

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098878.D
 Acq On : 12 Mar 2019 2:17
 Operator : JU/SJ
 Sample : K1839-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190308

Quant Time: Mar 12 07:27:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

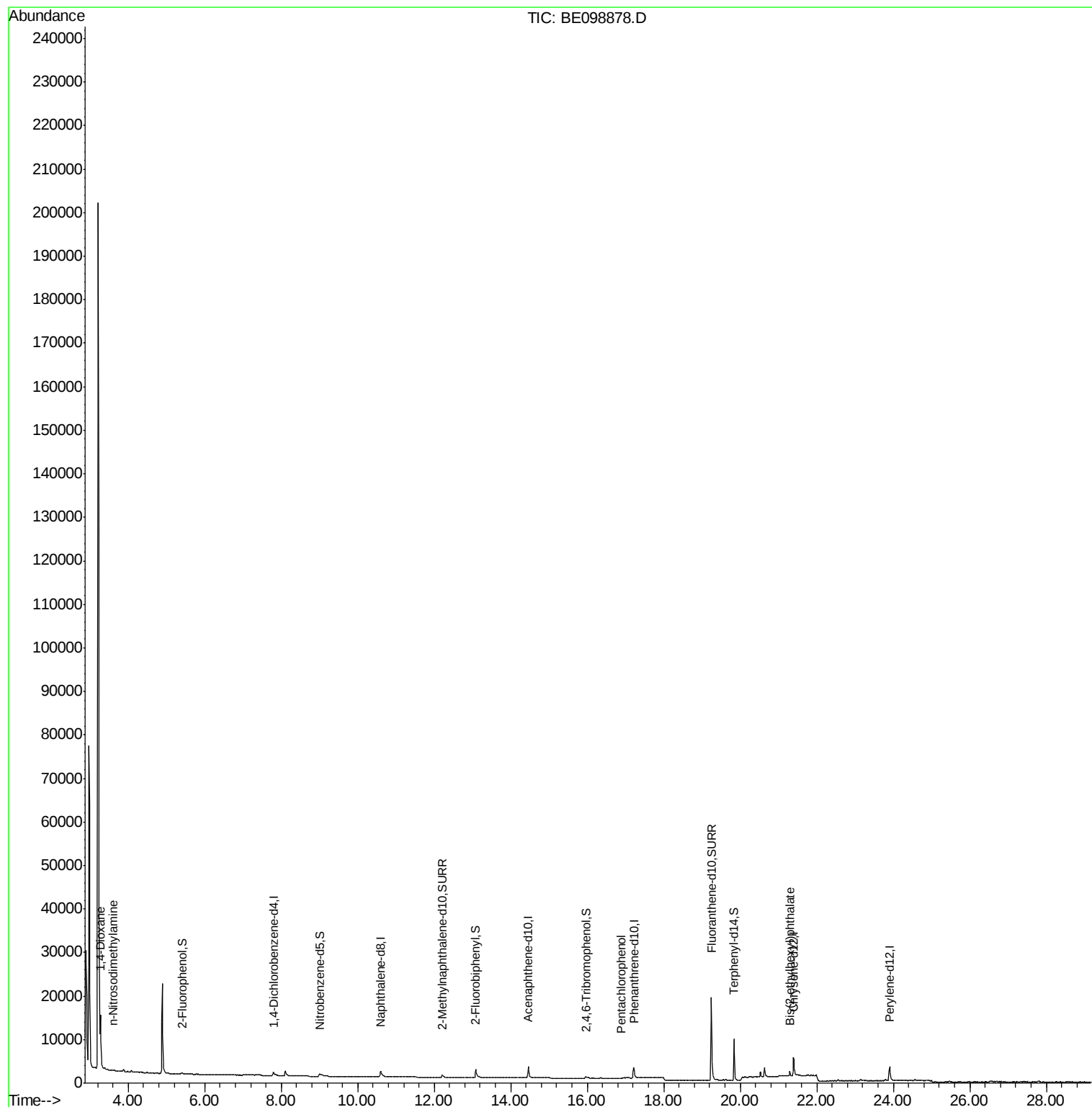
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2794	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2023	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5280	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6444	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6190	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	340	0.17	ng	0.02
5) Phenol-d6	6.95	99	8	0.00	ng	-0.03
8) Nitrobenzene-d5	9.00	82	1058	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2173	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	387	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3499	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	32675	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	9350	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5697	5.554	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.60	42	34	0.021	ng	# 14
22) Pentachlorophenol	16.89	266	3	0.267	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1324	0.031	ng	97

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

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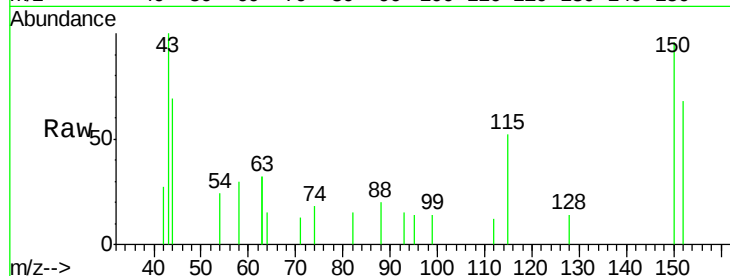


#1

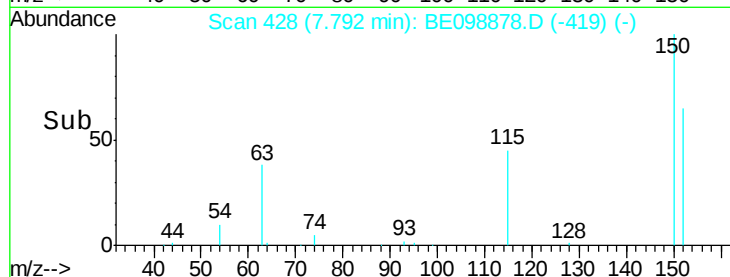
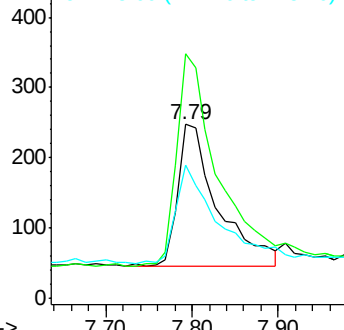
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Tgt Ion: 152 Resp: 654
Ion Ratio Lower Upper
152 100
150 140.9 122.5 183.7
115 76.5 57.4 86.2



