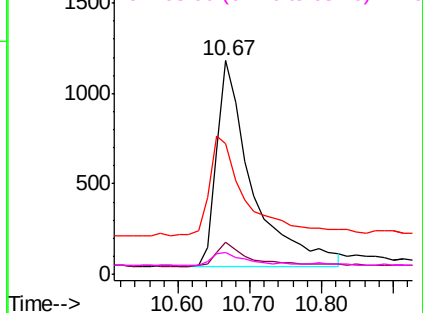
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.2	13.8#
54	61.1	28.4	42.6#
68	10.3	5.4	8.0#

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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



#8

Nitrobenzene-d5

Concen: 0.027 ng m

RT: 9.15 min Scan# 537

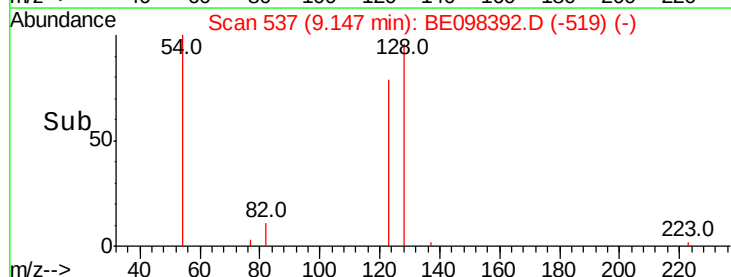
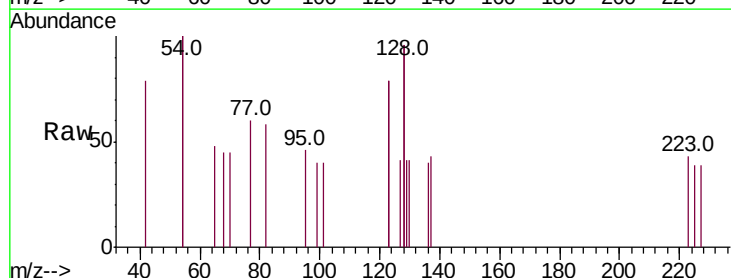
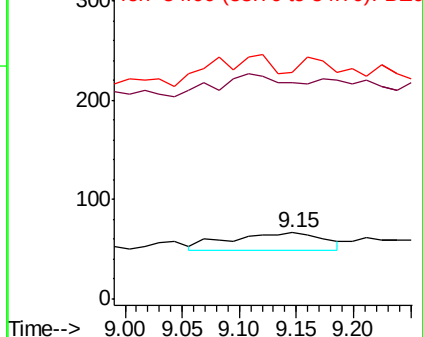
Delta R.T. 0.13 min

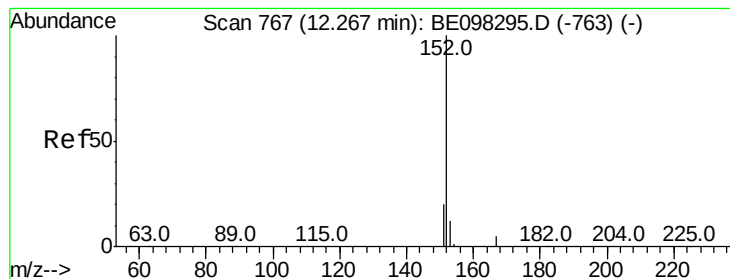
Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	165.2	102.4	153.6#
54	172.7	221.8	332.8#

