

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098394.D
 Acq On : 13 Dec 2018 13:25
 Operator : SJ/JU
 Sample : J6324-02DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205DL

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:10:25 PM

Quant Time: Dec 13 14:47:53 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	7.86	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3956	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2704	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7209	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8067	0.40	ng	0.00
34) Perylene-d12	24.00	264	7720	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	272	0.13	ng	0.01
5) Phenol-d6	7.08	99	245	0.08	ng	0.04
8) Nitrobenzene-d5	9.08	82	145m	0.04	ng	0.06
11) 2-Methylnaphthalene-d10	12.28	152	507	0.08	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	123	0.12	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1052	0.09	ng	0.01
25) Fluoranthene-d10	19.31	212	7912	0.09	ng	0.00
29) Terphenyl-d14	19.91	244	1742	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2851	1.824	ng	Qvalue 98

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

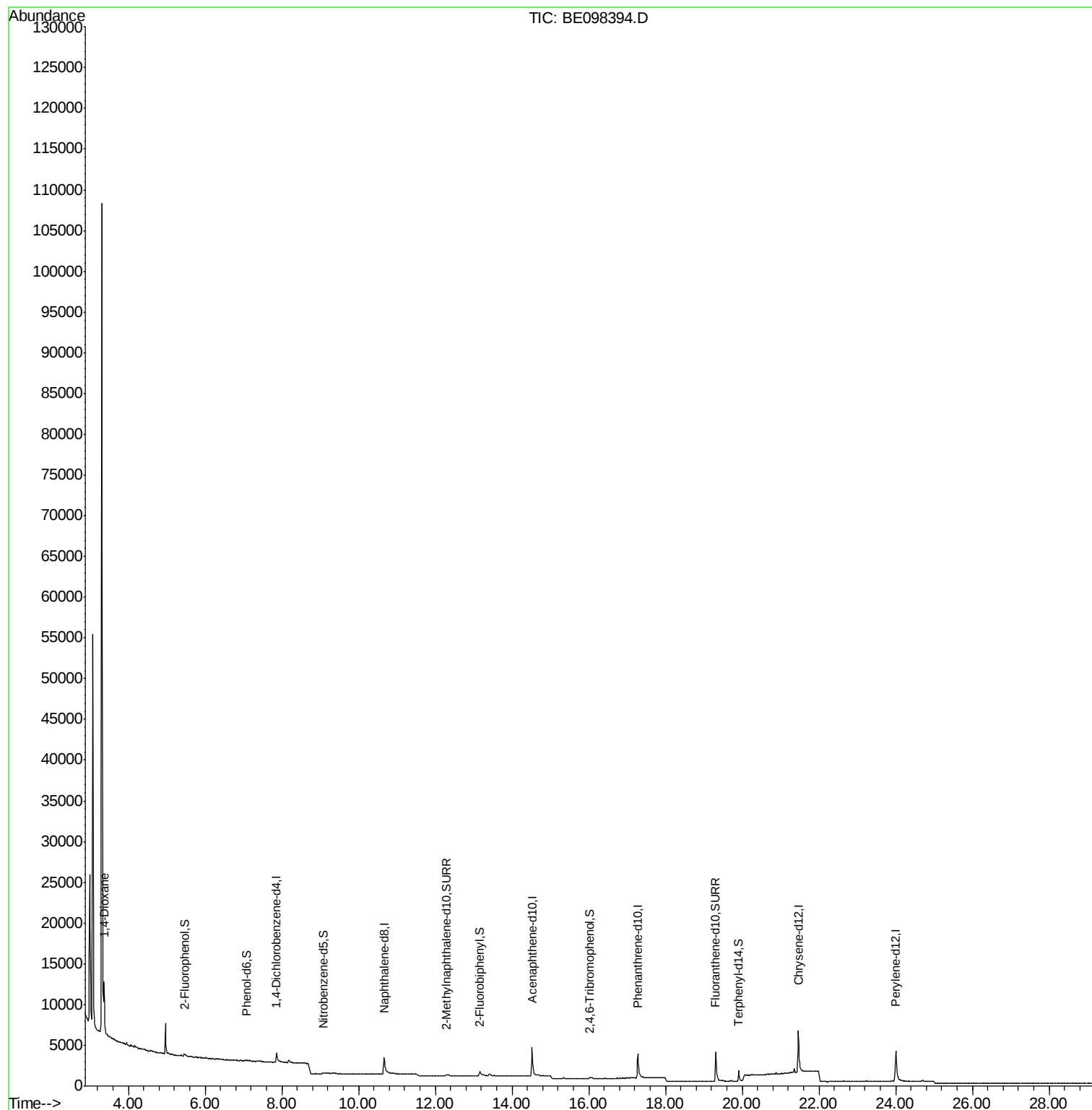
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098394.D
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Instrument :
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Quant Time: Dec 13 14:47:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