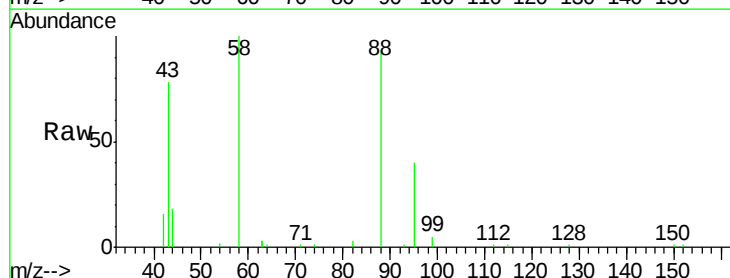
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



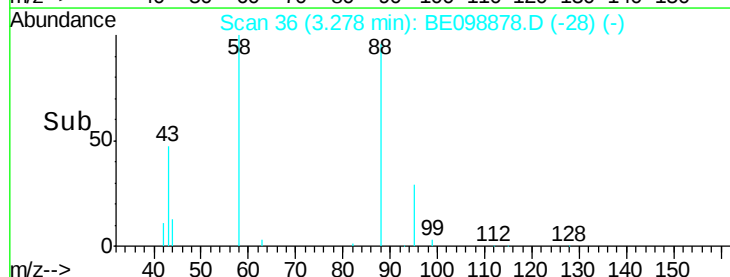
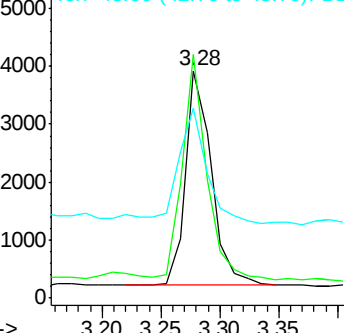
#2

1,4-Dioxane
Concen: 5.554 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion: 88 Resp: 5697
Ion Ratio Lower Upper
88 100
58 98.1 75.8 113.6
43 56.7 41.8 62.8



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: 0.021 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.02 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308

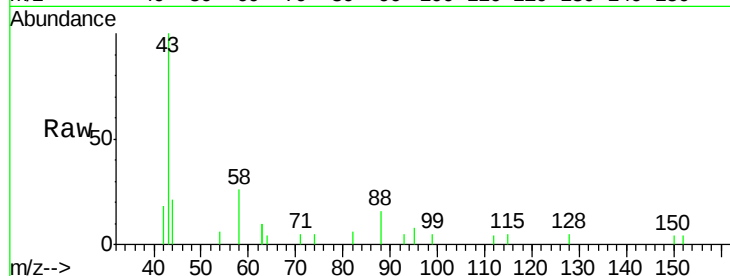
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 23.5 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

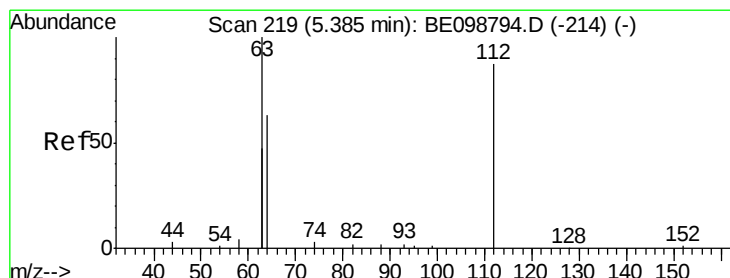
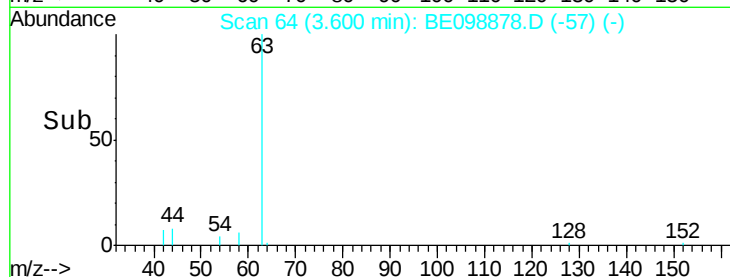
3.60

