

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098385.D
 Acq On : 13 Dec 2018 5:54
 Operator : SJ/JU
 Sample : J6325-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

Quant Time: Dec 13 07:05:42 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

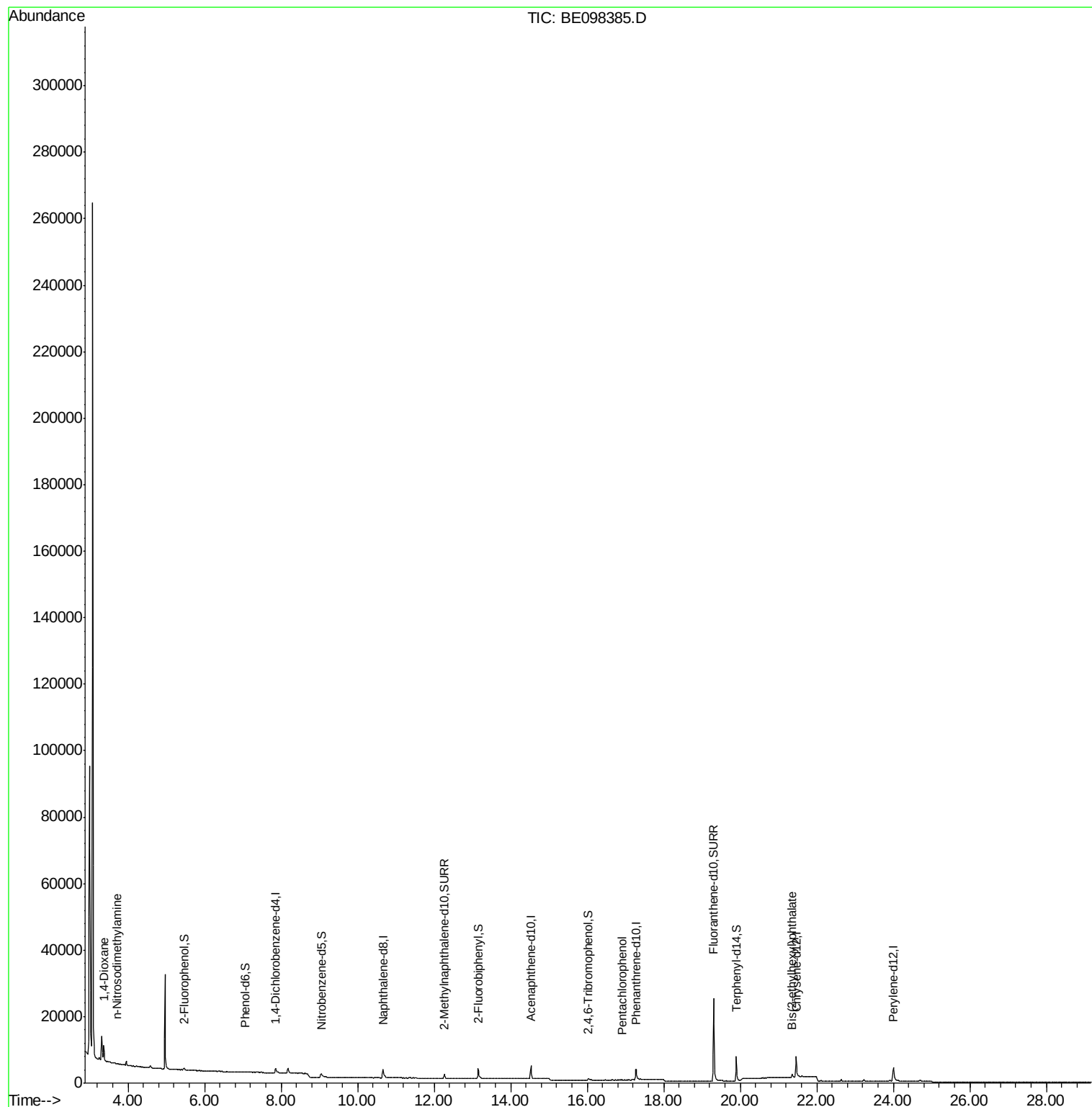
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1011	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4324	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2872	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7595	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8763	0.40	ng	0.00
34) Perylene-d12	24.01	264	8449	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	504	0.21	ng	0.01
5) Phenol-d6	7.07	99	276	0.08	ng	0.02
8) Nitrobenzene-d5	9.06	82	1454	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	2891	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	343	0.33	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4940	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	42288	0.43	ng	0.00
29) Terphenyl-d14	19.90	244	7551	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2261	1.293	ng	Qvalue # 91
3) n-Nitrosodimethylamine	3.71	42	51	0.032	ng	# 100
22) Pentachlorophenol	16.92	266	13	0.035	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.35	149	1447	0.029	ng	# 98

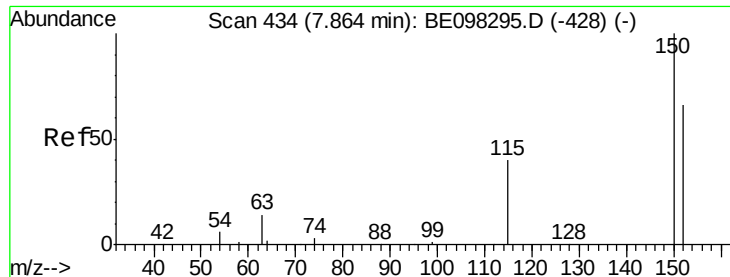
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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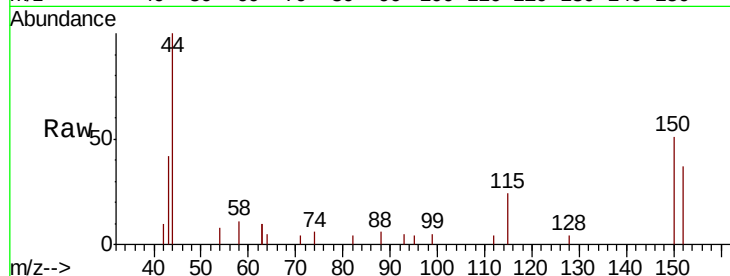


