

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
 Data File : BE092434.D
 Acq On : 30 Sep 2016 13:59
 Operator : UM/SJ
 Sample : PB93716BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 30 14:43:41 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

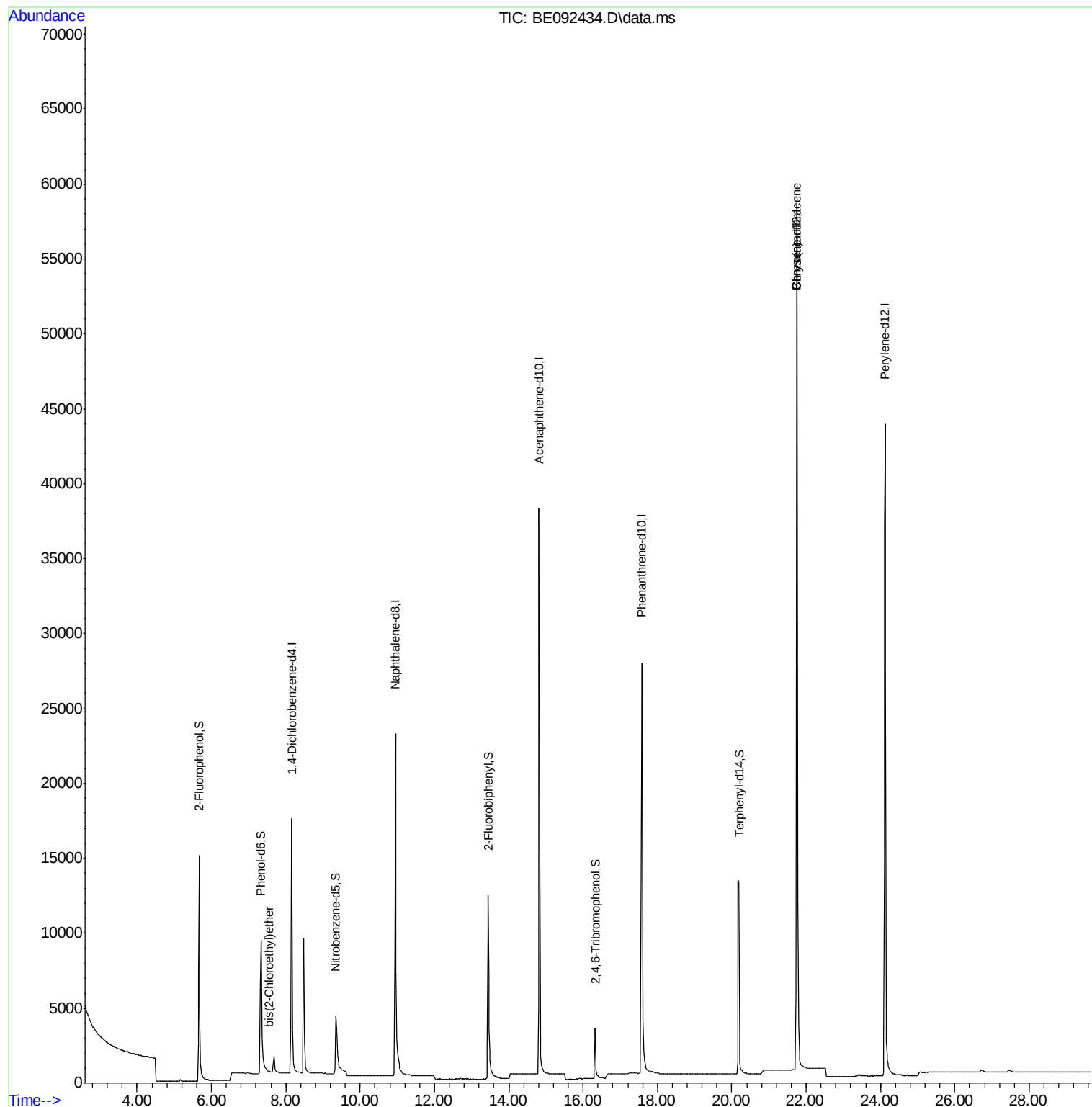
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.165	152	9993	5.00	ng	-0.02
7) Naphthalene-d8	10.951	136	39739	5.00	ng	0.00
12) Acenaphthene-d10	14.815	164	26420	5.00	ng	0.00
18) Phenanthrene-d10	17.580	188	51837	5.00	ng	0.02
24) Chrysene-d12	21.747	240	75973	5.00	ng	0.00
31) Perylene-d12	24.122	264	68899	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.664	112	13638	5.82	ng	-0.02
5) Phenol-d6	7.336	99	15535	4.65	ng	-0.02
8) Nitrobenzene-d5	9.340	82	6832	2.47	ng	-0.02
13) 2,4,6-Tribromophenol	16.319	330	3299	3.61	ng	0.00
14) 2-Fluorobiphenyl	13.444	172	18452	2.95	ng	0.00
26) Terphenyl-d14	20.191	244	25789	2.74	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.559	88	2	Below Cal	#	19
6) bis(2-Chloroethyl)ether	7.543	93	7	0.09 ng	#	78
27) Benzo(a)anthracene	21.747	228	1869	0.03 ng	#	66
28) Chrysene	21.747	228	1899	0.03 ng	#	65