200

100

0

Time--> 3.55 3.60 3.65



#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

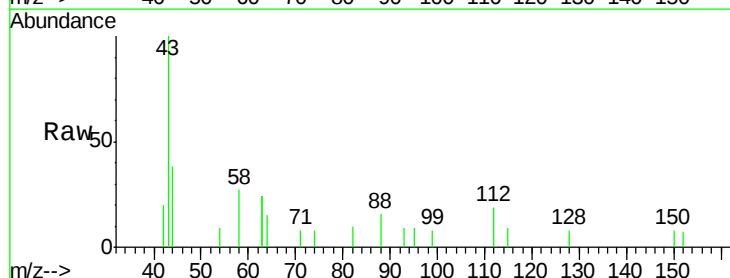
Tgt Ion: 112 Resp: 340

Ion Ratio Lower Upper

112 100

64 75.6 57.9 86.9

63 164.1 158.3 237.5



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

400

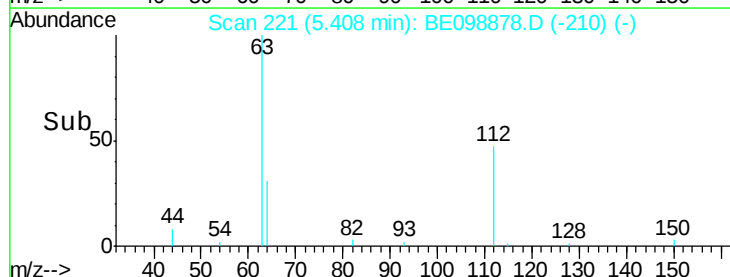
300

200

100

0

Time--> 5.20 5.40 5.60





#5

Phenol-d6

Concen: 0.003 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308

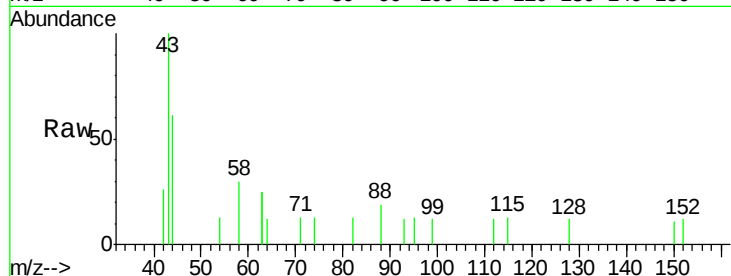
Tgt Ion: 99 Resp: 8

Ion Ratio Lower Upper

99 100

42 262.5 24.2 36.2#

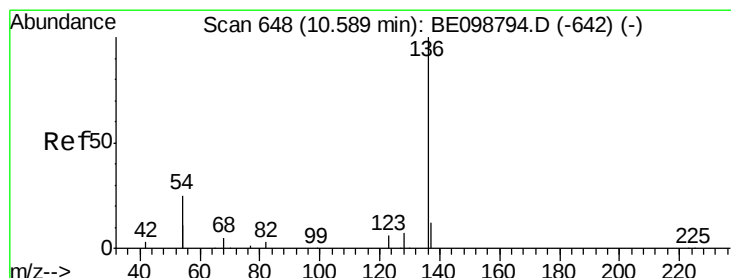
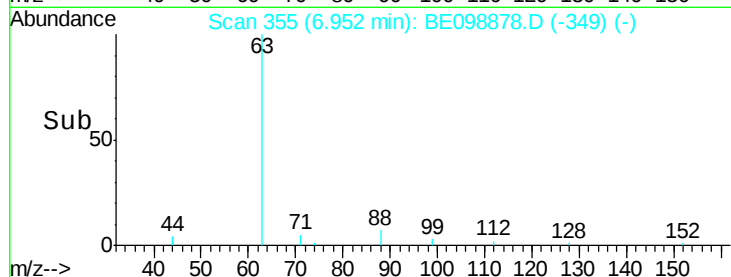
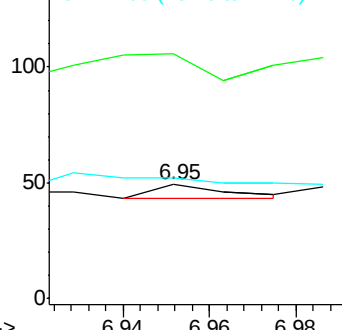
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Tgt Ion: 136 Resp: 2794

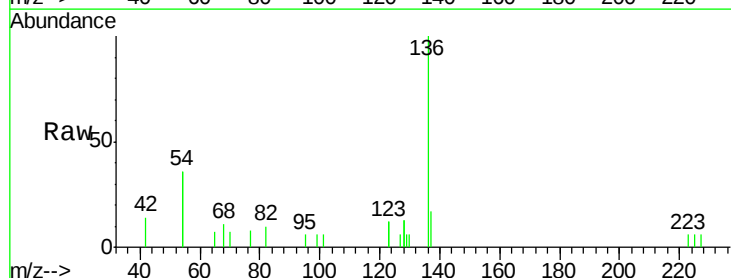
Ion Ratio Lower Upper

136 100

137 16.9 11.4 17.0

54 71.4 39.3 58.9#

68 11.4 6.7 10.1#

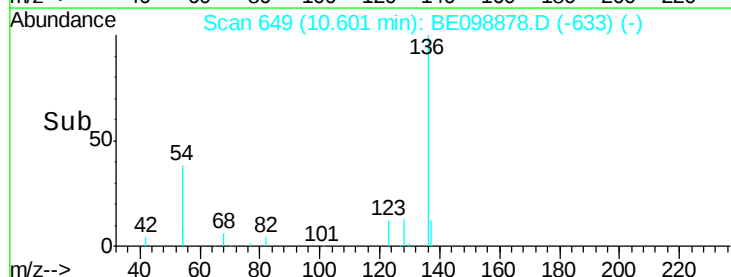
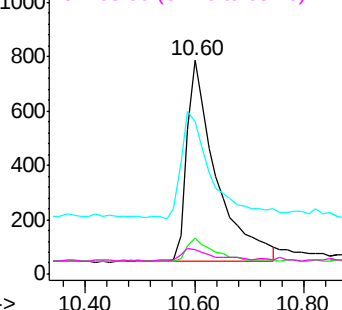


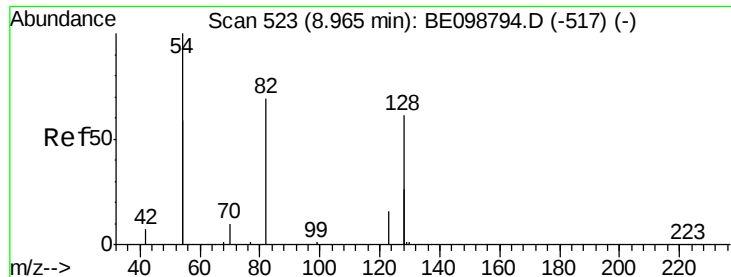
Abundance Ion 136.00 (135.70 to 136.70): E