#1

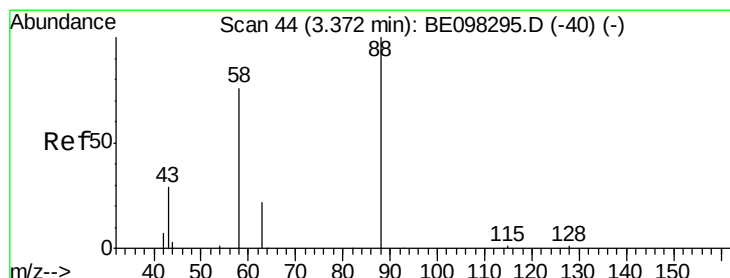
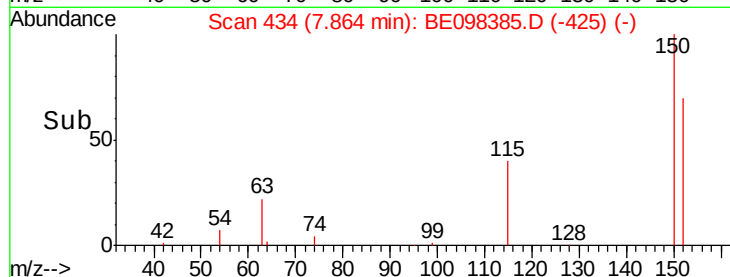
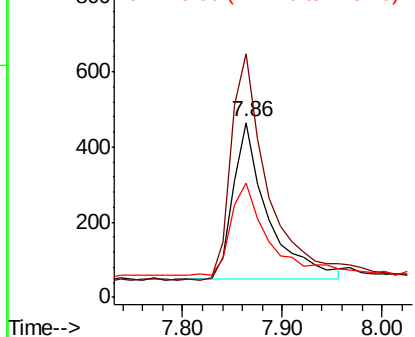
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion: 152 Resp: 1011
Ion Ratio Lower Upper
152 100
150 139.1 124.2 186.4
115 65.2 53.9 80.9



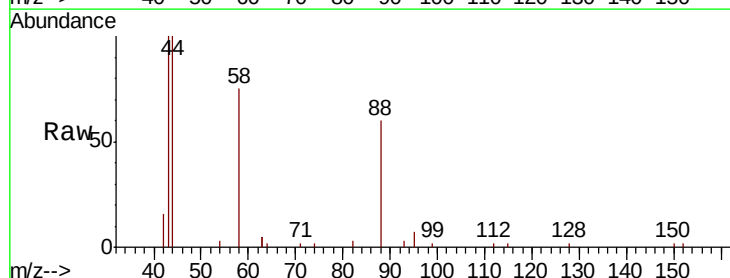
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



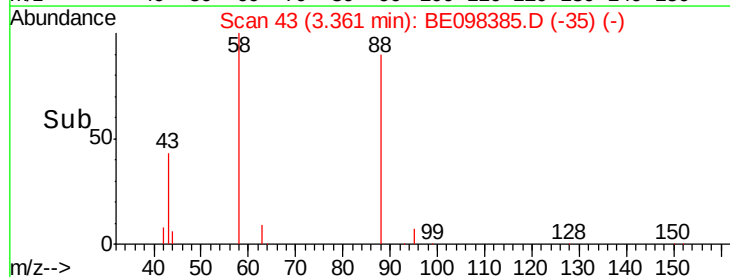
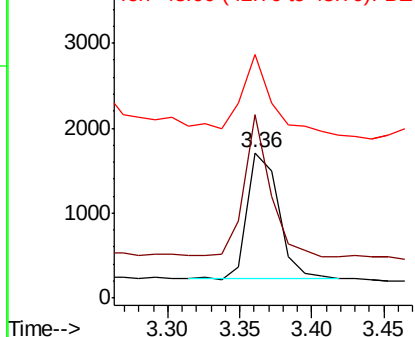
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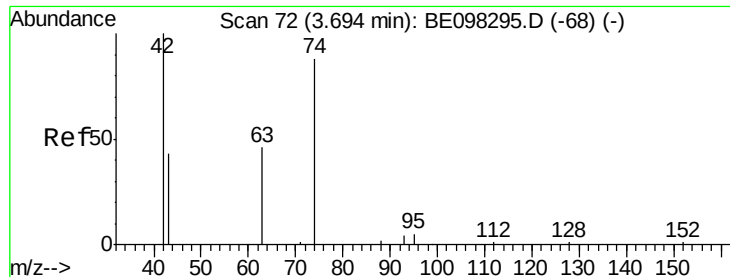
1,4-Dioxane
Concen: 1.293 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion: 88 Resp: 2261
Ion Ratio Lower Upper
88 100
58 95.6 75.0 112.6
43 63.4 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





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

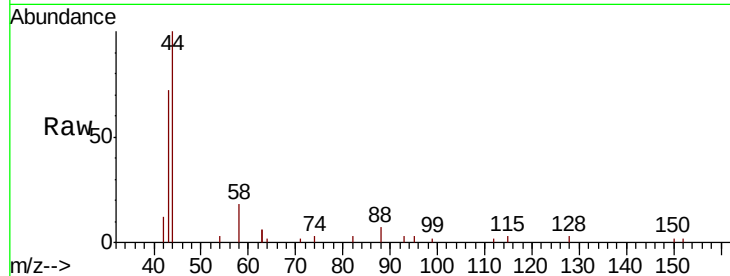
Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

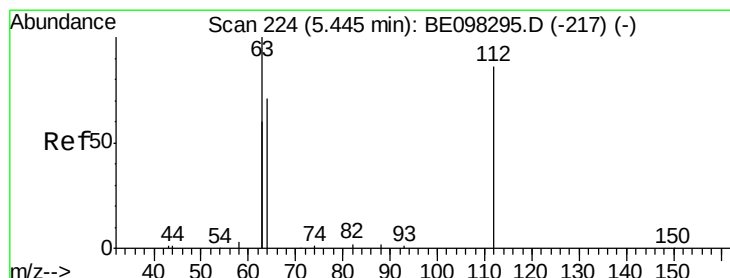
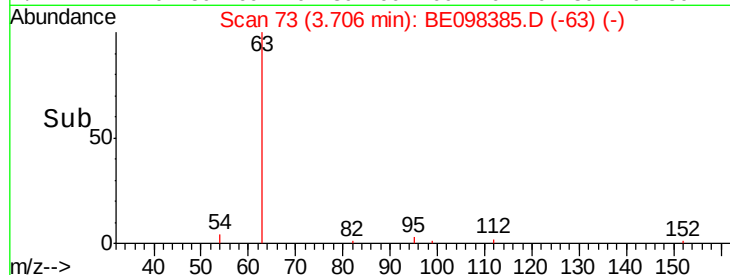
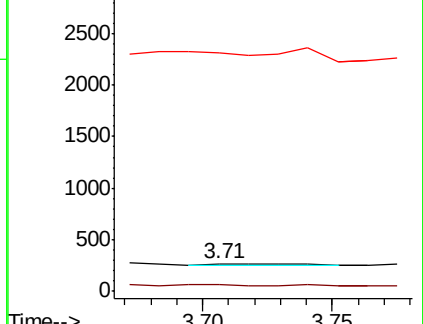
Tgt Ion:	42	Resp:	51
Ion	Ratio	Lower	Upper
42	100		
74	21.6	0.0	0.0#
44	0.0	0.0	0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.213 ng