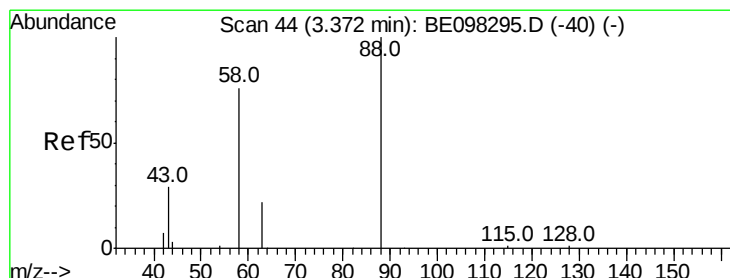
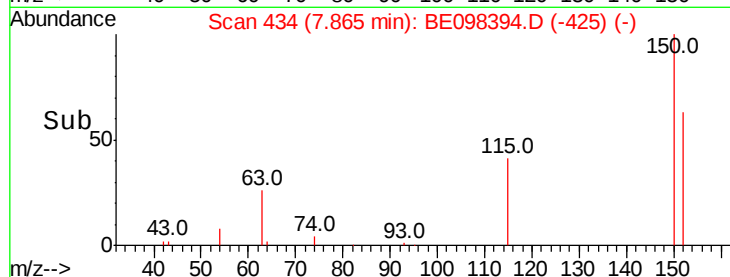
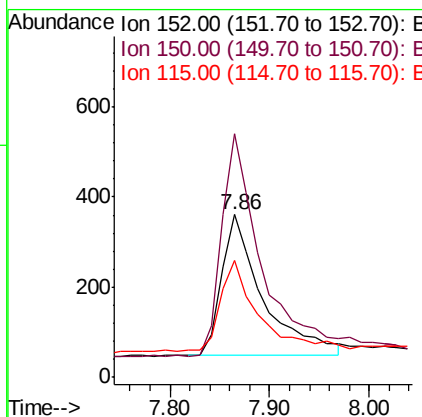
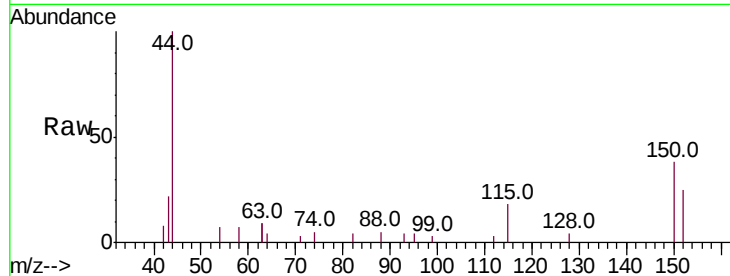
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleID :
RE-120D1-20181205DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.2	186.4
115	71.7	53.9	80.9

Manual Integrations
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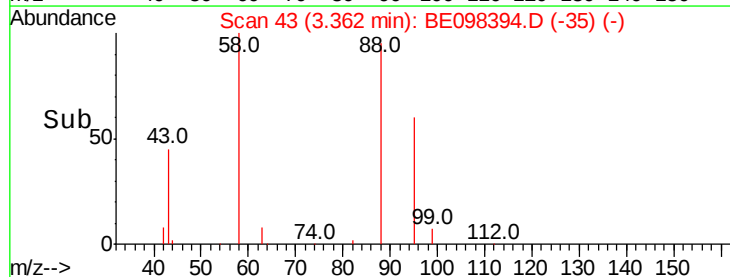
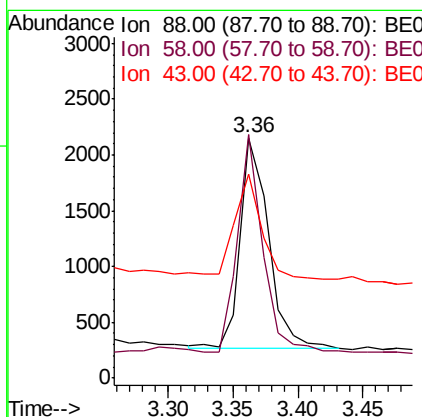
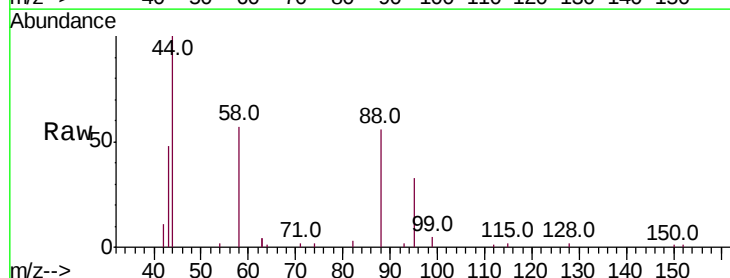
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#2

1,4-Dioxane
Concen: 1.824 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.6	75.0	112.6
43	48.3	38.3	57.5