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

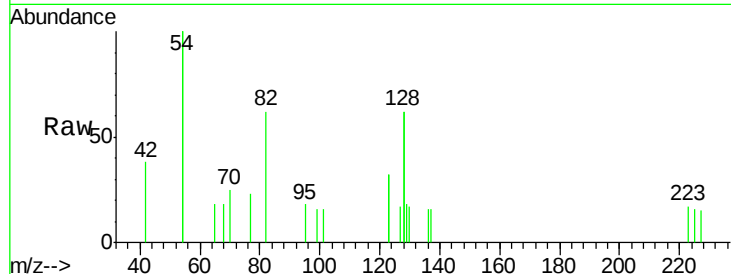




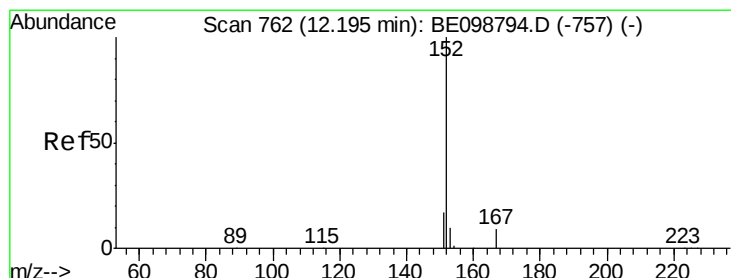
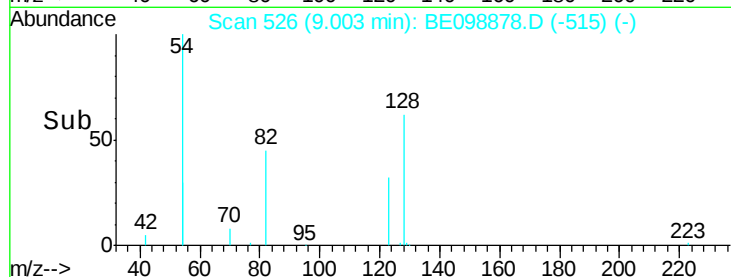
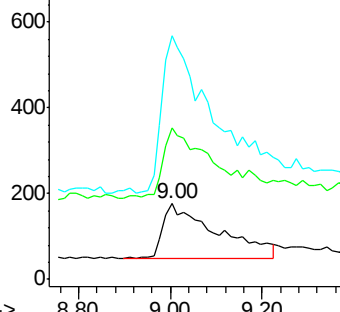
#8
 Nitrobenzene-d5
 Concen: 0.361 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190308

Tgt Ion: 82 Resp: 1058
 Ion Ratio Lower Upper
 82 100
 128 201.1 123.8 185.8#
 54 322.7 203.4 305.2#

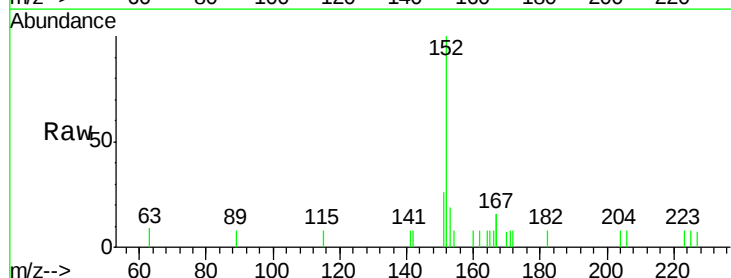


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

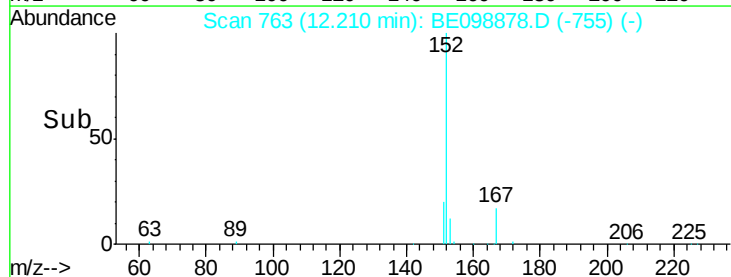
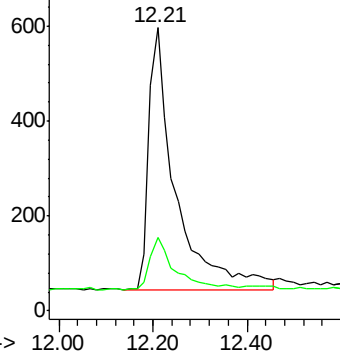


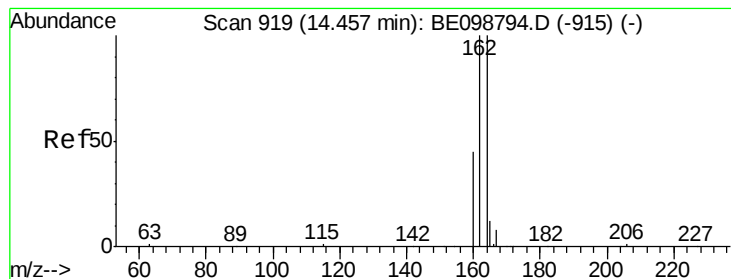
#11
 2-Methylnaphthalene-d10
 Concen: 0.421 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