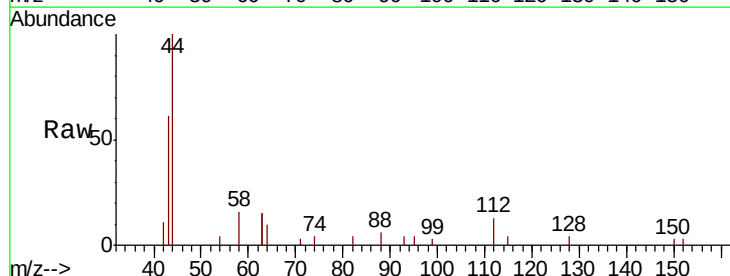
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

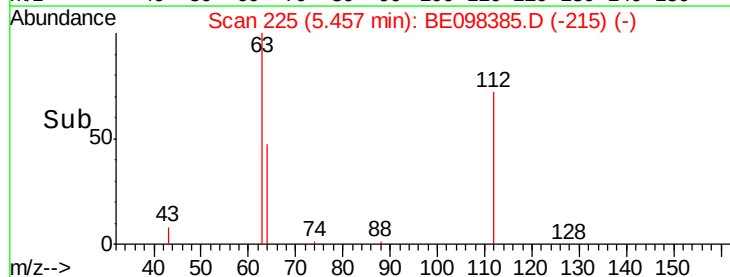
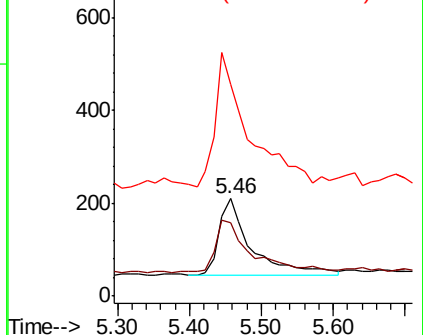
Tgt Ion:	112	Resp:	504
Ion	Ratio	Lower	Upper
112	100		
64	81.3	59.8	89.8
63	188.9	133.7	200.5

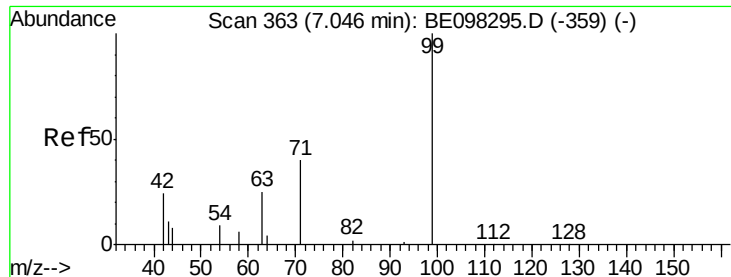


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

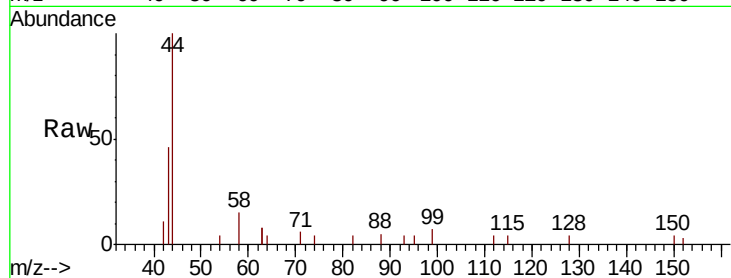
Tgt Ion: 99 Resp: 276

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 27.5 33.6 50.4#

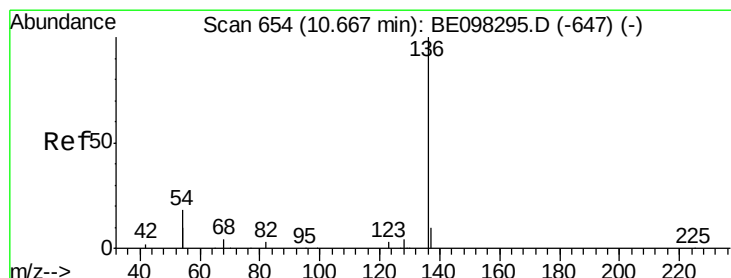
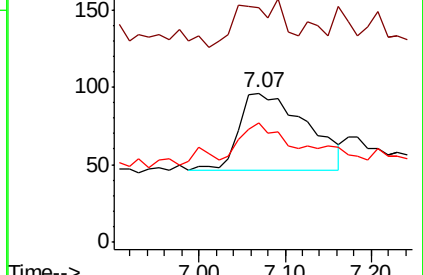
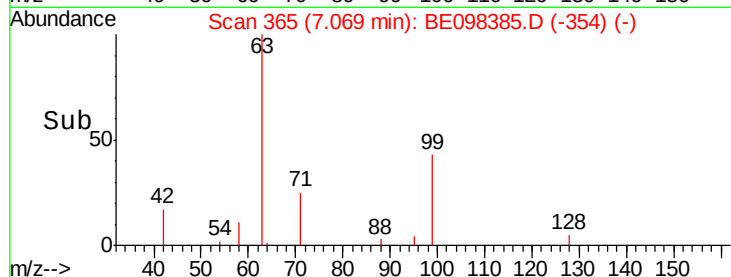


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

Tgt Ion: 136 Resp: 4324

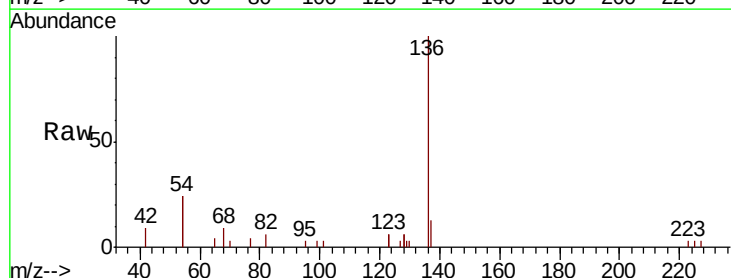
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 47.3 28.4 42.6#