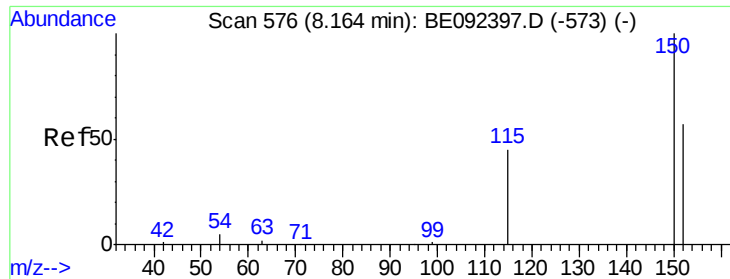
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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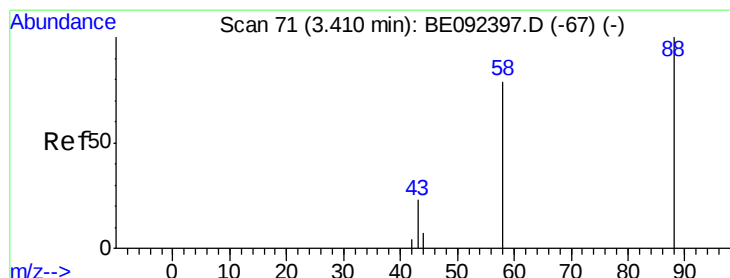
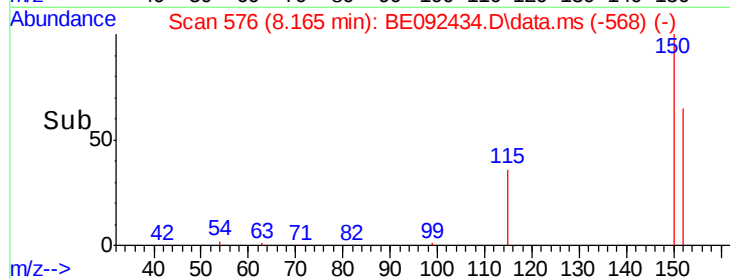
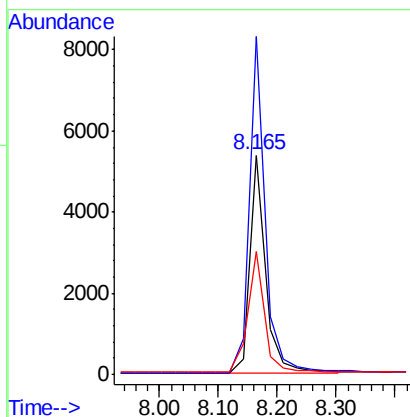
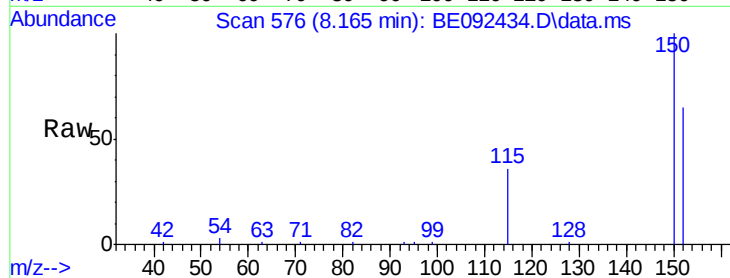




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.165 min Scan# 57
 Delta R.T. -0.023 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

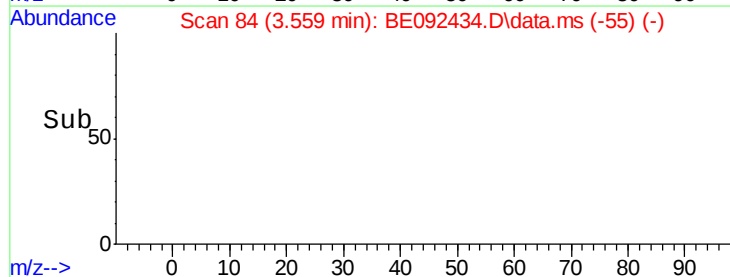
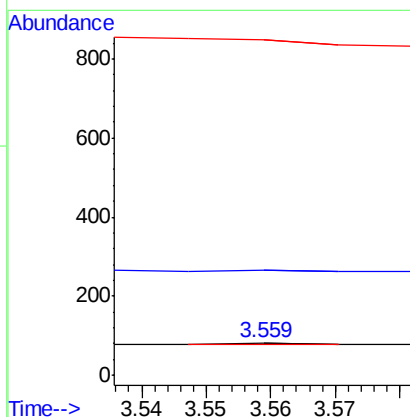
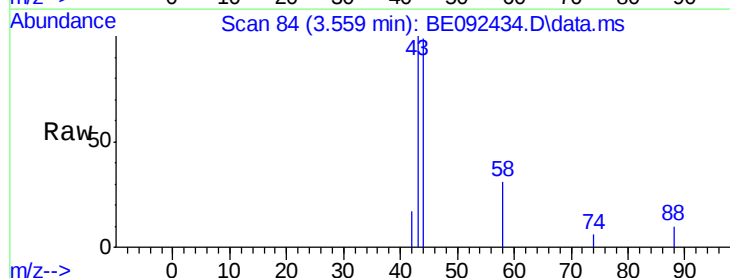
Instrument :
 BNA_E
 ClientSampleId :

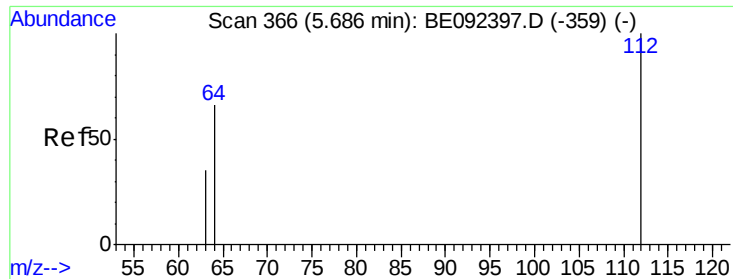
Tot Ion:152 Resp: 9993
 Ion Ratio Lower Upper
 152 100
 150 153.9 106.0 159.0
 115 56.0 31.2 46.8#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.559 min Scan# 84
 Delta R.T. 0.138 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Tgt Ion: 88 Resp: 2
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.6 95.4#
 43 0.0 28.0 42.0#