Tgt Ion: 152 Resp: 2173
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308

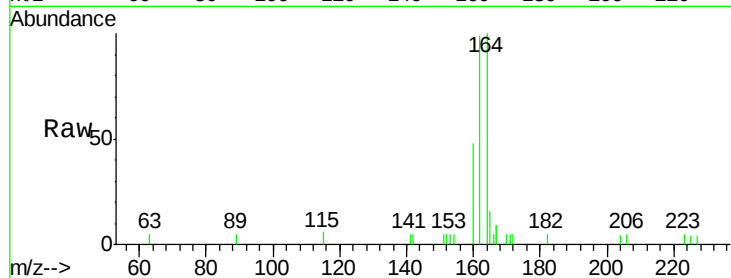
Tgt Ion:164 Resp: 2023

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

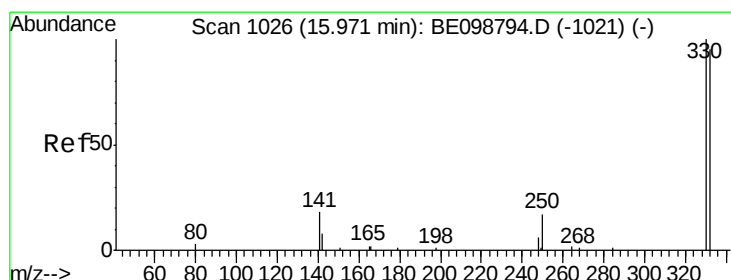
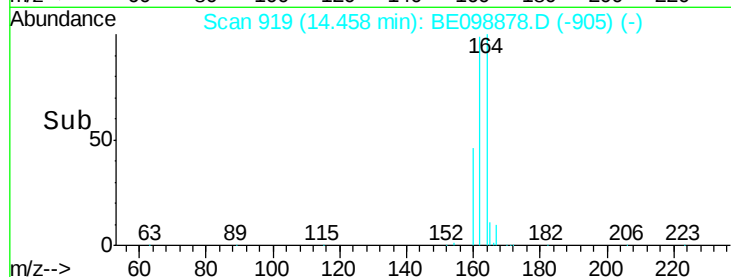
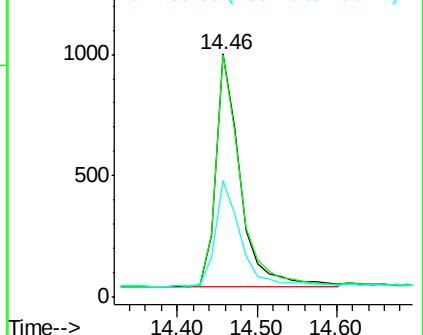
160 48.1 37.8 56.8



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: 0.379 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

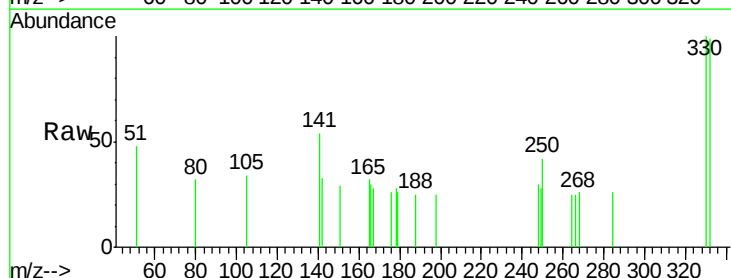
Tgt Ion:330 Resp: 387

Ion Ratio Lower Upper

330 100

332 104.4 77.6 116.4

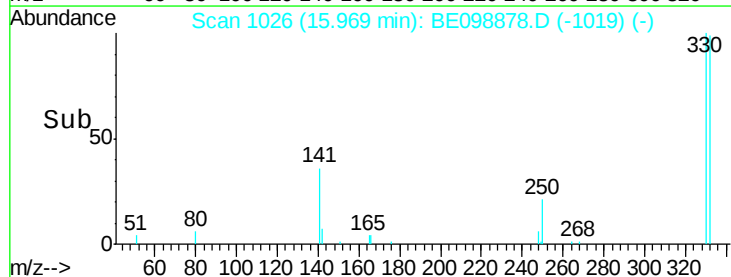
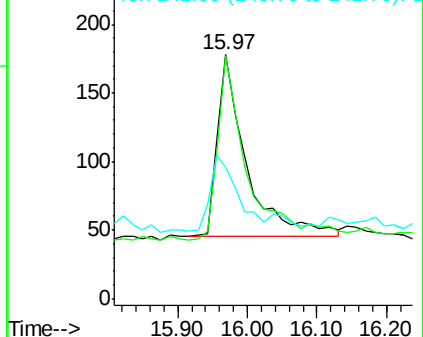
141 39.3 31.0 46.4

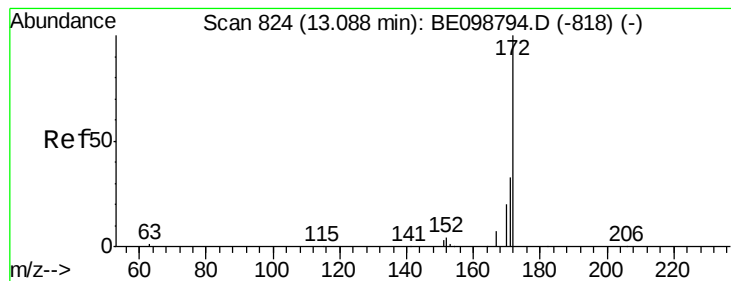


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

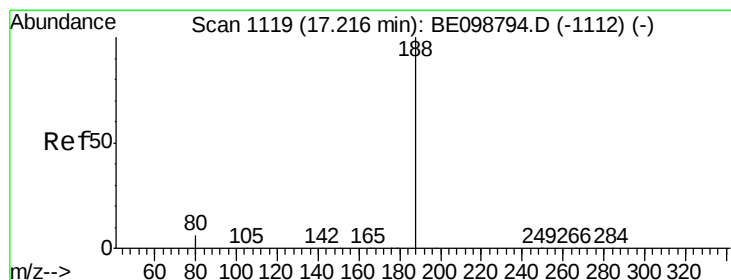
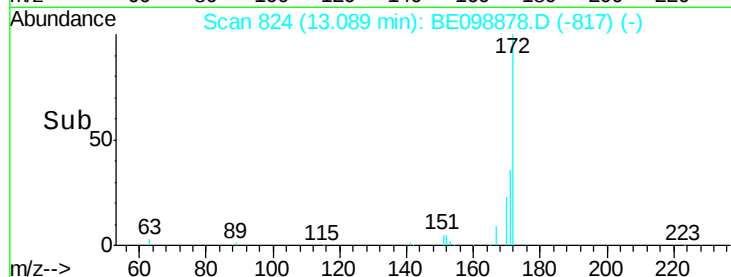
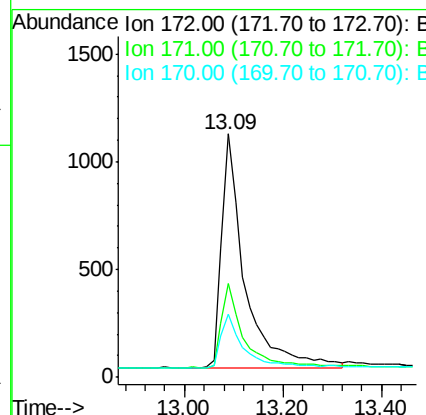
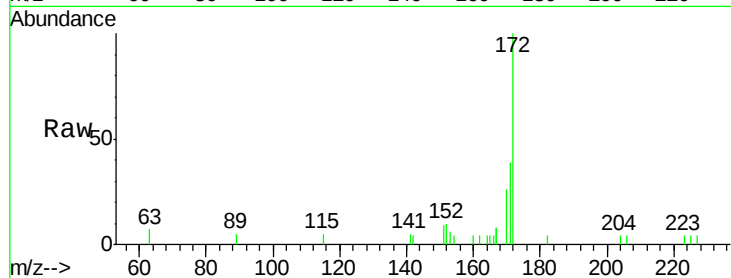