68 8.7 5.4 8.0#



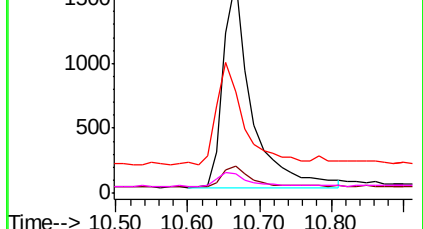
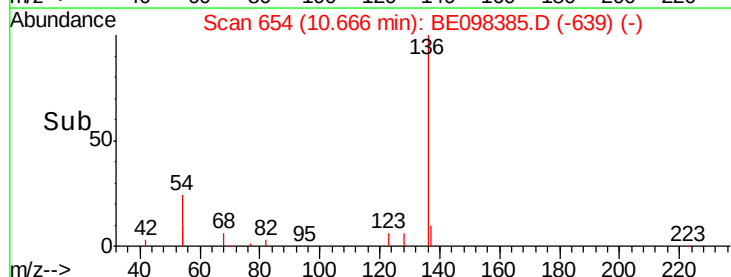
Abundance Ion 136.00 (135.70 to 136.70): E

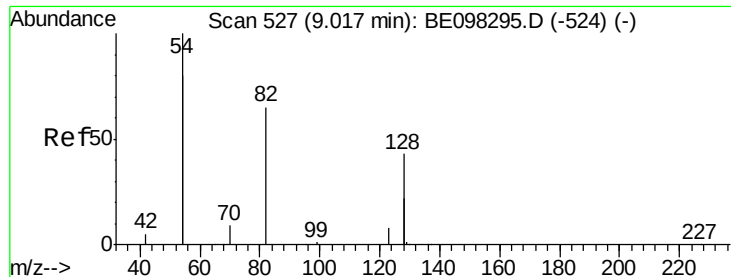
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

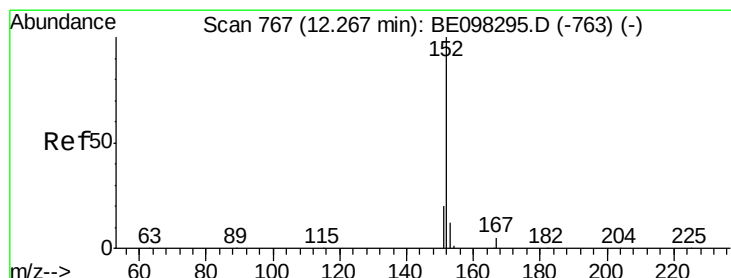
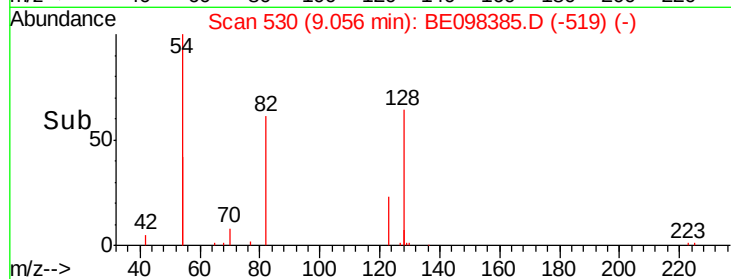
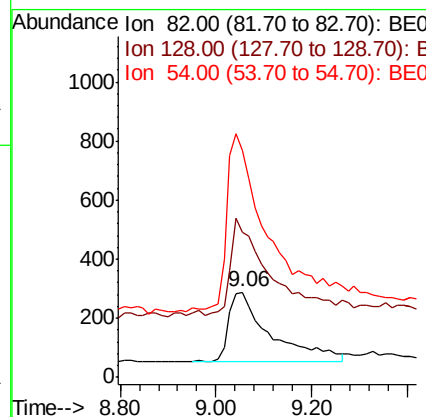
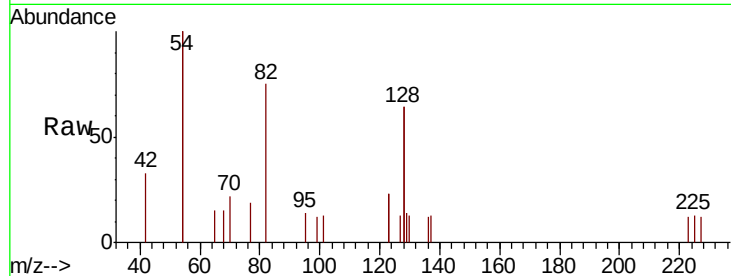




#8
 Nitrobenzene-d5
 Concen: 0.369 ng
 RT: 9.06 min Scan# 530
 Delta R.T. 0.04 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

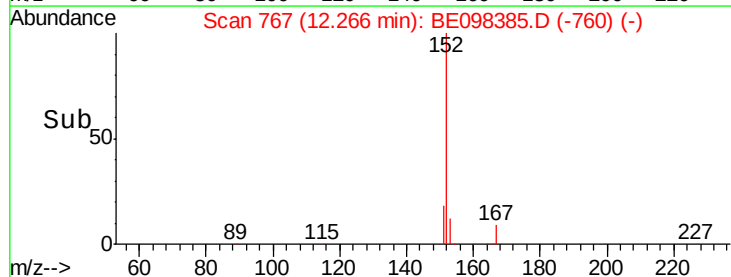
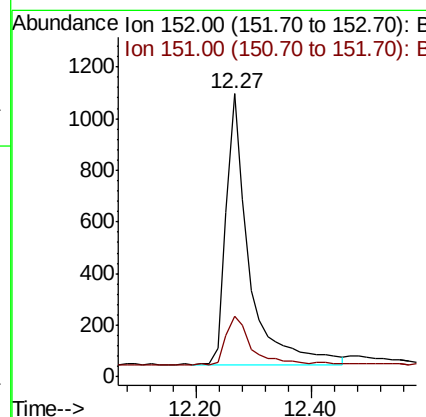
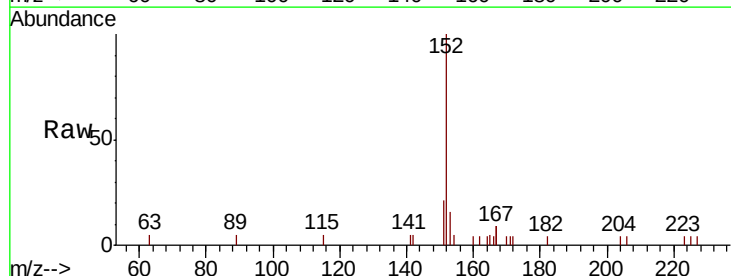
Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