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





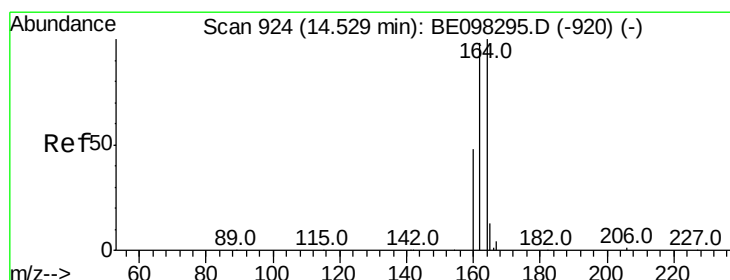
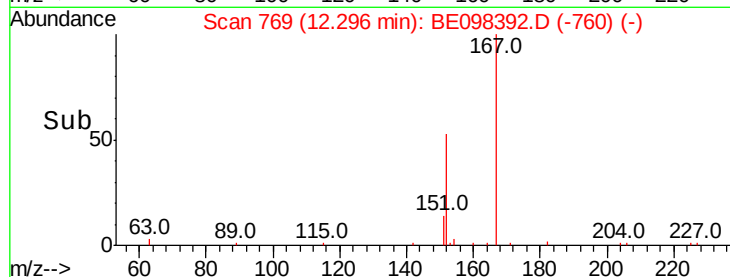
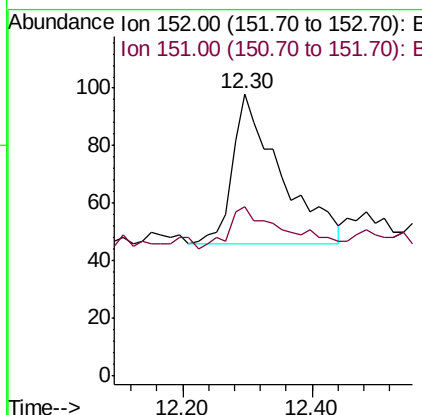
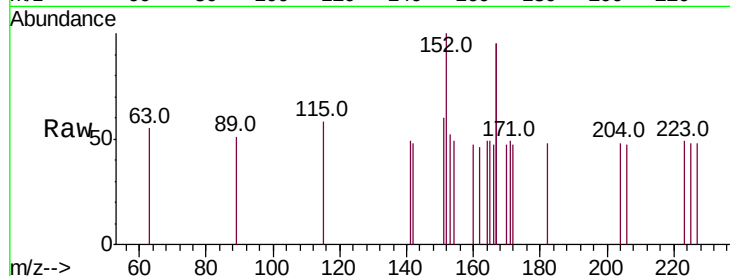
#11
 2-Methylnaphthalene-d10
 Concen: 0.042 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.03 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205DL

Tot Ion:152 Resp: 268
 Ion Ratio Lower Upper
 152 100
 151 32.8 16.2 24.4#

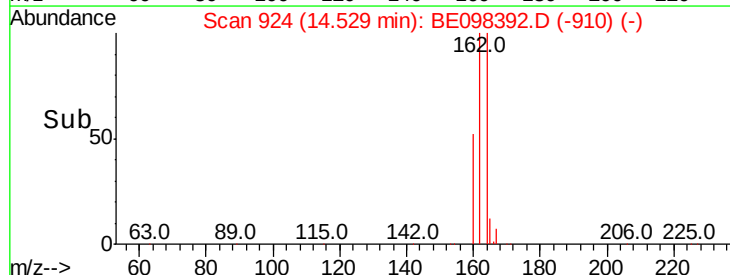
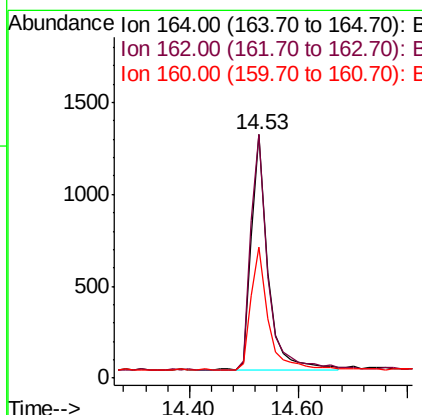
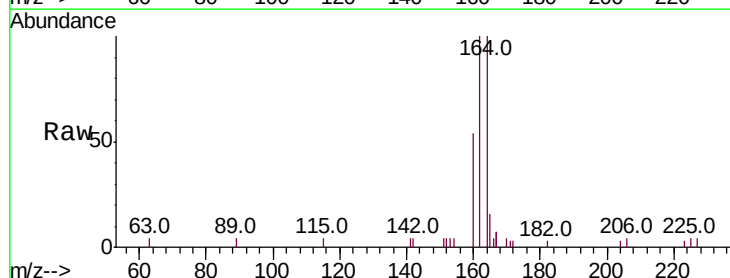
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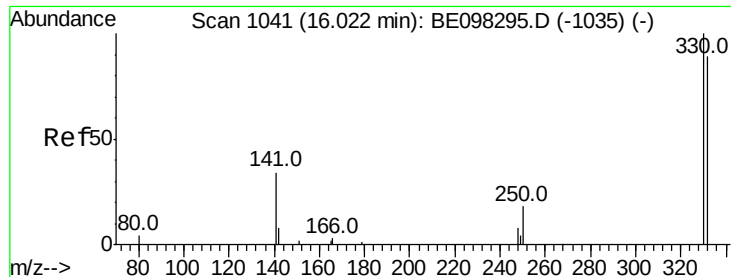
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Tgt Ion:164 Resp: 2663
 Ion Ratio Lower Upper
 164 100
 162 99.8 77.6 116.4
 160 53.8 36.0 54.0