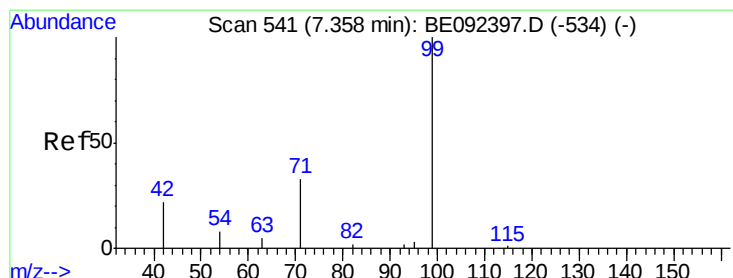
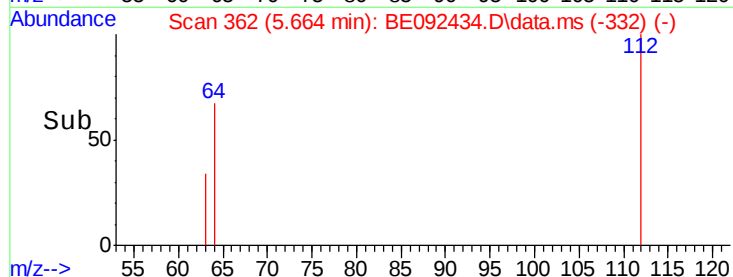
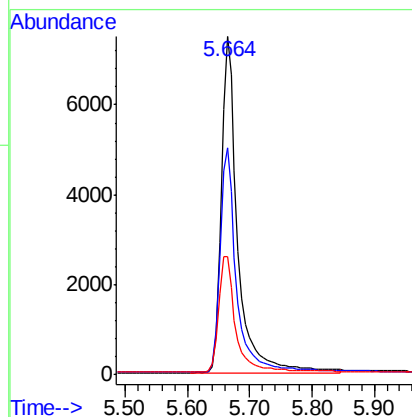
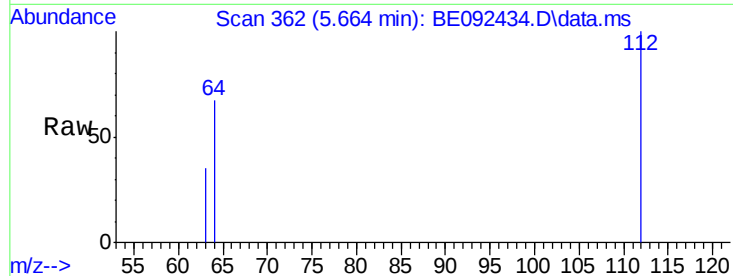




#4
2-Fluorophenol
Concen: 5.82 ng
RT: 5.664 min Scan# 36
Delta R.T. -0.022 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

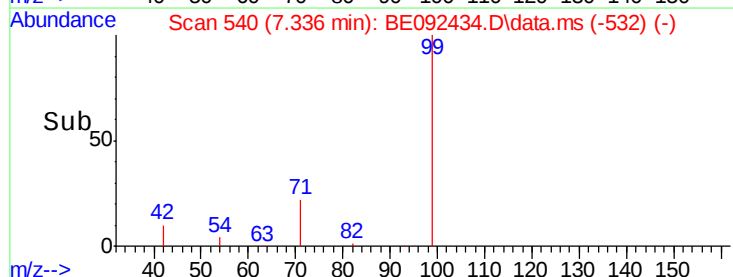
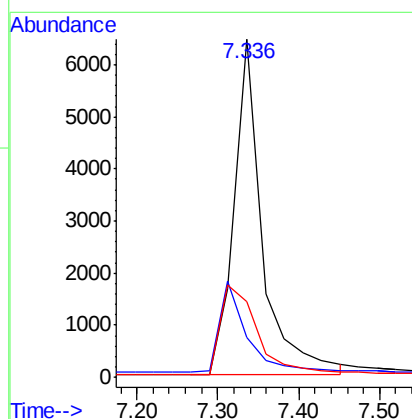
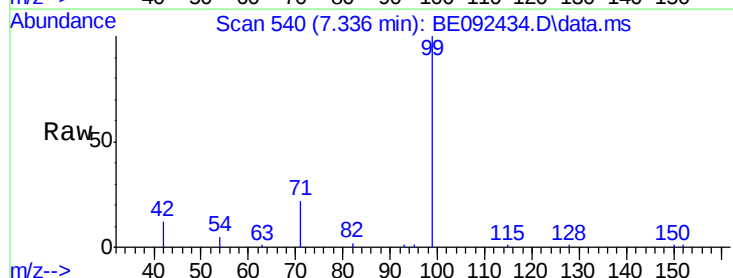
Instrument :
BNA_E
ClientSampleId :

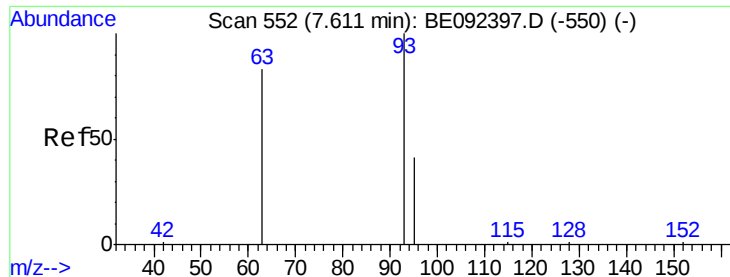
Tot Ion:112 Resp: 13638
Ion Ratio Lower Upper
112 100
64 67.3 53.5 80.3
63 35.9 27.9 41.9



#5
Phenol-d6
Concen: 4.65 ng
RT: 7.336 min Scan# 540
Delta R.T. -0.022 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

Tgt Ion: 99 Resp: 15535
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 0.0 30.6 45.8#