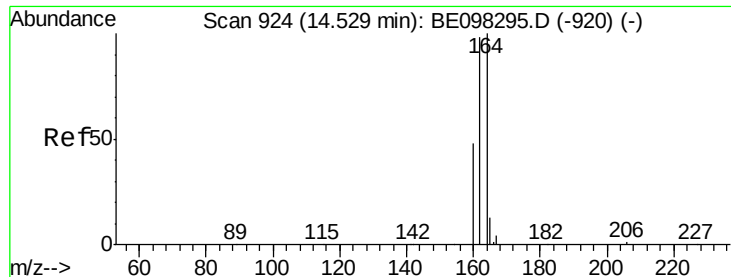
Tgt Ion: 82 Resp: 1454
 Ion Ratio Lower Upper
 82 100
 128 169.6 102.4 153.6#
 54 265.7 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Tgt Ion: 152 Resp: 2891
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4

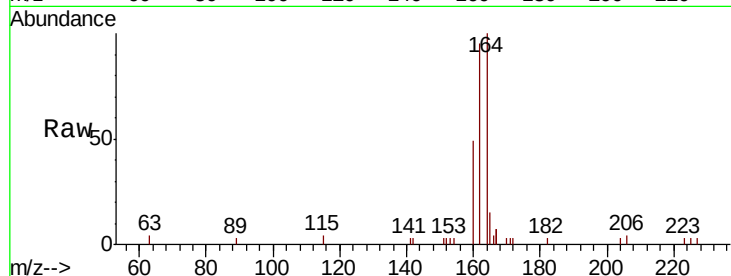




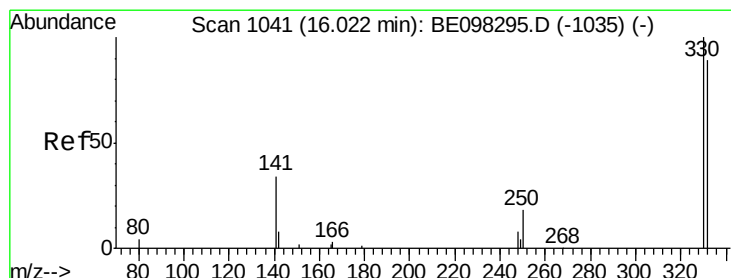
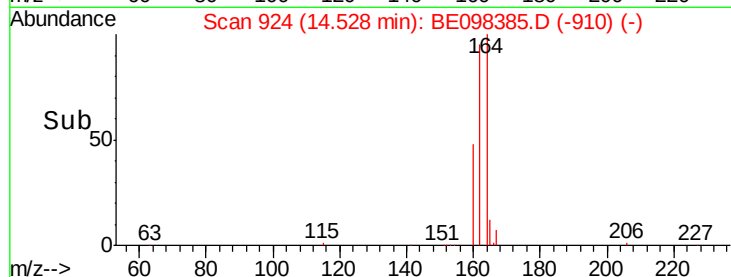
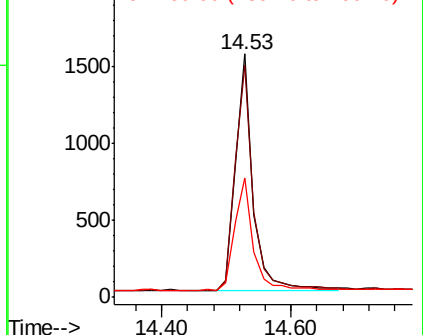
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

Tgt Ion:164 Resp: 2872
 Ion Ratio Lower Upper
 164 100
 162 95.1 77.6 116.4
 160 49.1 36.0 54.0

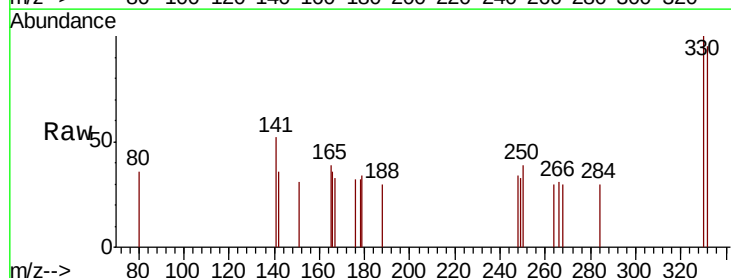


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

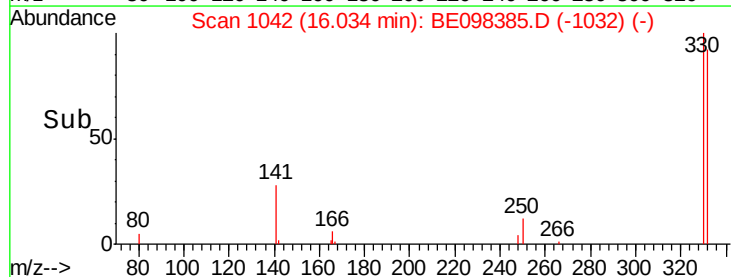
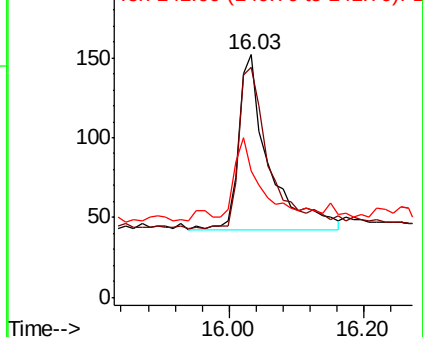


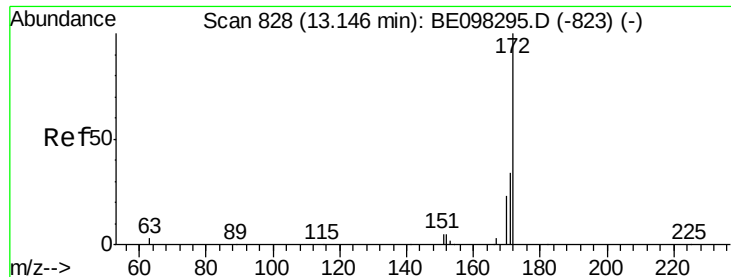
#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Tgt Ion:330 Resp: 343
 Ion Ratio Lower Upper
 330 100
 332 104.7 76.2 114.4
 141 40.2 39.0 58.4