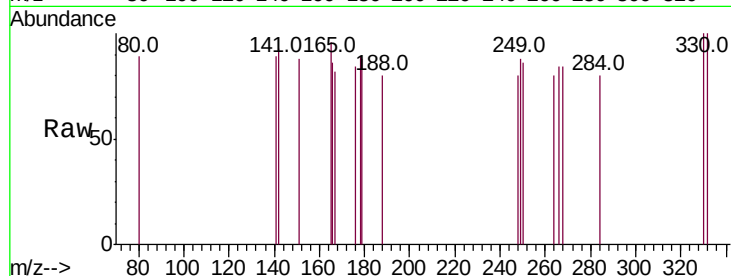
#14
 2,4,6-Tribromophenol
 Concen: 0.053 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205DL

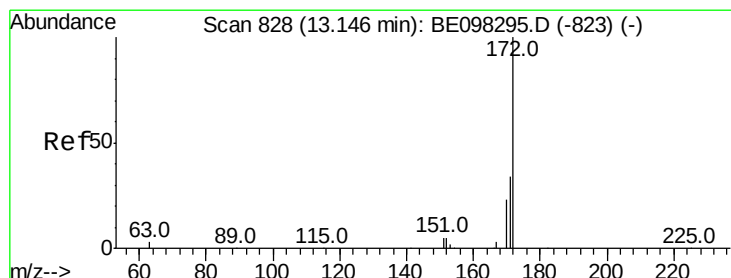
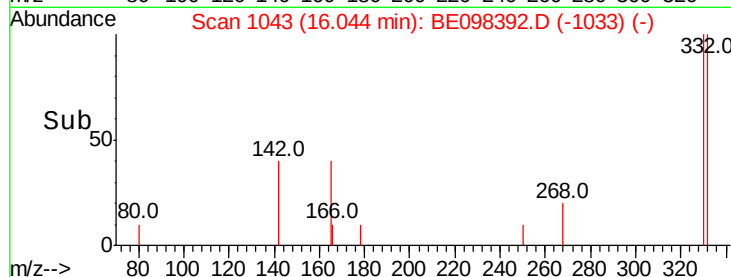
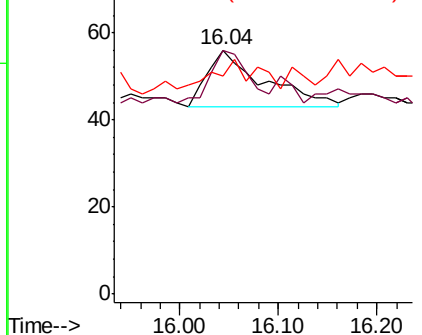
Tot Ion	Ratio	Lower	Upper
330	100		
332	59.6	76.2	114.4#
141	38.5	39.0	58.4#