#15
 2-Fluorobiphenyl
 Concen: 0.418 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

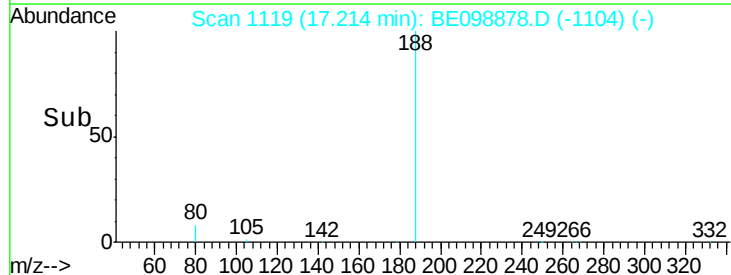
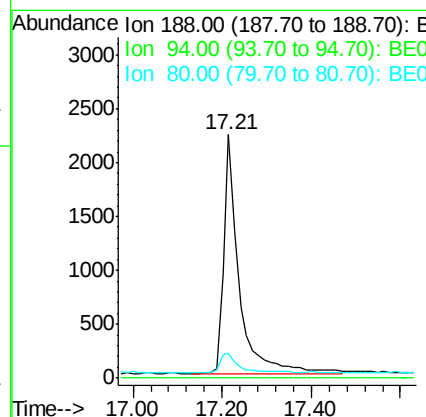
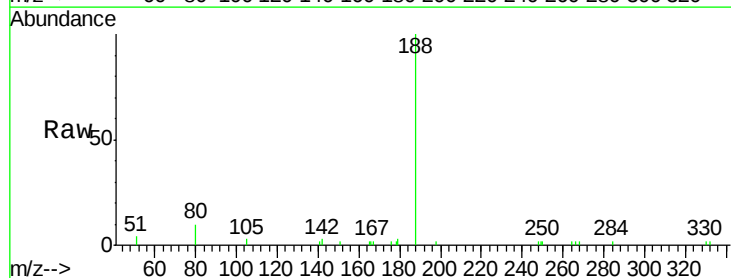
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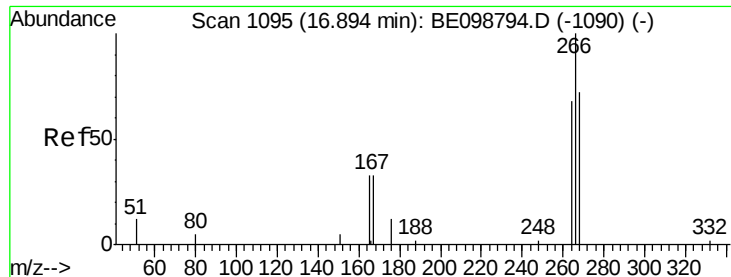
Tgt Ion:172 Resp: 3499
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.0 42.0
 170 25.7 17.7 26.5



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

Tgt Ion:188 Resp: 5280
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.3 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.267 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

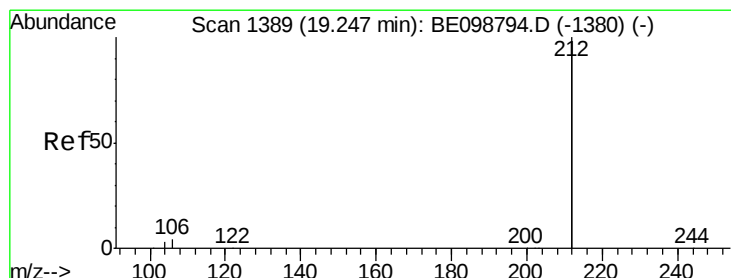
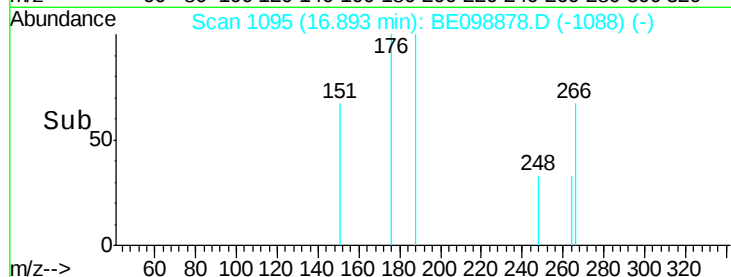
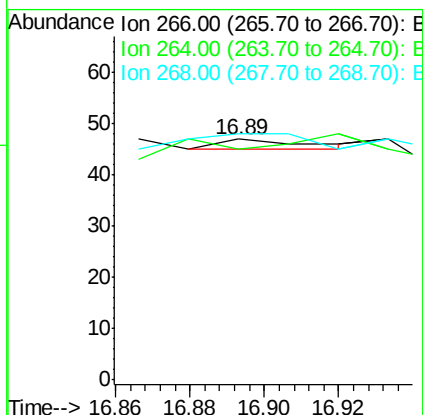
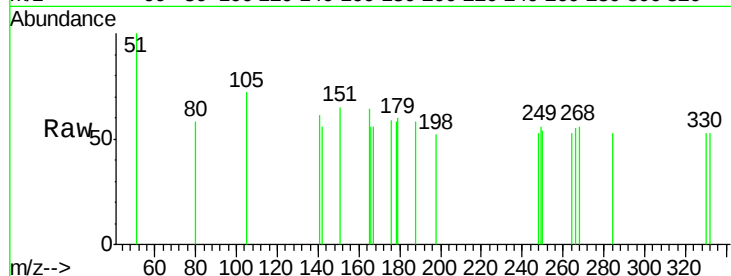
Instrument :