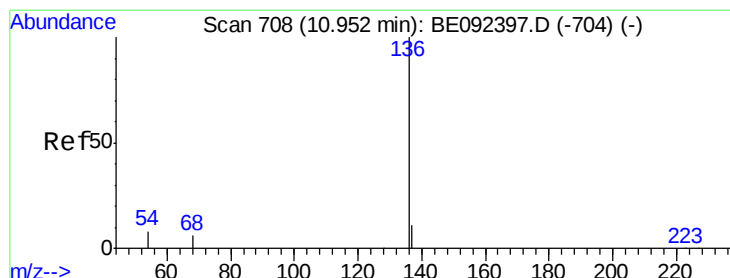
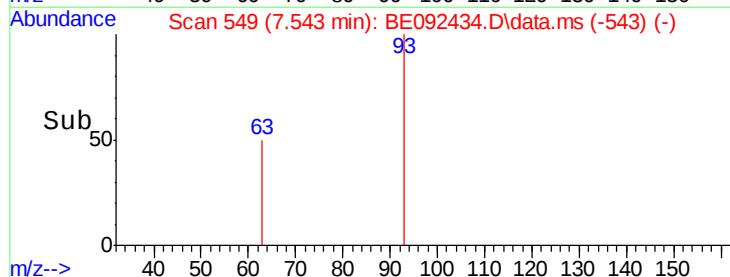
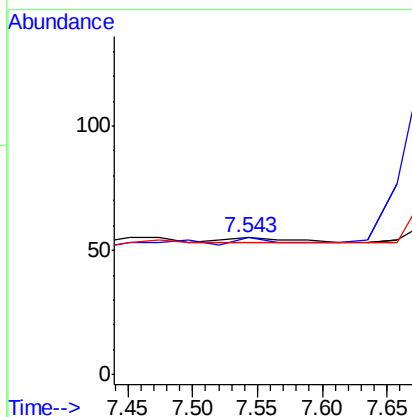
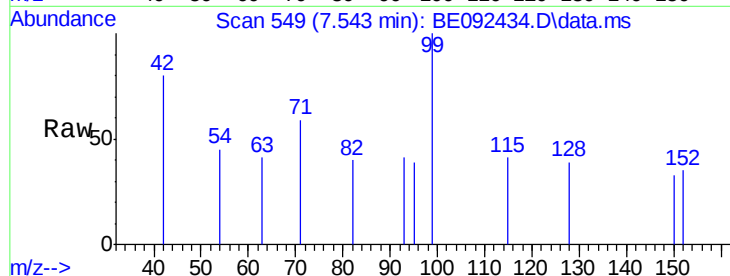




#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.543 min Scan# 54
Delta R.T. -0.068 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

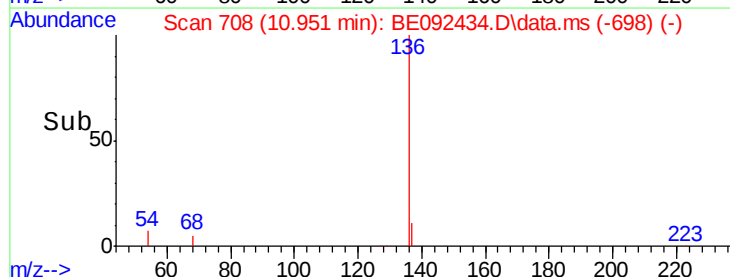
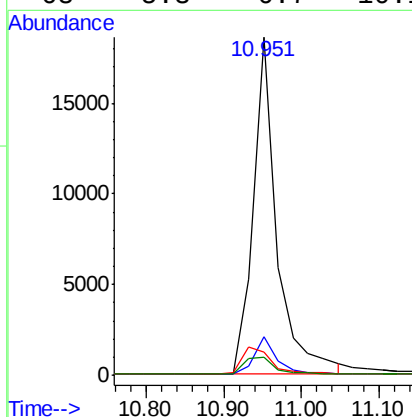
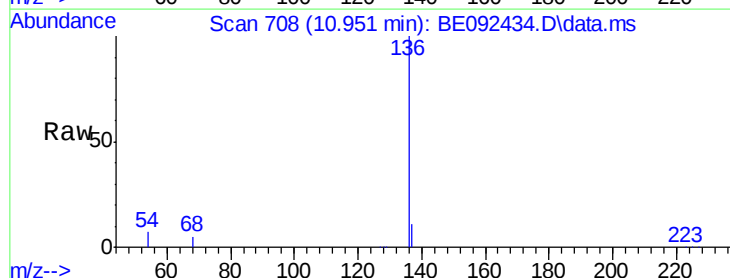
Instrument :
BNA_E
ClientSampleId :

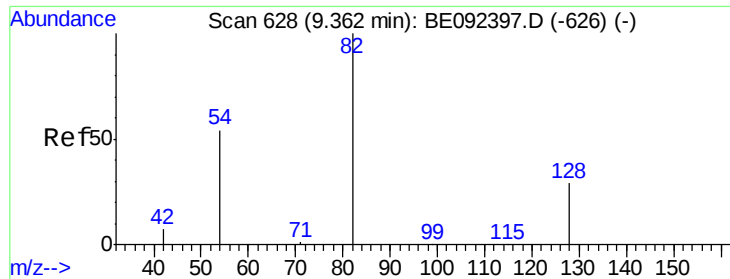
Tot Ion: 93 Resp: 7
Ion Ratio Lower Upper
93 100
63 100.0 71.6 107.4
95 0.0 24.0 36.0#



#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.951 min Scan# 708
Delta R.T. -0.001 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

Tgt Ion: 136 Resp: 39739
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.0 9.6 14.4#
68 5.3 6.7 10.1#

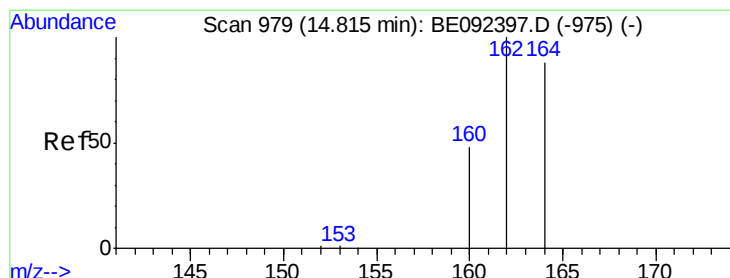
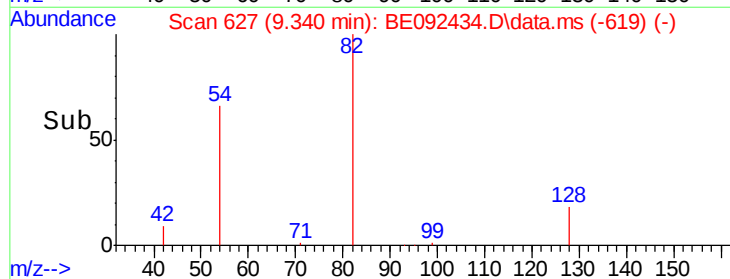
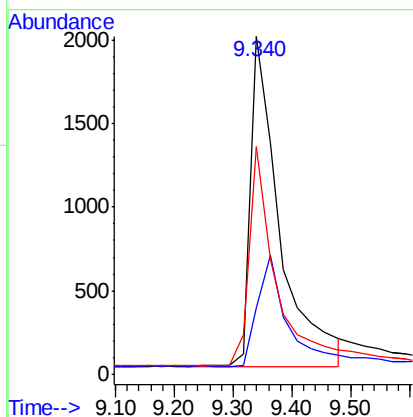
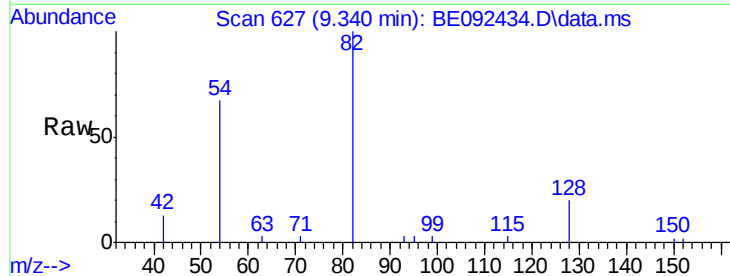