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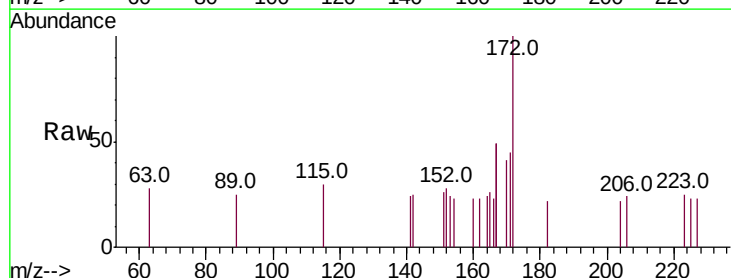


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

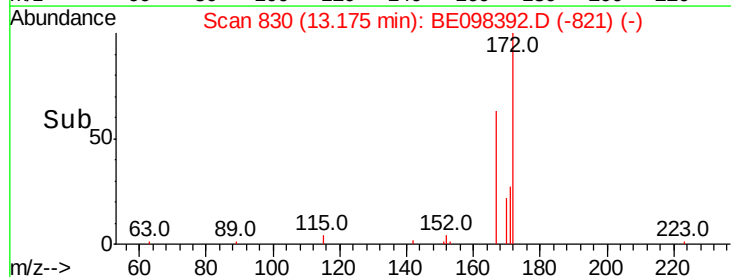
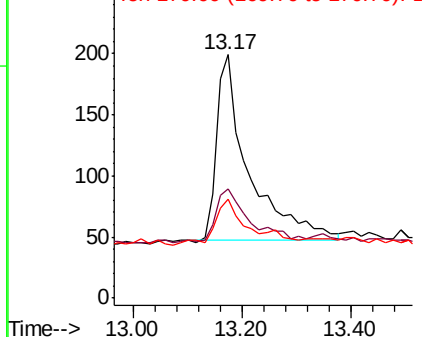


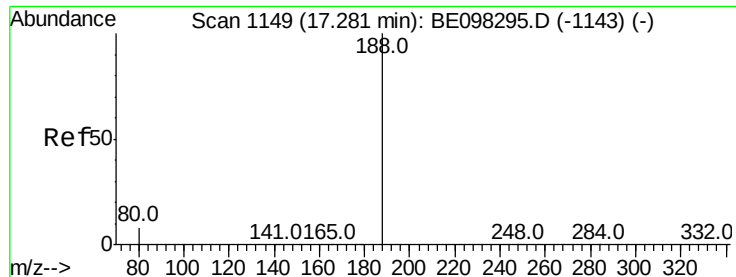
#15
 2-Fluorobiphenyl
 Concen: 0.056 ng
 RT: 13.17 min Scan# 830
 Delta R.T. 0.03 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.7	27.5	41.3#
170	40.7	19.6	29.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