#4

2-Fluorophenol

Concen: 0.129 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

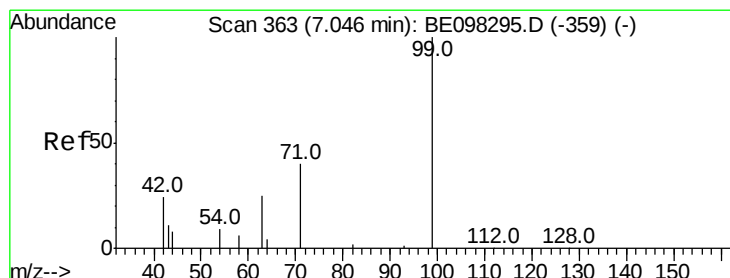
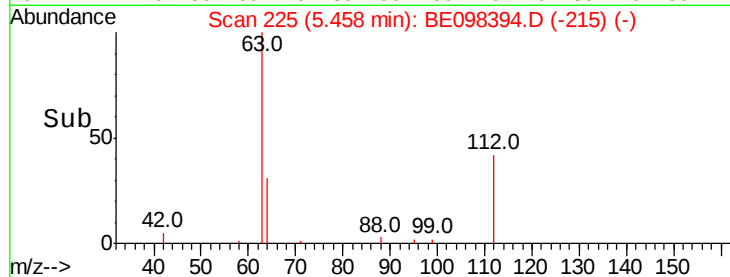
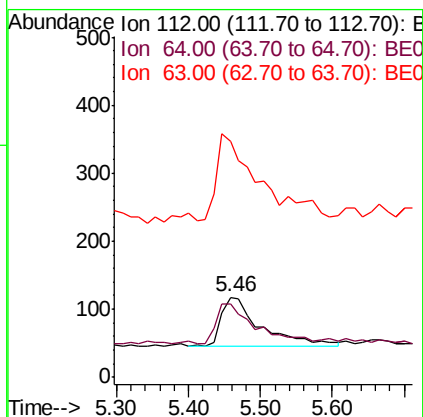
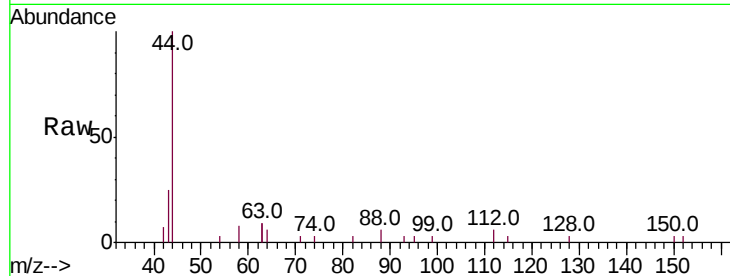
ClientSampleID :

RE-120D1-20181205DL

Tot Ion:	112	Resp:	272
Ion Ratio	Lower	Upper	
112	100		
64	85.7	59.8	89.8
63	198.5	133.7	200.5

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#5

Phenol-d6

Concen: 0.082 ng

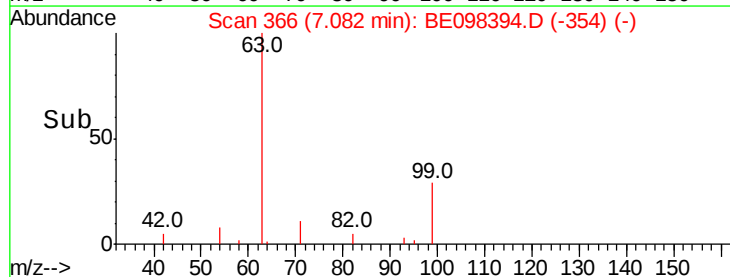
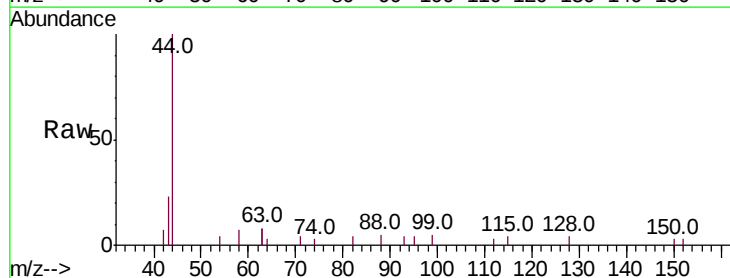
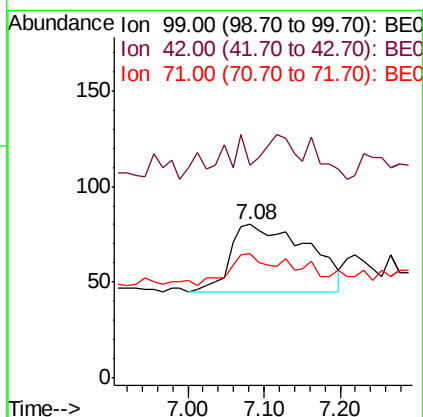
RT: 7.08 min Scan# 366

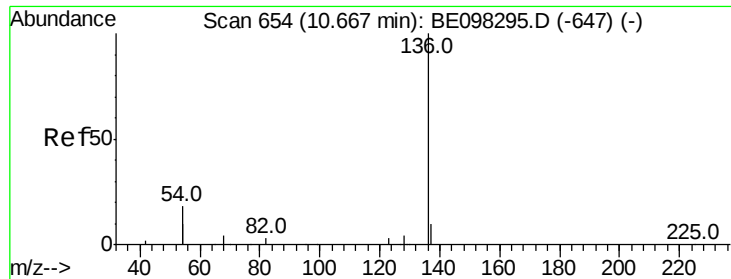
Delta R.T. 0.04 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

Tgt Ion:	99	Resp:	245
Ion Ratio	Lower	Upper	
99	100		
42	0.0	26.3	39.5#
71	24.9	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: BE098394.D

Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

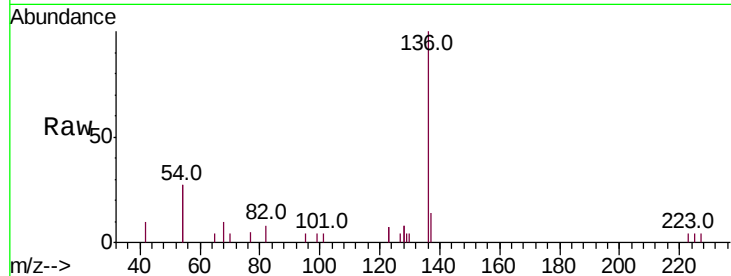
ClientSampleId :