BNA_E

ClientSampleId :

DUP03-20190308

Tgt Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	95.7	66.6	100.0
268	102.1	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.388 ng

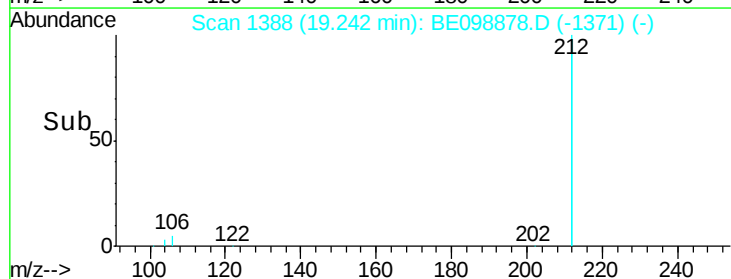
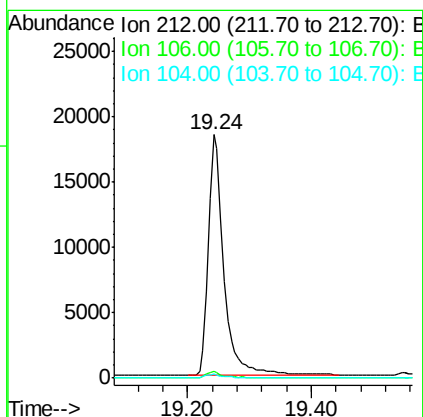
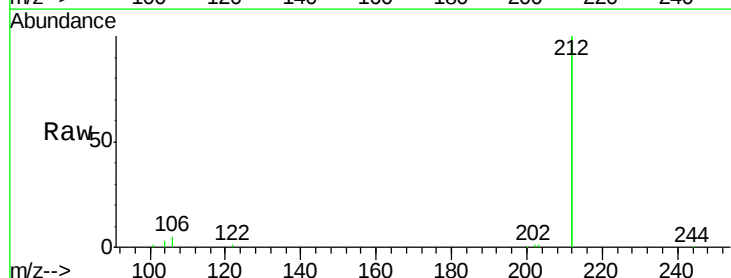
RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Tgt Ion:	212	Resp:	32675
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.0	1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308

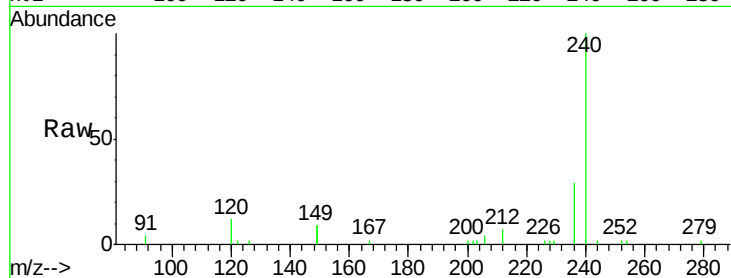
Tgt Ion:240 Resp: 6444

Ion Ratio Lower Upper

240 100

120 11.7 5.0 7.4#

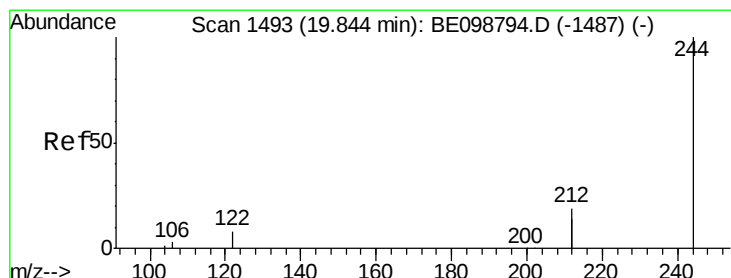
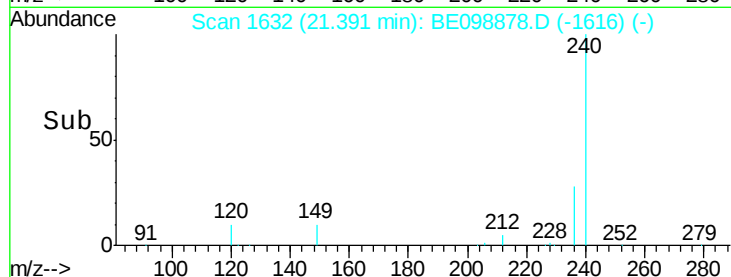
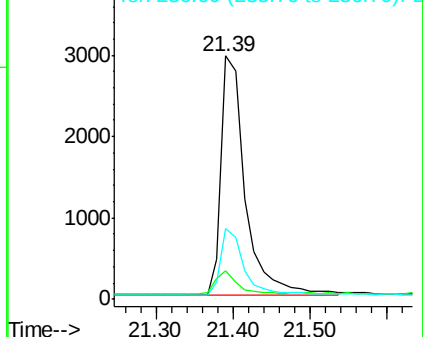
236 29.3 22.7 34.1



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: 0.597 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098878.D