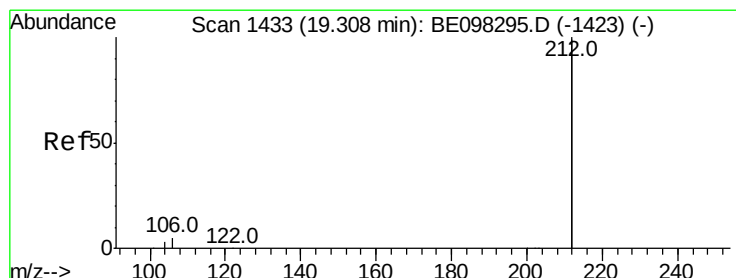
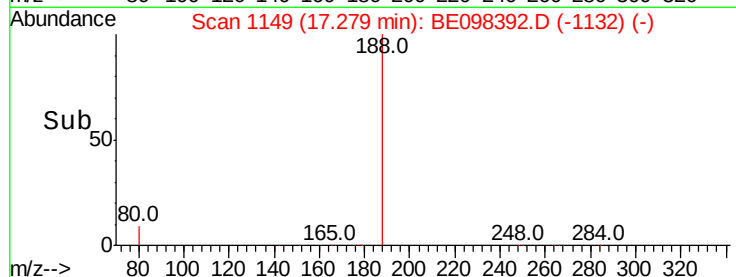
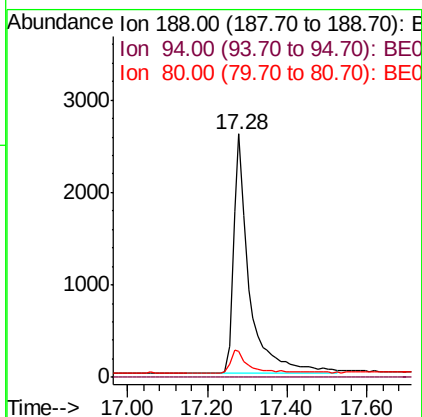
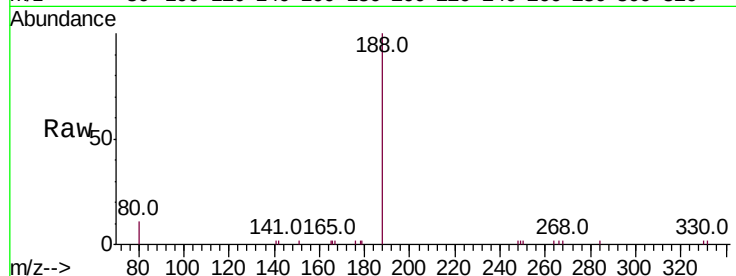
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.2	10.8

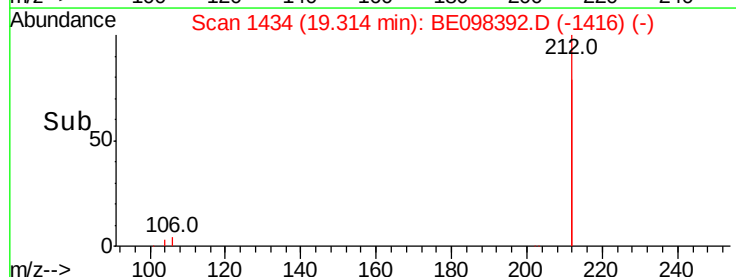
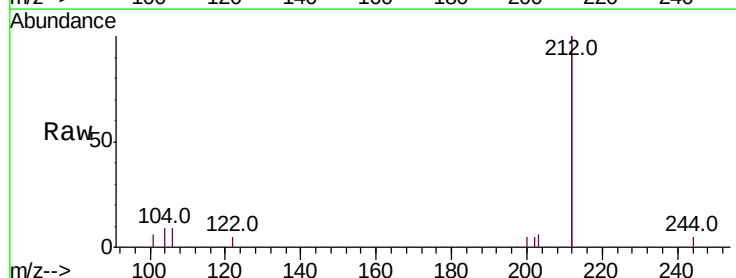
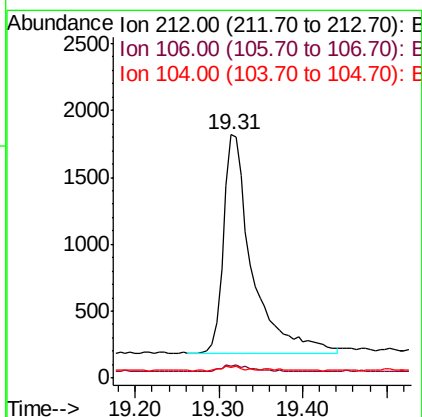
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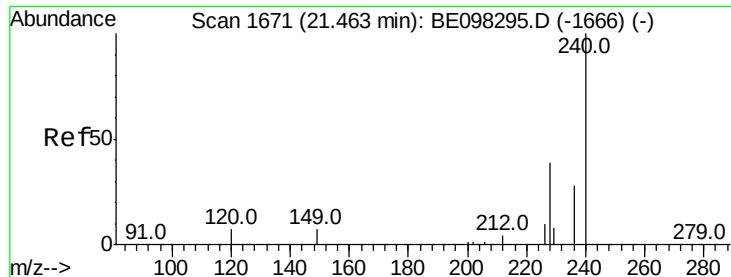
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#25
Fluoranthene-d10
Concen: 0.043 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.2	3.2
104	1.4	1.3	1.9