#8
 Nitrobenzene-d5
 Concen: 2.47 ng
 RT: 9.340 min Scan# 62
 Delta R.T. -0.022 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

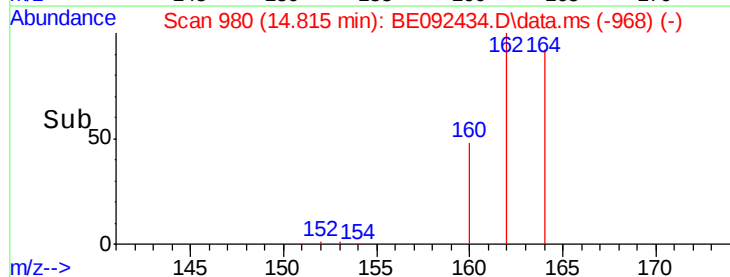
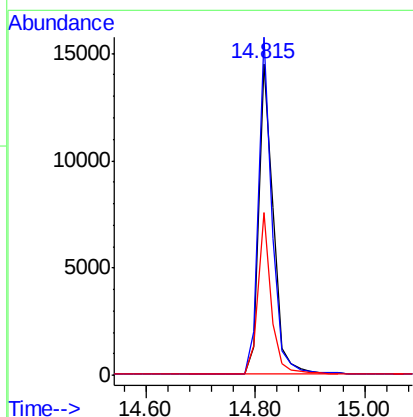
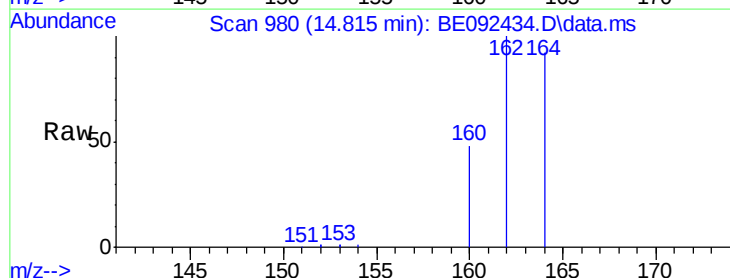
Instrument :
 BNA_E
 ClientSampleId :

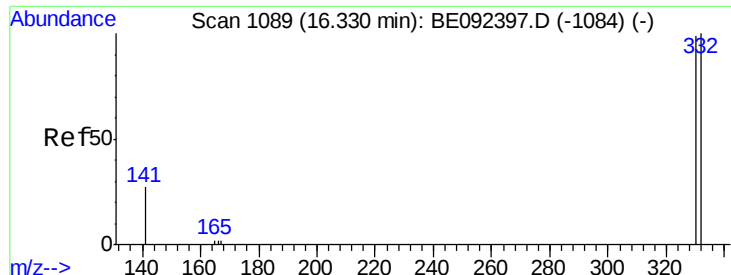
Tot Ion	82	Resp	6832
Ion Ratio	100	Lower	Upper
128	19.9	39.0	58.4#
54	67.4	44.8	67.2#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.815 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Tgt Ion	164	Resp	26420
Ion Ratio	100	Lower	Upper
162	108.5	71.4	107.0#
160	52.2	27.4	41.2#

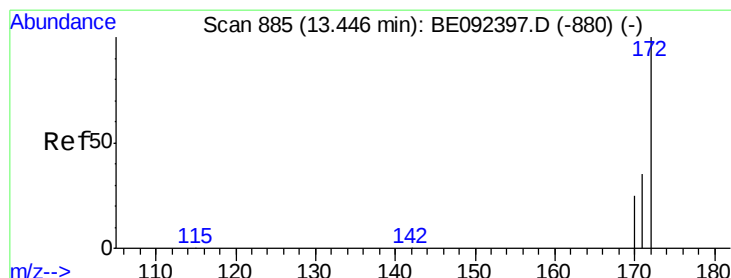
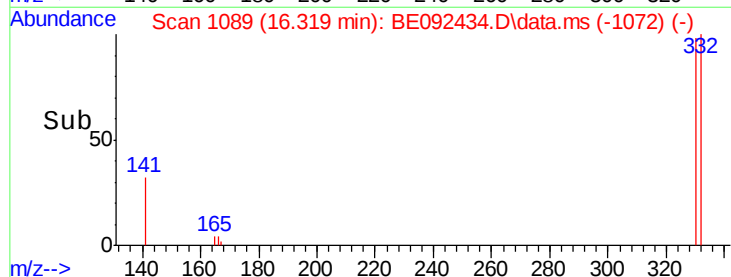
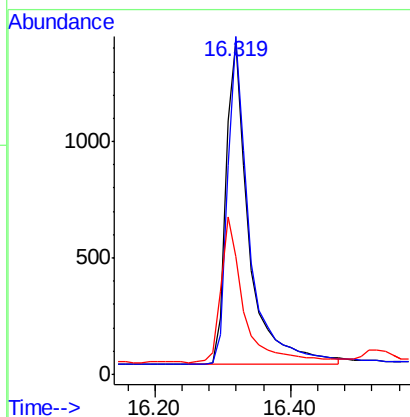
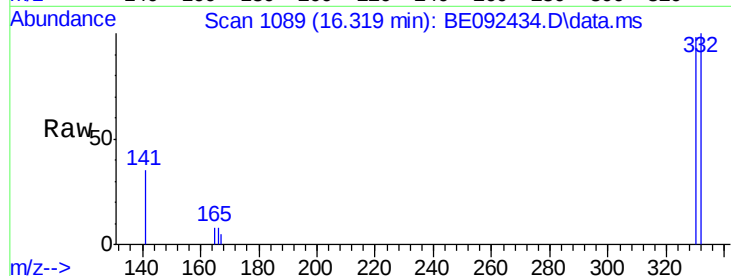