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

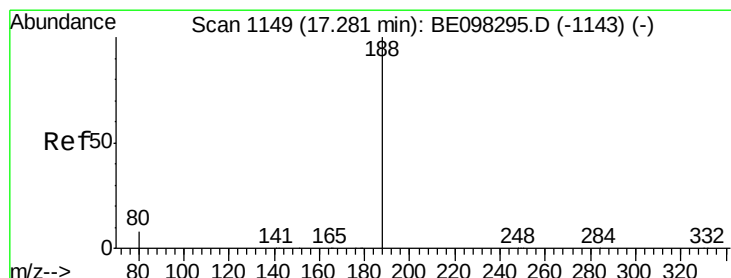
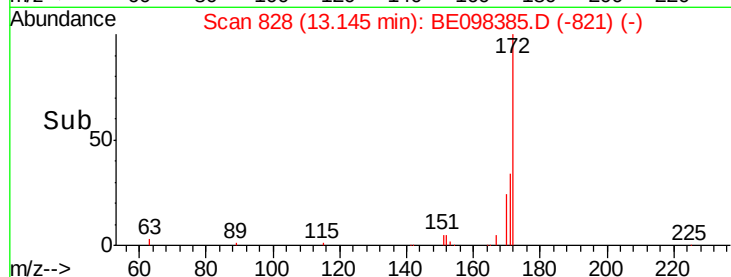
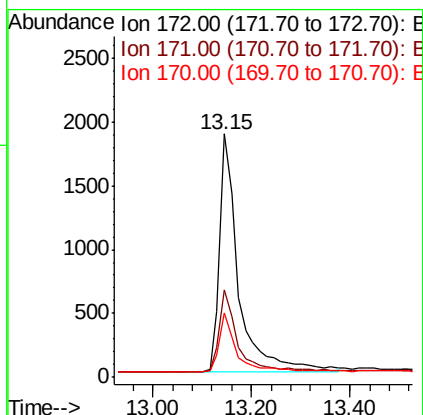
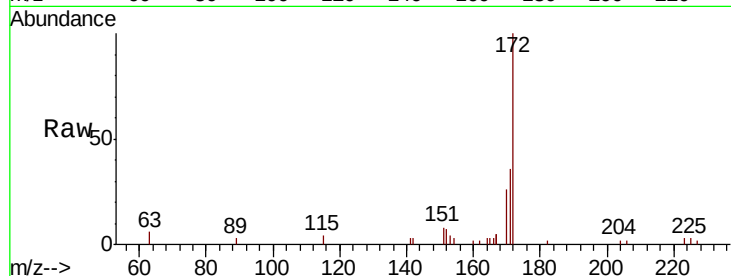




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

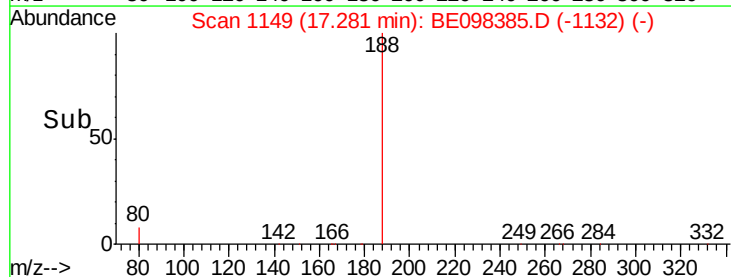
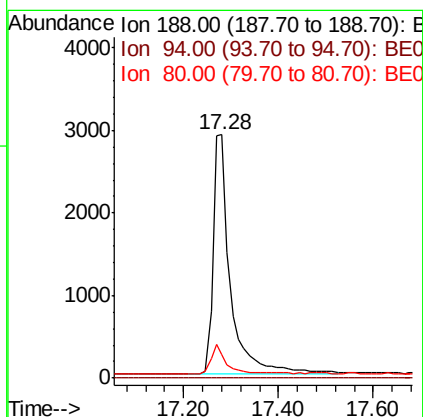
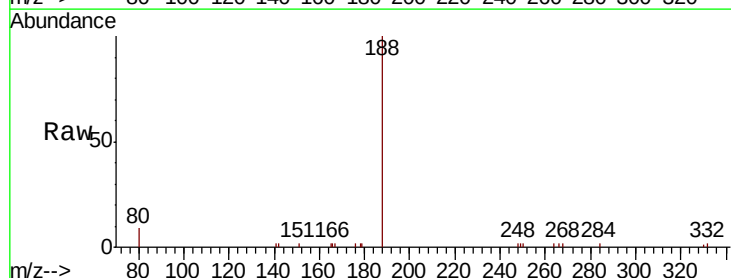
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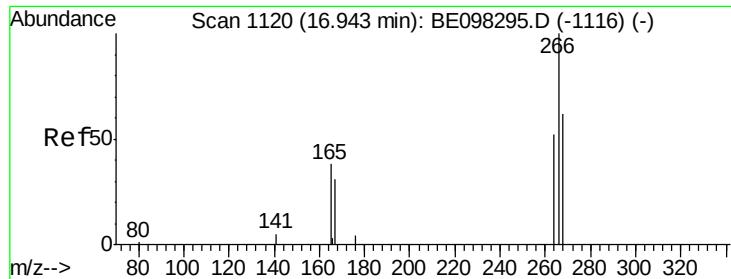
Tgt Ion:172 Resp: 4940
Ion Ratio Lower Upper
172 100
171 36.0 27.5 41.3
170 26.2 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:188 Resp: 7595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.2 10.8