RE-120D1-20181205DL

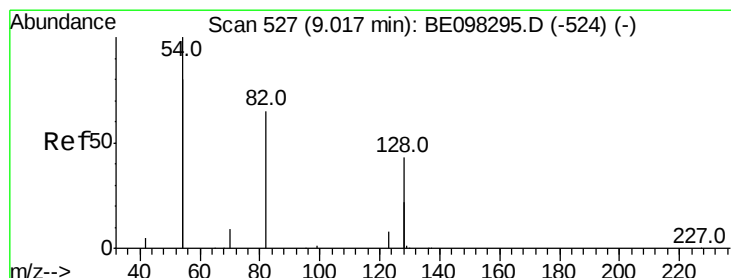
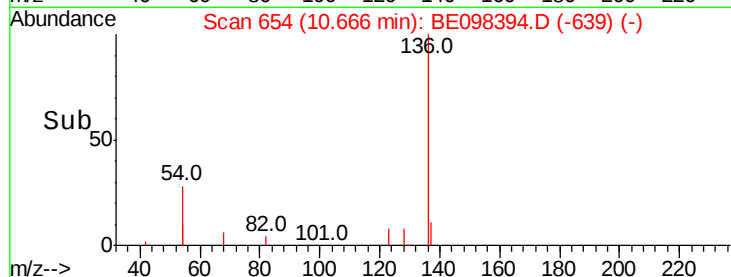
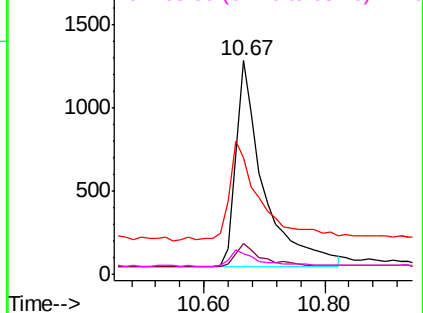
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	14.4	9.2	13.8#	
54	54.8	28.4	42.6#	
68	9.5	5.4	8.0#	

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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: 0.040 ng m

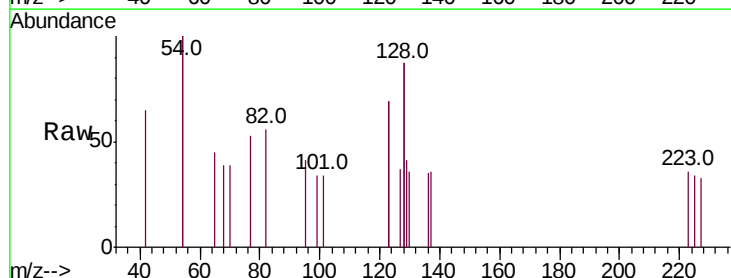
RT: 9.08 min Scan# 532

Delta R.T. 0.06 min

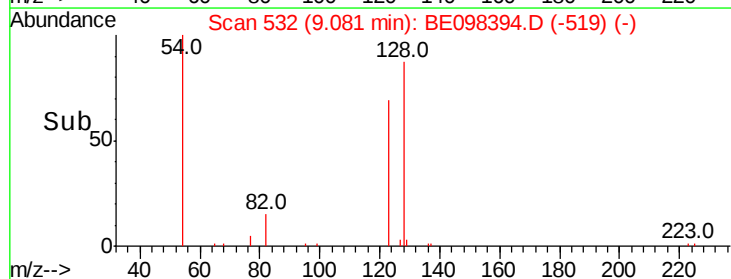
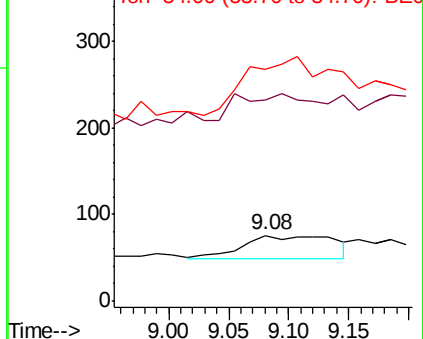
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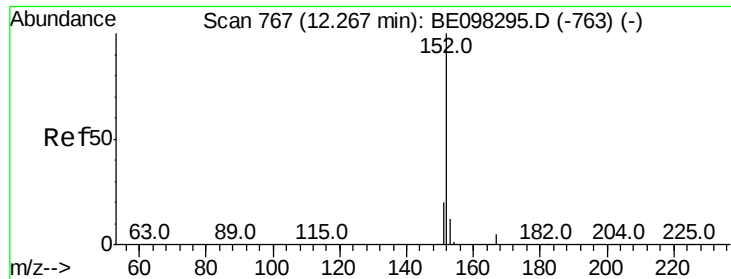
Acq: 13 Dec 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	154.7	102.4	153.6#	
54	178.7	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