#13
 2,4,6-Tribromophenol
 Concen: 3.61 ng
 RT: 16.319 min Scan# 1089
 Delta R.T. 0.001 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

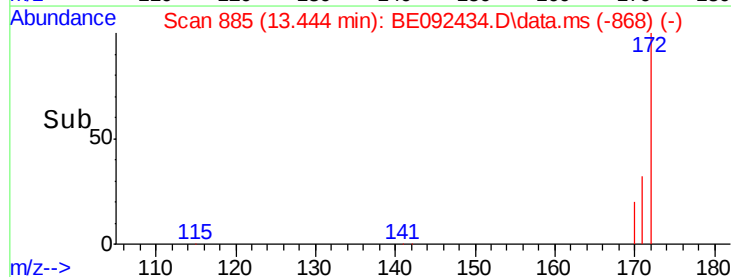
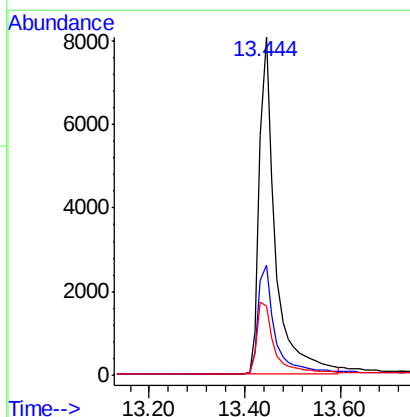
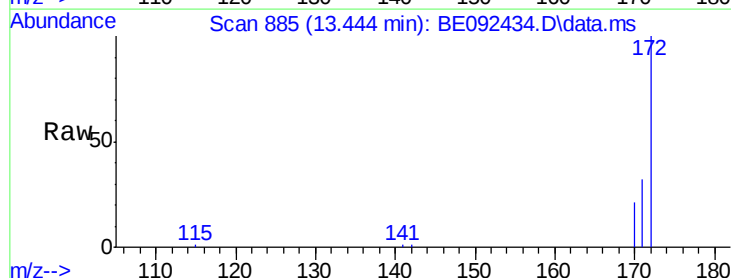
Instrument :
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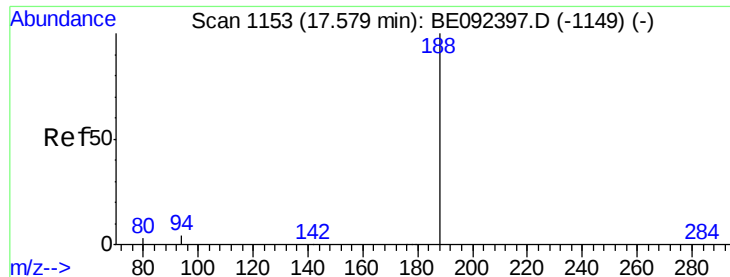
Tot Ion:330 Resp: 3299
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 44.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 2.95 ng
 RT: 13.444 min Scan# 885
 Delta R.T. -0.001 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Tgt Ion:172 Resp: 18452
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.1 45.1
 170 20.7 21.8 32.6#

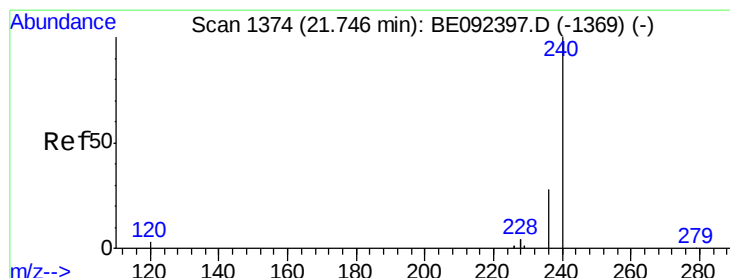
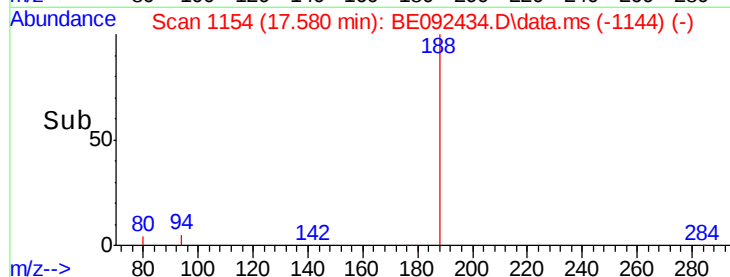
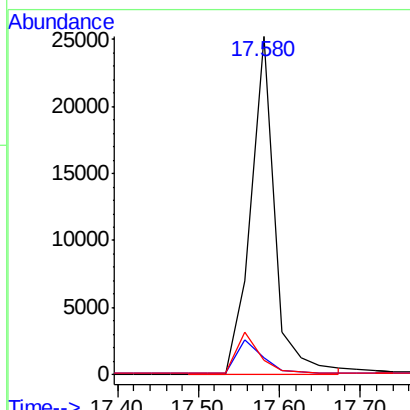
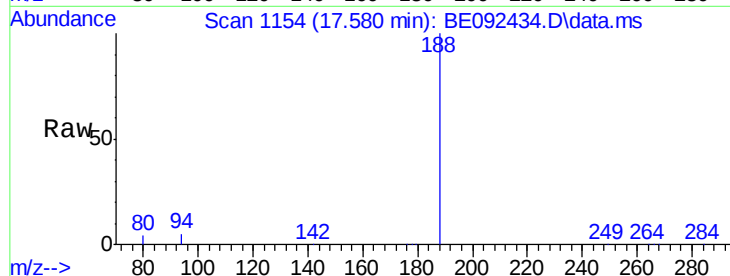