Acq: 12 Mar 2019 2:17

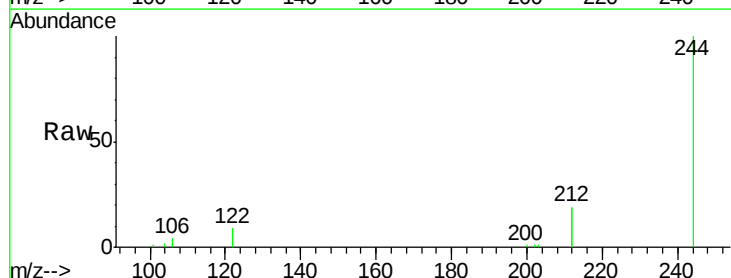
Tgt Ion:244 Resp: 9350

Ion Ratio Lower Upper

244 100

212 37.7 29.4 44.2

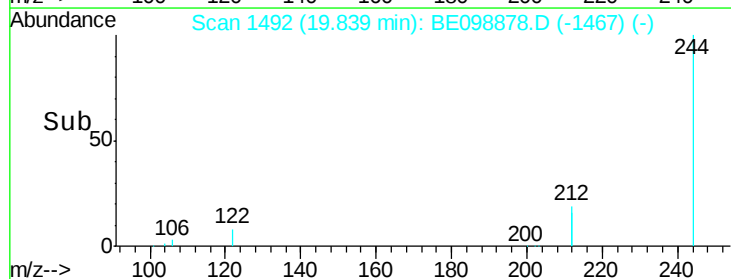
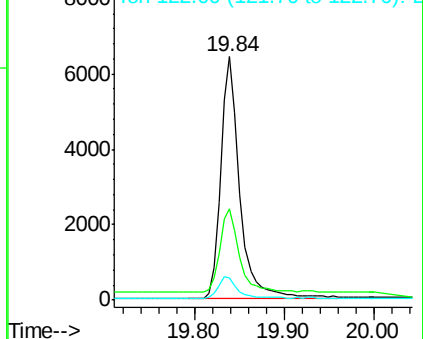
122 9.0 7.1 10.7

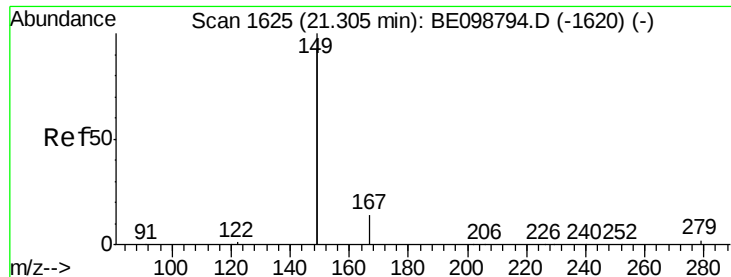


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

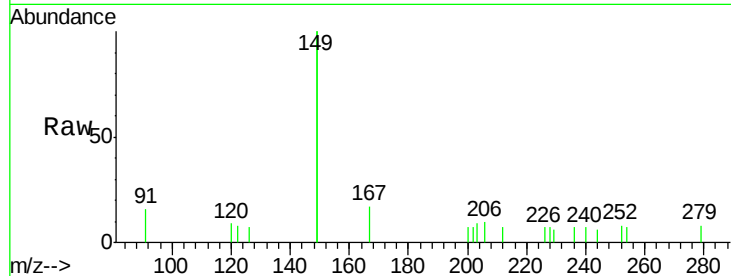




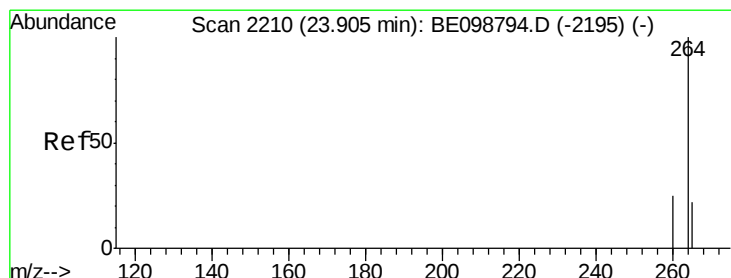
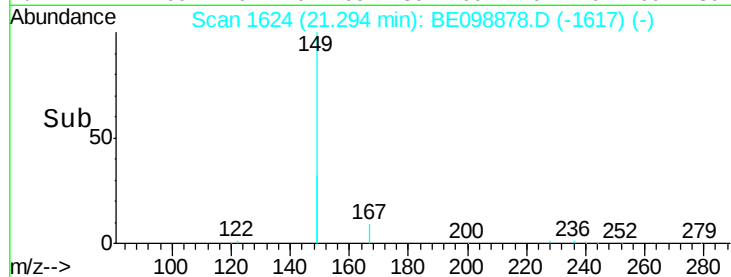
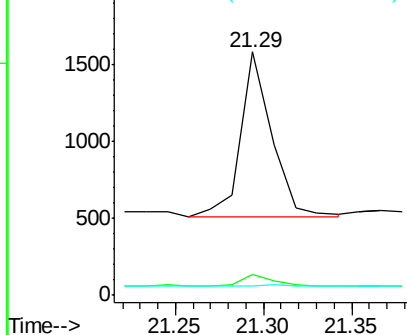
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190308

Tgt Ion:149 Resp: 1324
 Ion Ratio Lower Upper
 149 100
 167 7.7 5.4 8.0
 279 1.1 1.0 1.4

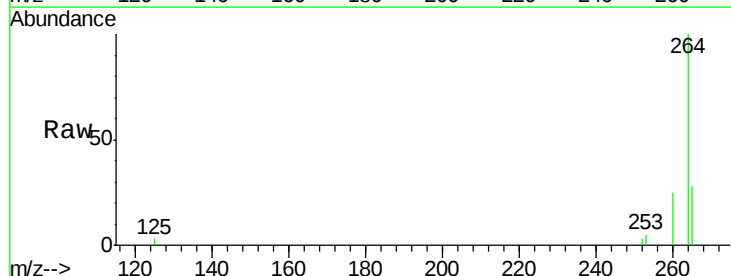


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098878.D
 Acq: 12 Mar 2019 2:17

Tgt Ion:264 Resp: 6190
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.2 31.8
 265 28.1 24.6 36.8



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