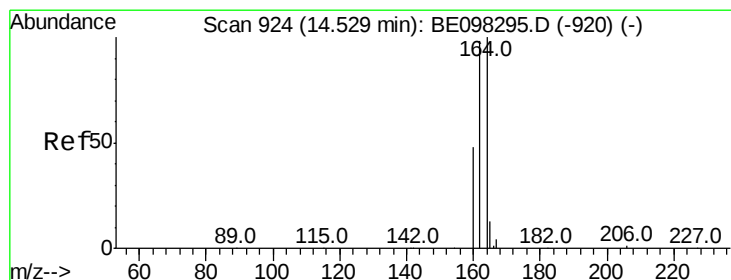
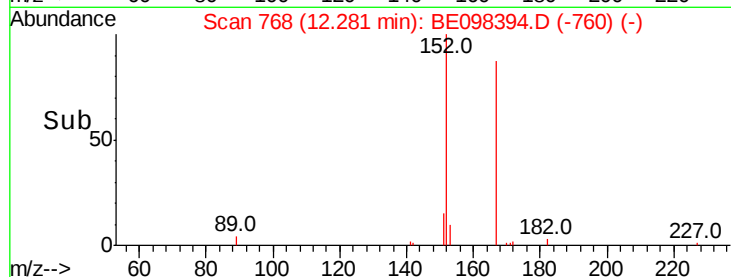
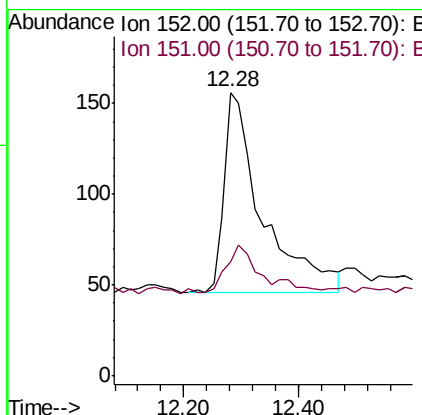
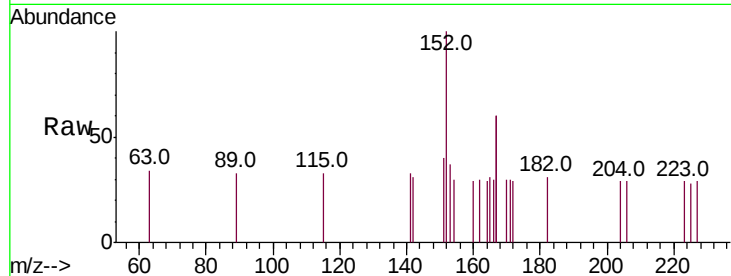
#11
2-Methylnaphthalene-d10
Concen: 0.079 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
RE-120D1-20181205DL

Tot Ion:152 Resp: 507
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4

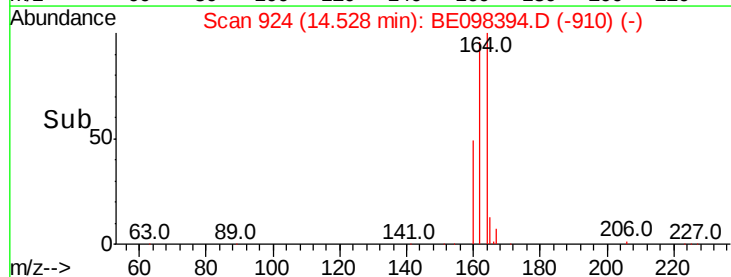
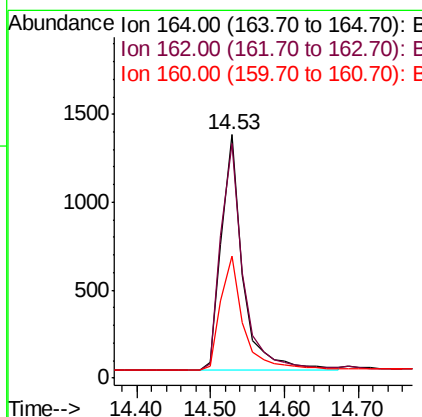
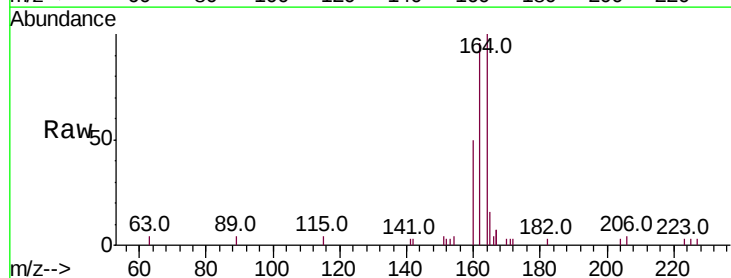
Manual Integrations
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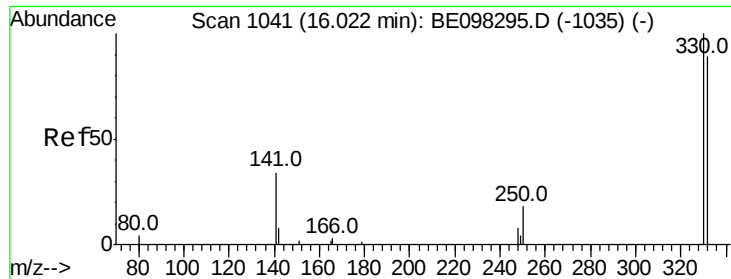
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion:164 Resp: 2704
Ion Ratio Lower Upper
164 100
162 96.2 77.6 116.4
160 50.2 36.0 54.0