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.580 min Scan# 1153
Delta R.T. 0.023 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

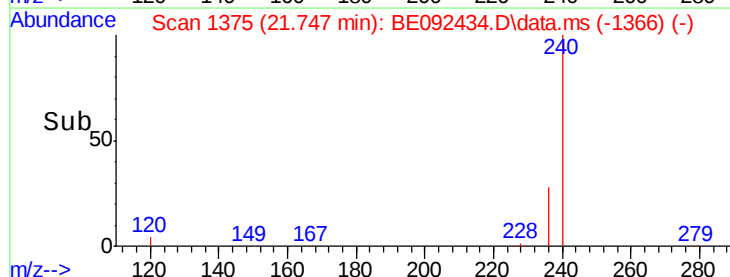
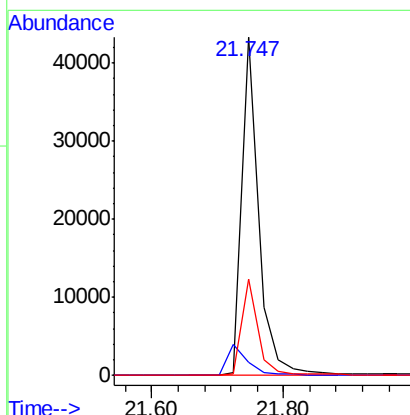
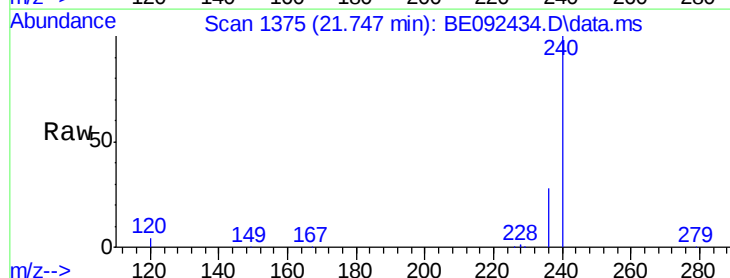
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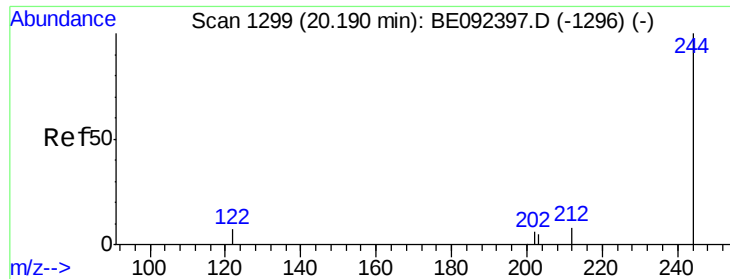
Tot Ion:188 Resp: 51837
Ion Ratio Lower Upper
188 100
94 4.8 3.2 4.8
80 4.4 2.6 3.8#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.747 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BE092434.D
Acq: 30 Sep 2016 13:59

Tgt Ion:240 Resp: 75973
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 28.4 24.6 37.0





#26

Terphenyl-d14

Concen: 2.74 ng

RT: 20.191 min Scan# 13

Delta R.T. 0.018 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

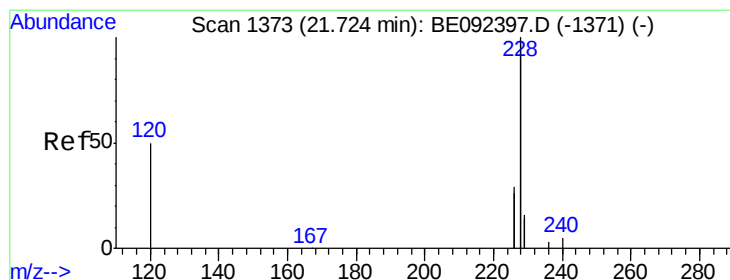
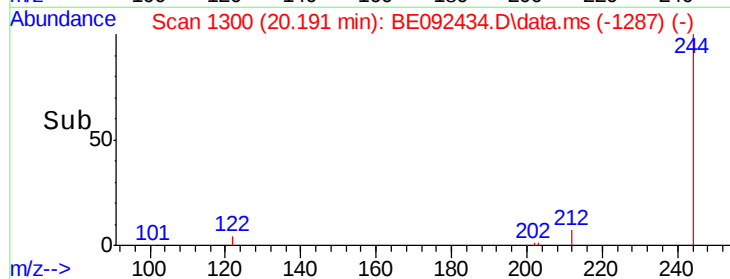
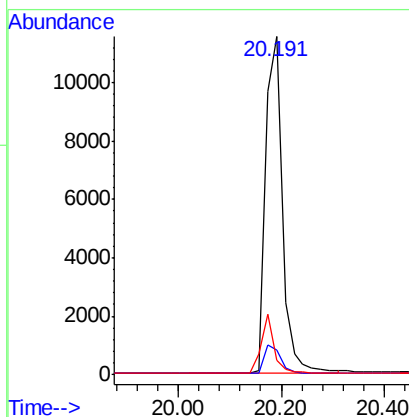
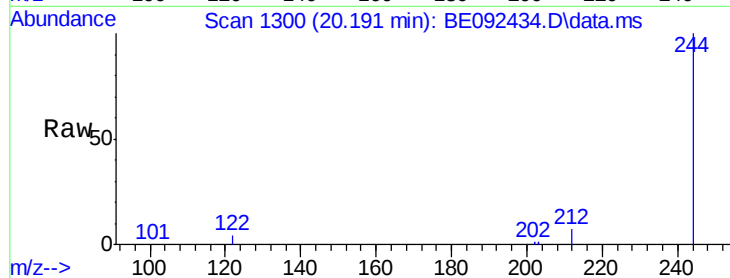
Tot Ion:244 Resp: 25789