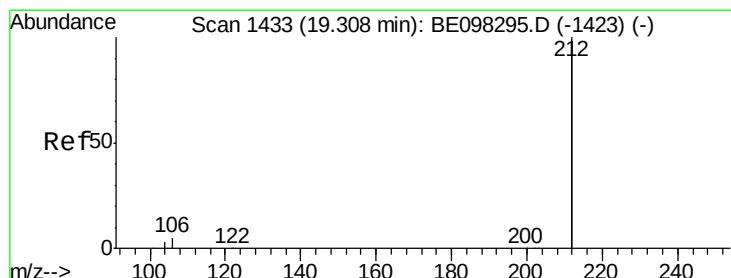
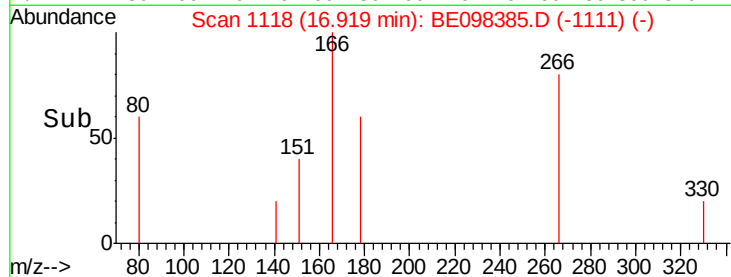
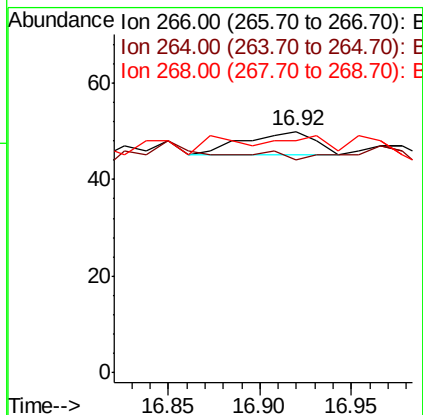
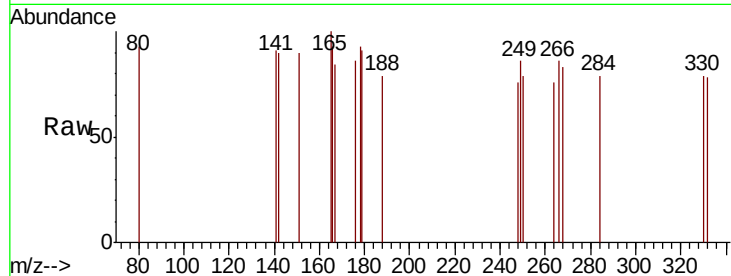




#22
 Pentachlorophenol
 Concen: 0.035 ng
 RT: 16.92 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

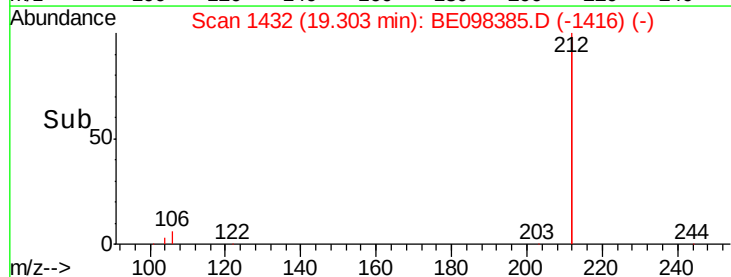
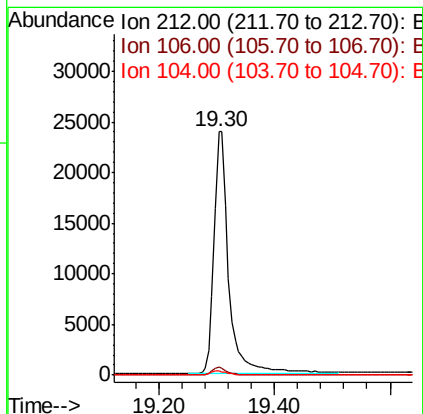
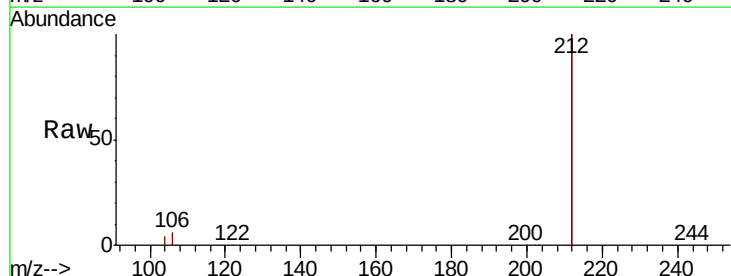
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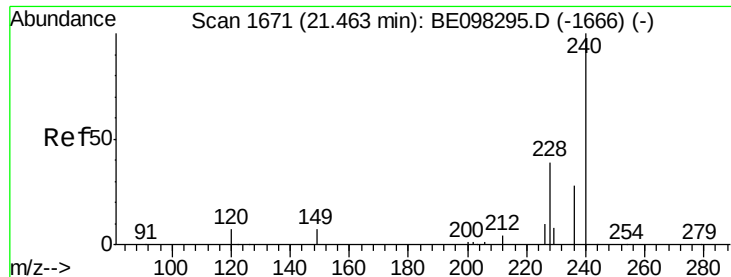
Tgt Ion: 266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 88.0 59.0 88.4
 268 96.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.434 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Tgt Ion: 212 Resp: 42288
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 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: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

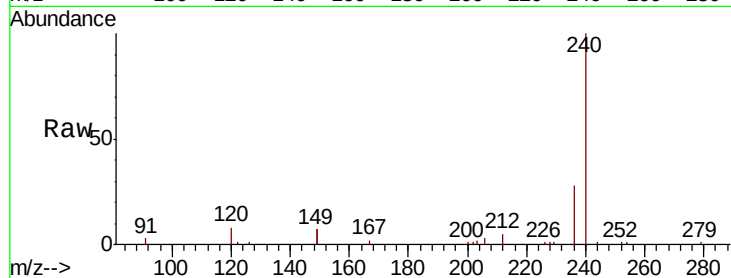
Tgt Ion:240 Resp: 8763

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

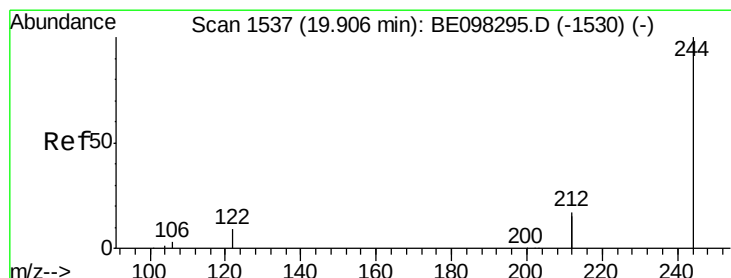
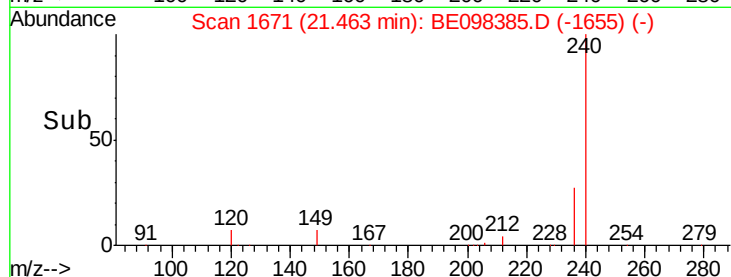
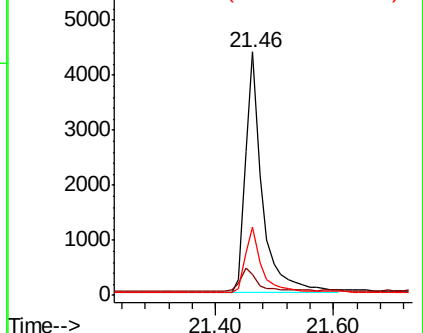
236 28.0 22.7 34.1