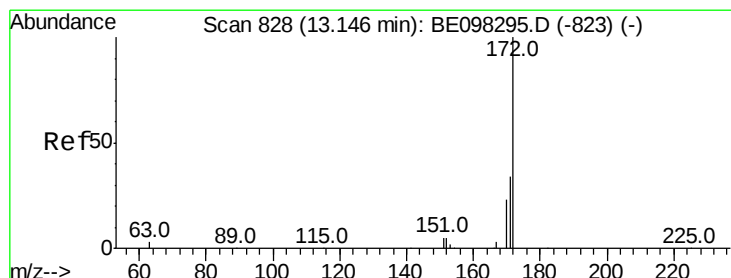
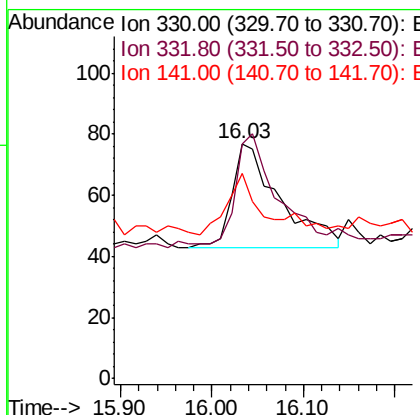
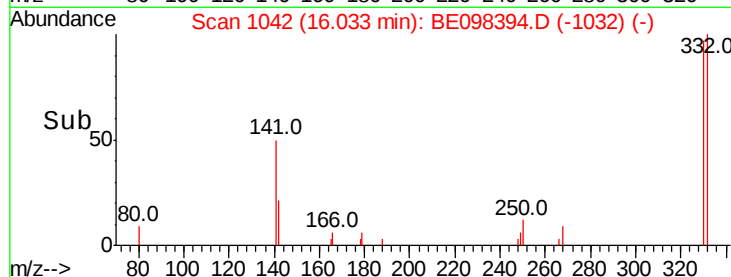
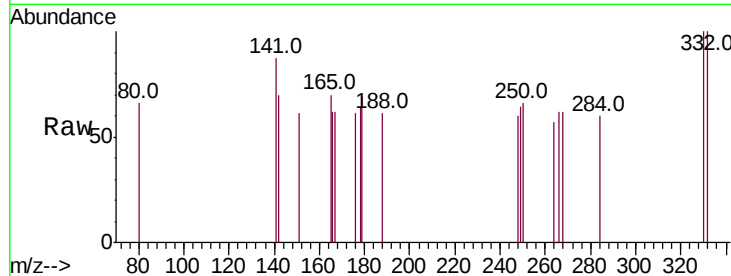
#14
 2,4,6-Tribromophenol
 Concen: 0.124 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.2	76.2	114.4
141	48.8	39.0	58.4

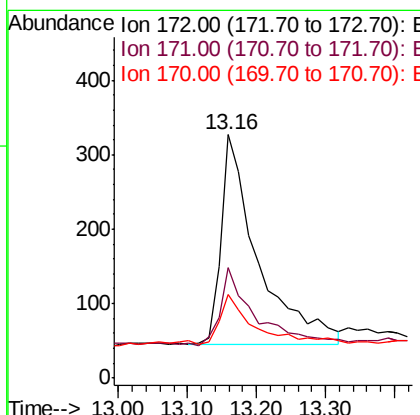
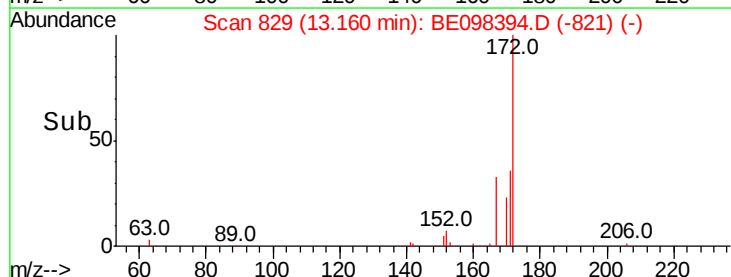
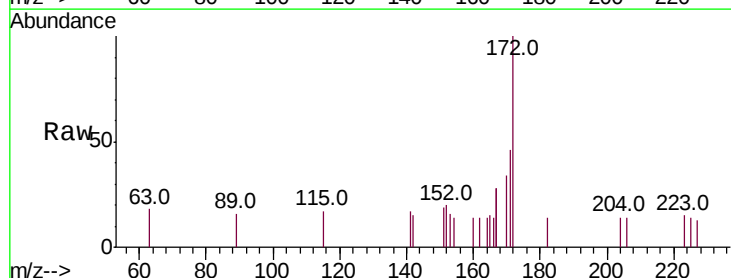
Manual Integrations
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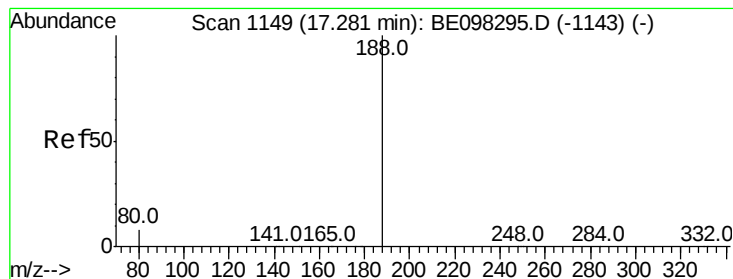
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#15
 2-Fluorobiphenyl
 Concen: 0.092 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	45.6	27.5	41.3#
170	34.3	19.6	29.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

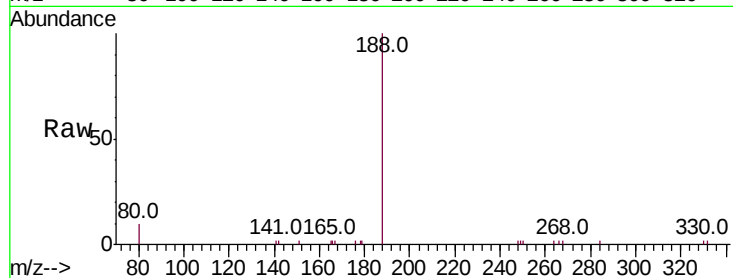
ClientSampleId :