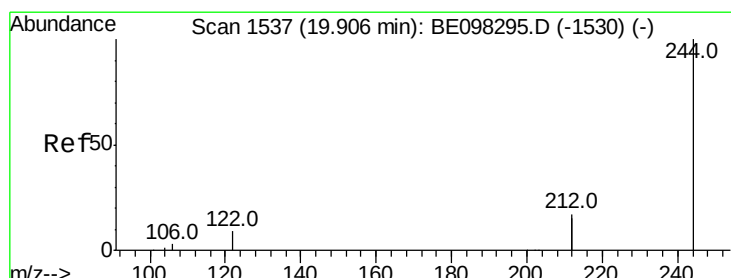
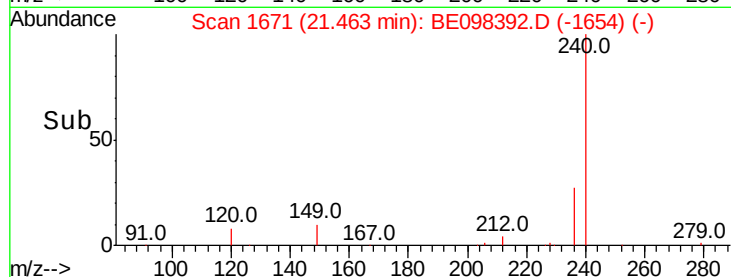
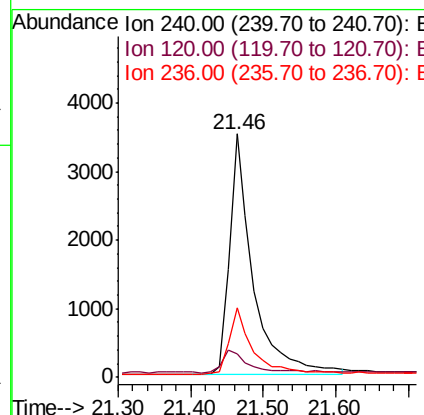
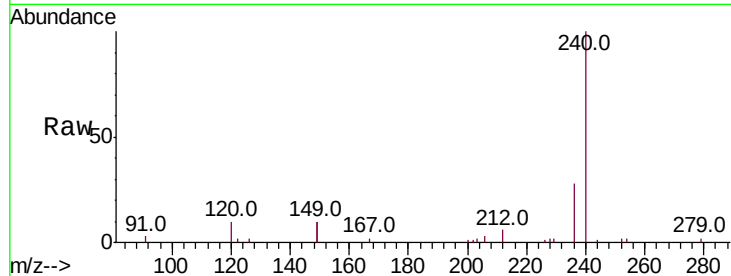
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	28.4	22.7	34.1