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



#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

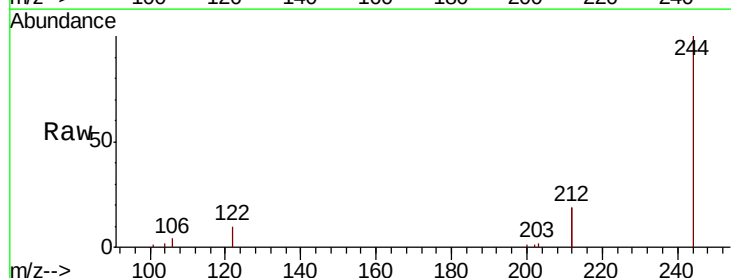
Tgt Ion:244 Resp: 7551

Ion Ratio Lower Upper

244 100

212 37.9 27.4 41.0

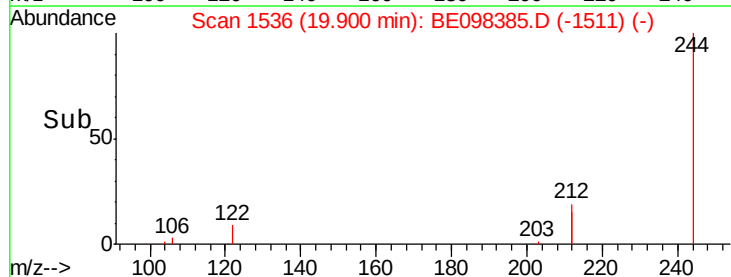
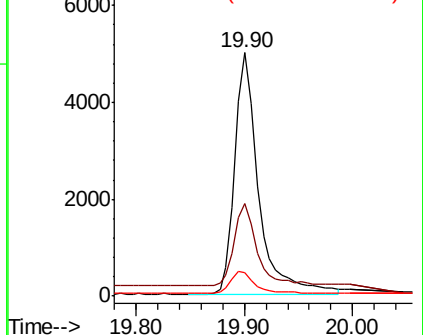
122 9.6 8.3 12.5

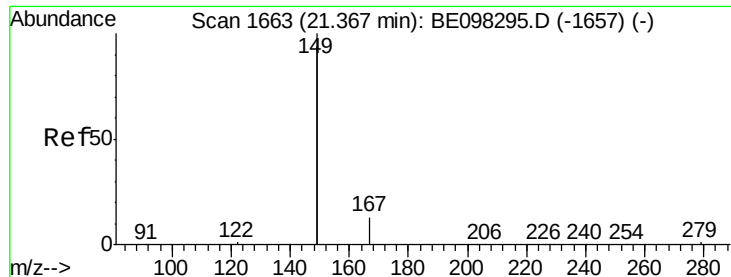


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

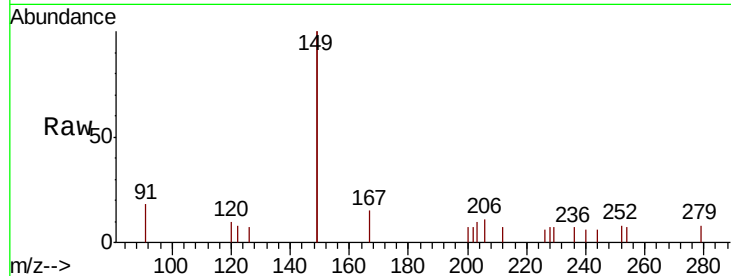




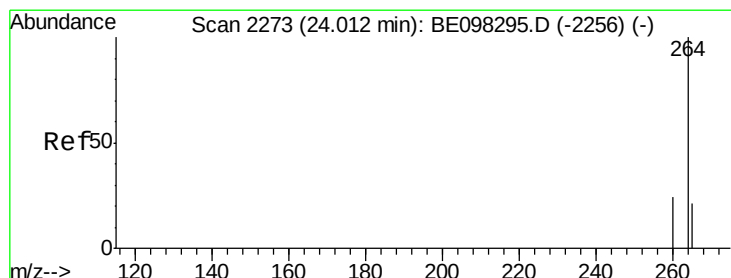
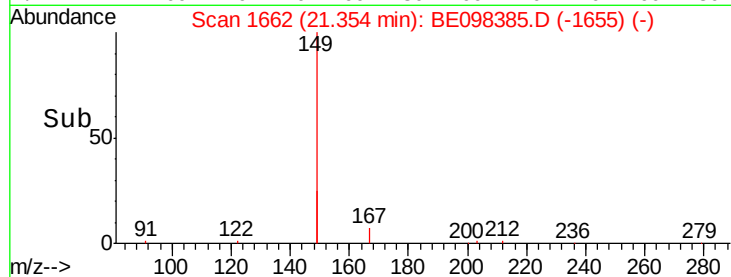
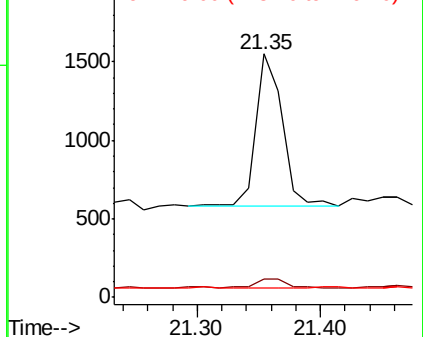
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

Tgt Ion:149 Resp: 1447
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.7 8.5
 279 0.0 1.0 1.4#

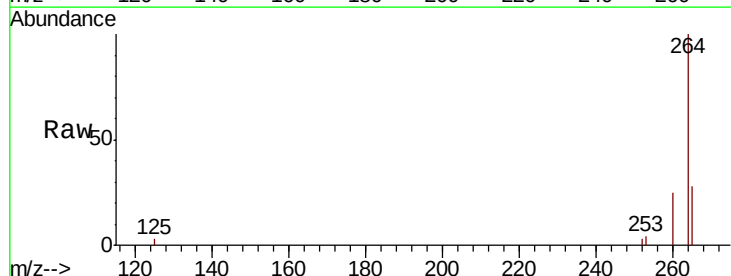


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Tgt Ion:264 Resp: 8449
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 28.0 25.2 37.8



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