RE-120D1-20181205DL

Tot Ion:	188	Resp:	7209
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	7.2	10.8

Manual Integrations
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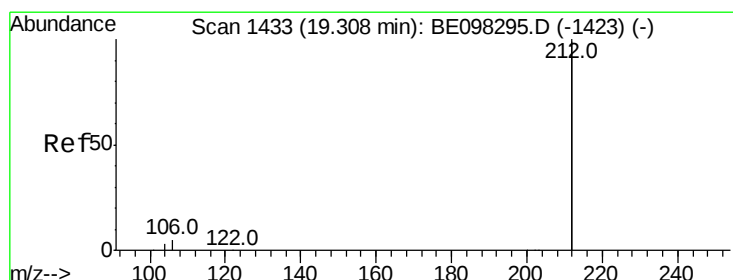
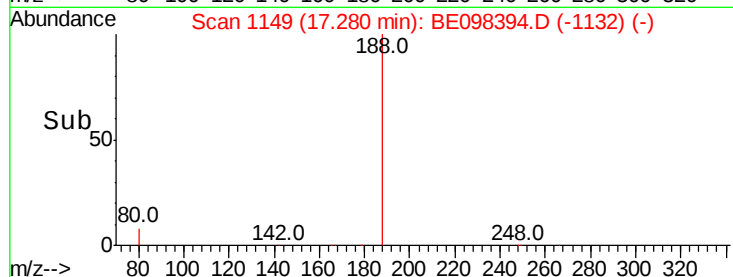
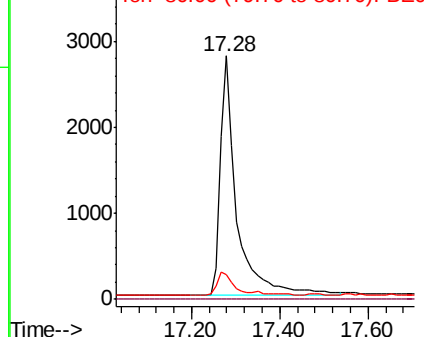
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.086 ng

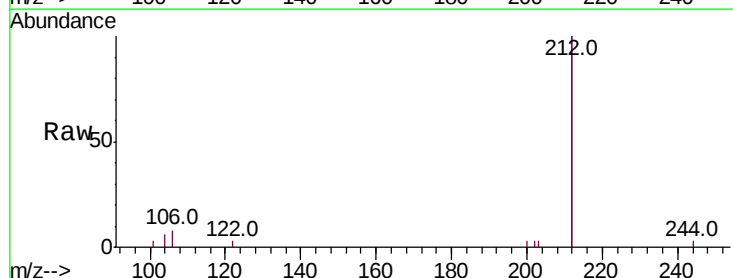
RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

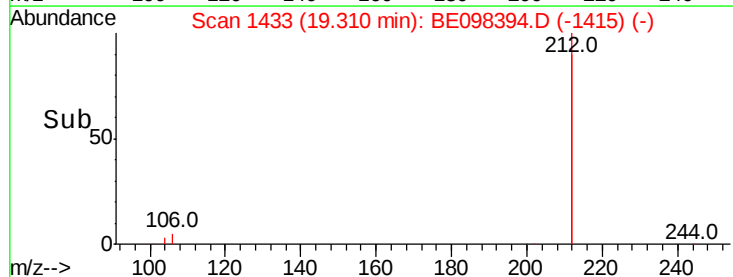
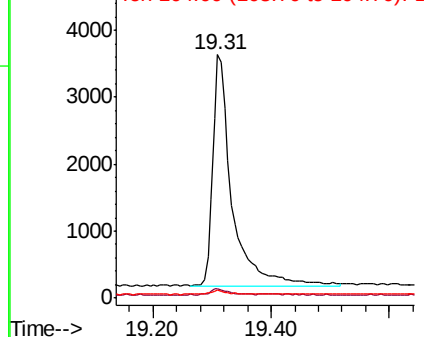
Tgt Ion:	212	Resp:	7912
Ion Ratio	Lower	Upper	
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





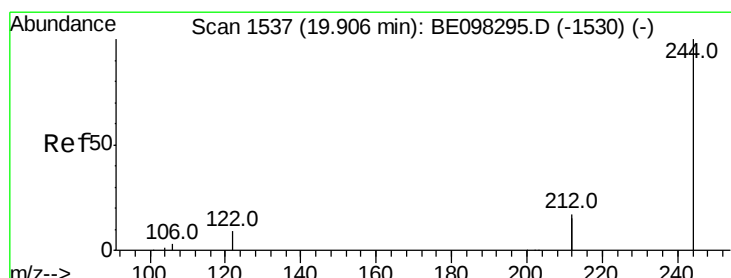
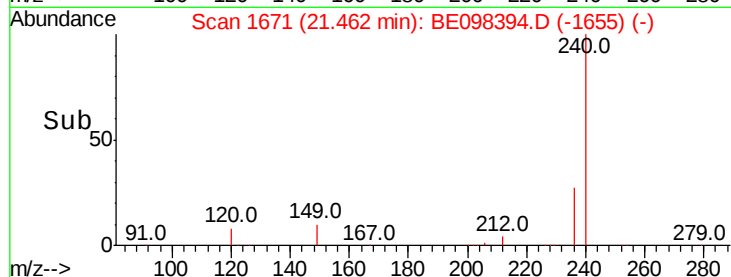
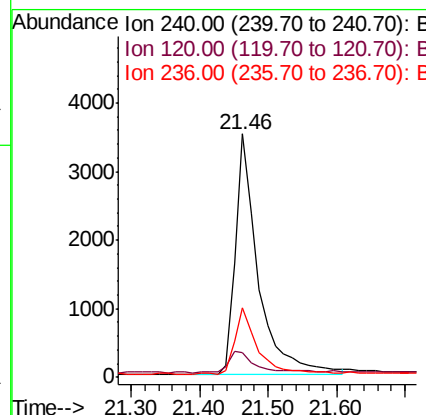
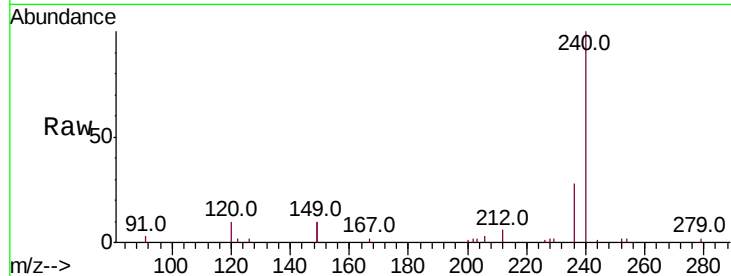
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
RE-120D1-20181205DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	28.3	22.7	34.1