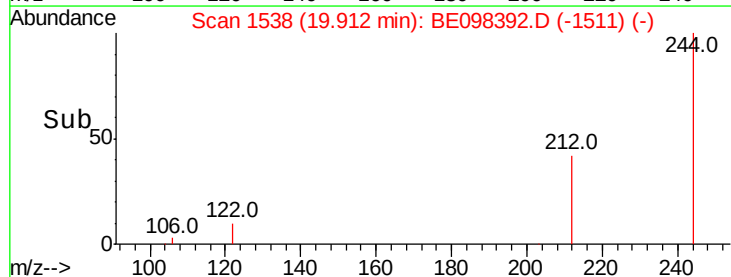
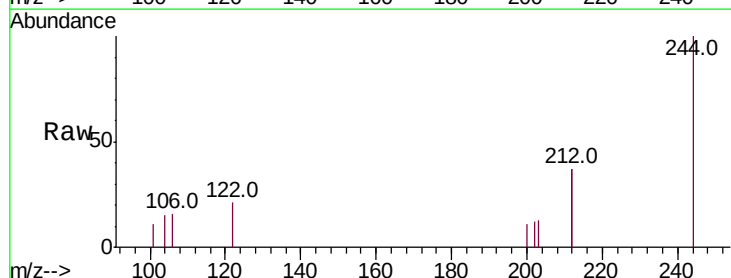
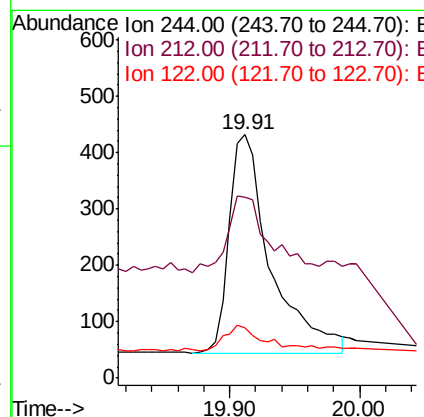
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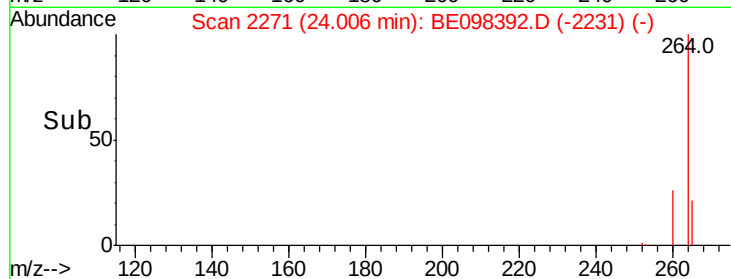
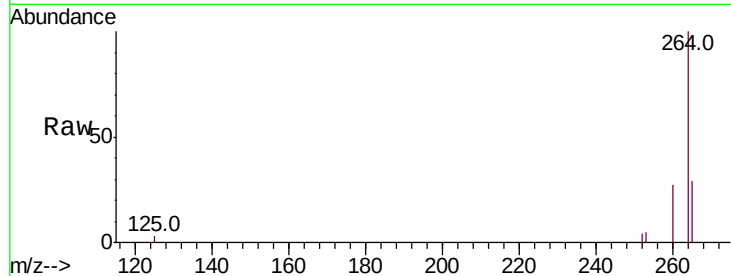
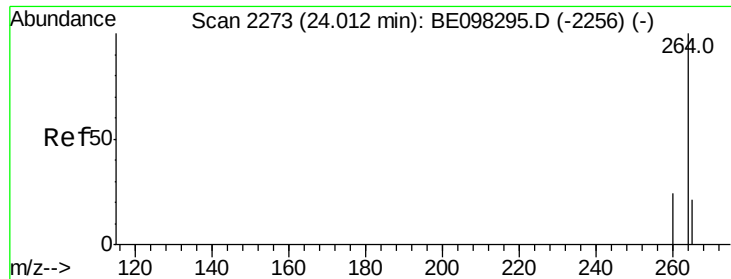
Sohil
 12/13/2018 6:10:23 PM



#29
 Terphenyl-d14
 Concen: 0.044 ng
 RT: 19.91 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	74.1	27.4	41.0#
122	20.8	8.3	12.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.2	30.2
265	29.0	25.2	37.8

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:10:23 PM