Ion Ratio Lower Upper

244 100

212 7.2 6.7 10.1

122 4.1 3.6 5.4



#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.747 min Scan# 1375

Delta R.T. 0.023 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

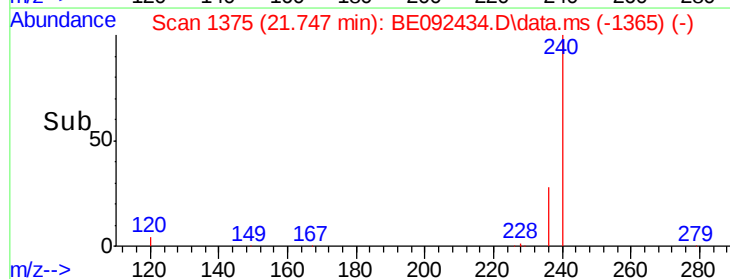
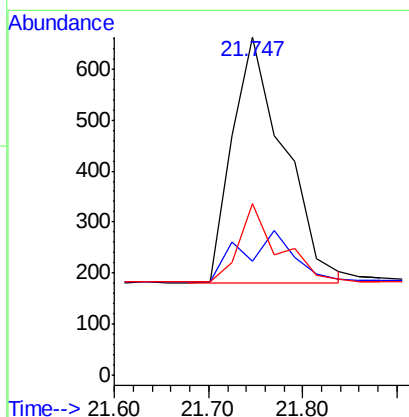
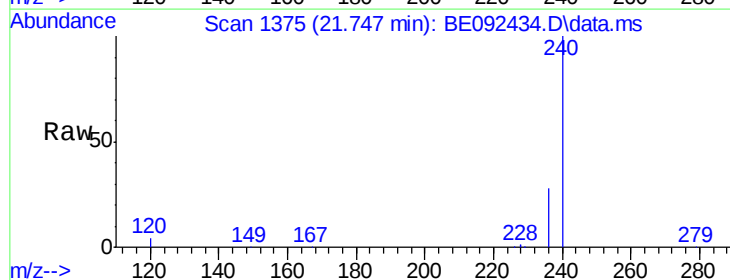
Tgt Ion:228 Resp: 1869

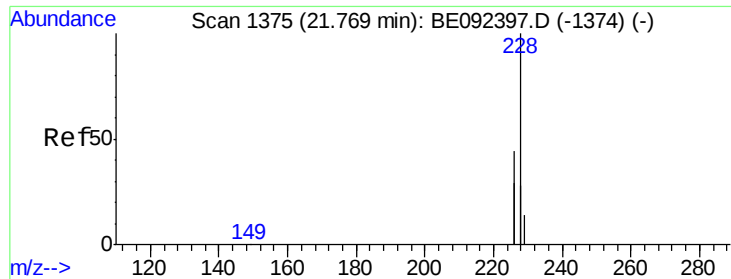
Ion Ratio Lower Upper

228 100

226 33.8 23.6 35.4

229 50.8 13.3 19.9#





#28

Chrysene

Concen: 0.03 ng

RT: 21.747 min Scan# 1375

Delta R.T. -0.021 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

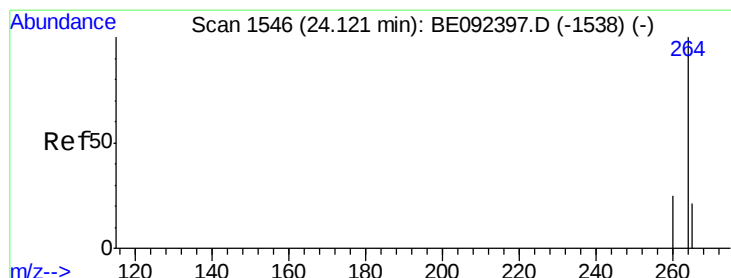
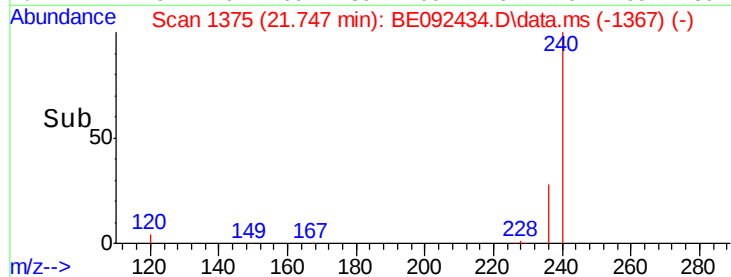
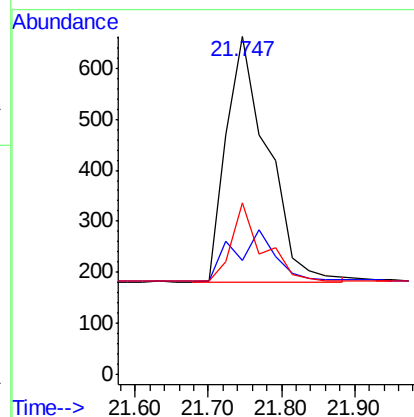
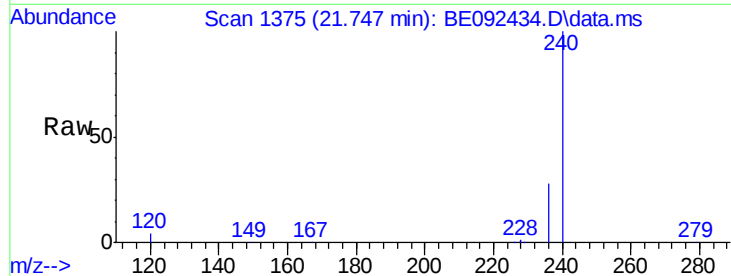
Tot Ion:228 Resp: 1899

Ion Ratio Lower Upper

228 100

226 33.8 36.3 54.5#

229 50.8 10.6 16.0#



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.122 min Scan# 1547

Delta R.T. 0.035 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Tgt Ion:264 Resp: 68899

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 22.2 17.9 26.9