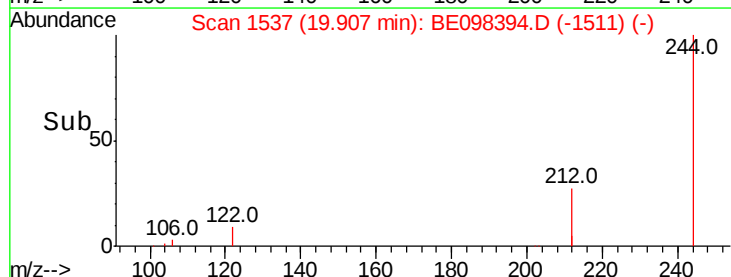
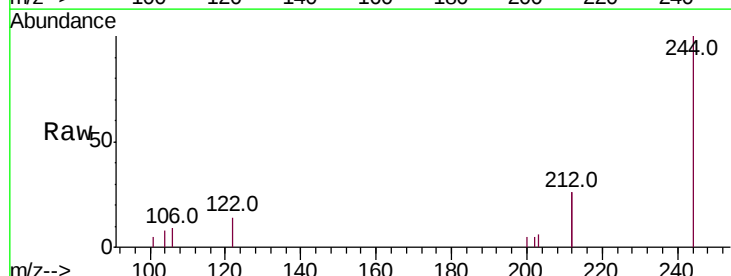
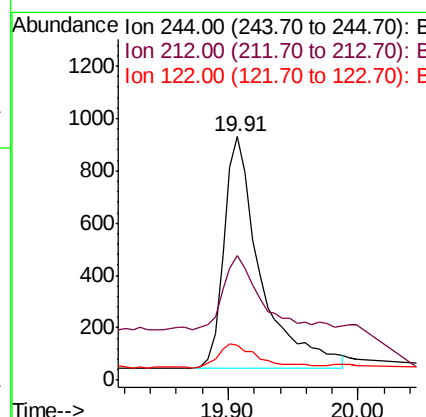
Manual Integrations
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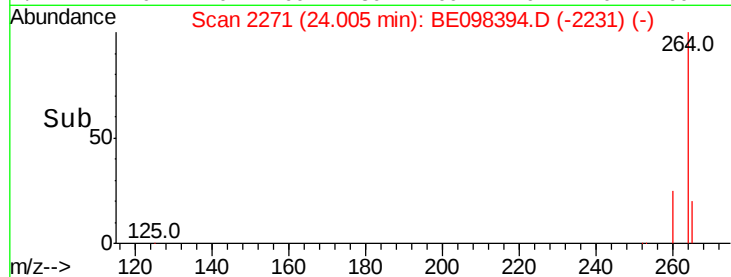
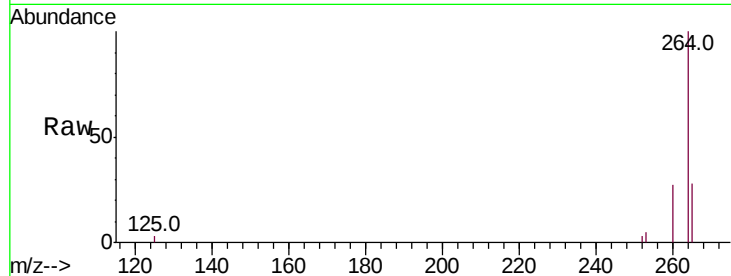
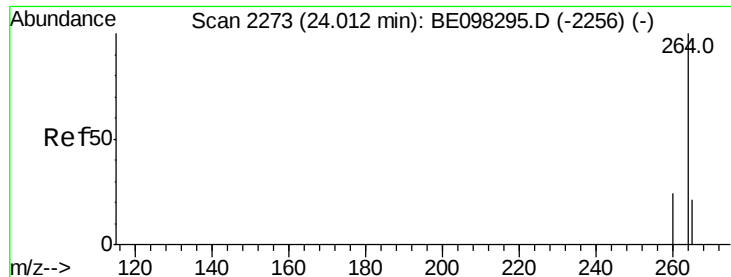
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#29
Terphenyl-d14
Concen: 0.089 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	51.1	27.4	41.0#
122	14.2	8.3	12.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.2	30.2
265	28.3	25.2	37.8

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:10:25 PM

