

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
 Data File : BE092440.D
 Acq On : 30 Sep 2016 18:28
 Operator : UM/SJ
 Sample : H5012-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 30 19:07:27 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	9988	5.00	ng	-0.02
7) Naphthalene-d8	10.951	136	43520	5.00	ng	0.00
12) Acenaphthene-d10	14.815	164	32713	5.00	ng	0.00
18) Phenanthrene-d10	17.580	188	67410	5.00	ng	0.02
24) Chrysene-d12	21.746	240	92342	5.00	ng	0.00
31) Perylene-d12	24.122	264	77719	5.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.670	112	6800	2.96	ng	-0.02
5) Phenol-d6	7.336	99	4544	1.42	ng	-0.02
8) Nitrobenzene-d5	9.340	82	10435	3.38	ng	-0.02
13) 2,4,6-Tribromophenol	16.308	330	7223	6.26	ng	-0.01
14) 2-Fluorobiphenyl	13.444	172	29859	3.86	ng	0.00
26) Terphenyl-d14	20.174	244	50581	4.42	ng	0.00

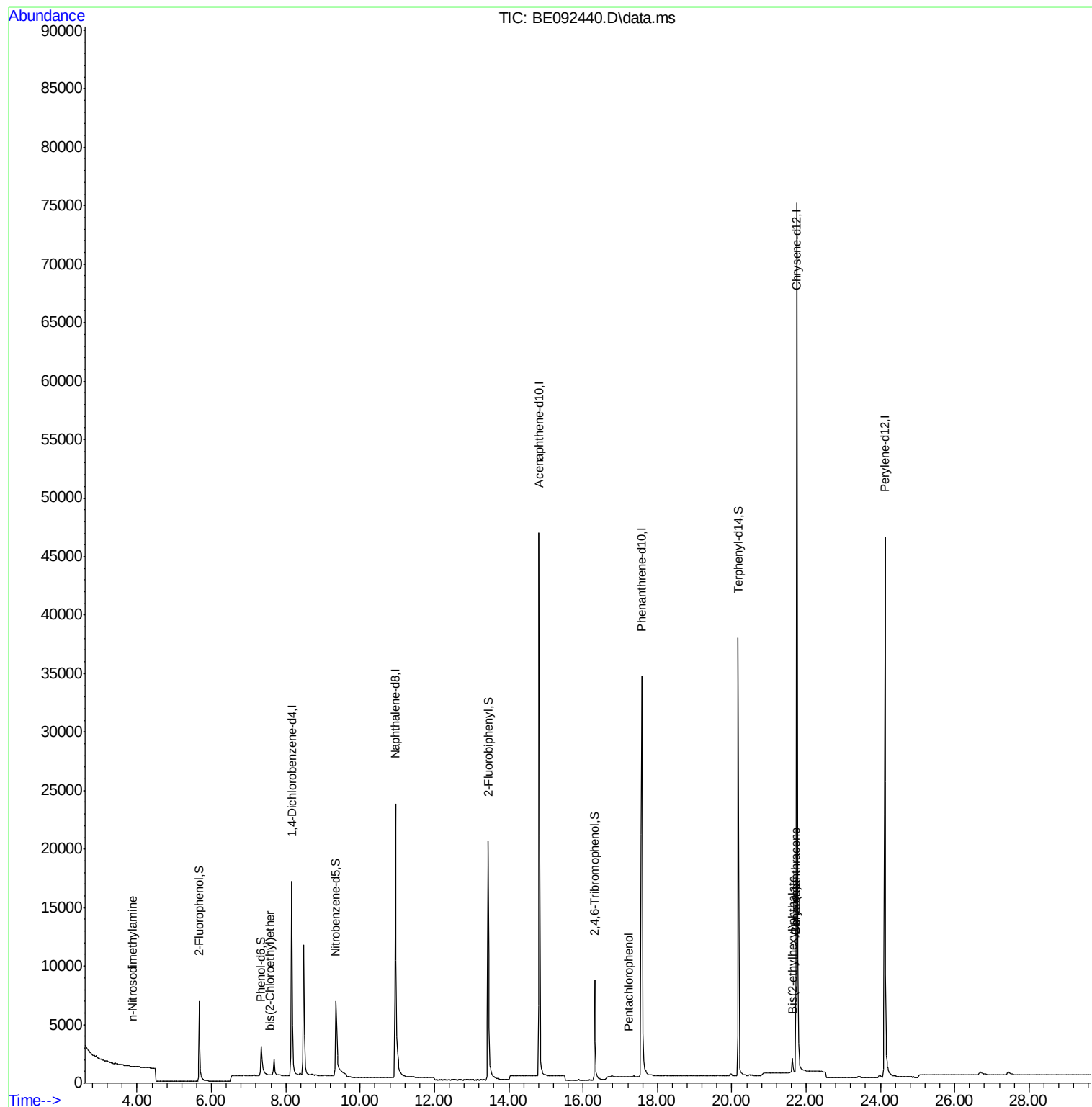
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.411	88	67	Below Cal	#	66
3) n-Nitrosodimethylamine	3.885	42	10	0.20 ng	#	2
6) bis(2-Chloroethyl)ether	7.566	93	3	0.09 ng	#	15
20) Pentachlorophenol	17.234	266	6	0.18 ng	#	72
27) Benzo(a)anthracene	21.724	228	2456	0.03 ng	#	67
28) Chrysene	21.724	228	2491	0.03 ng	#	84
29) Bis(2-ethylhexyl)phtha...	21.633	149	1971	0.25 ng	#	75

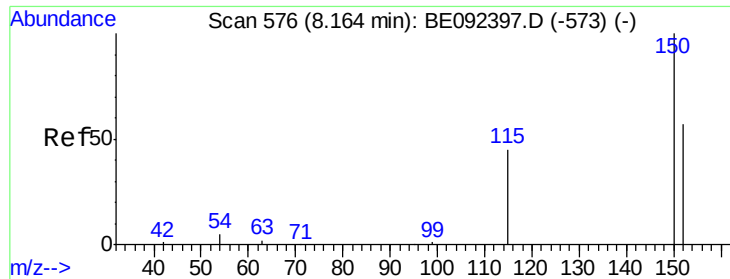
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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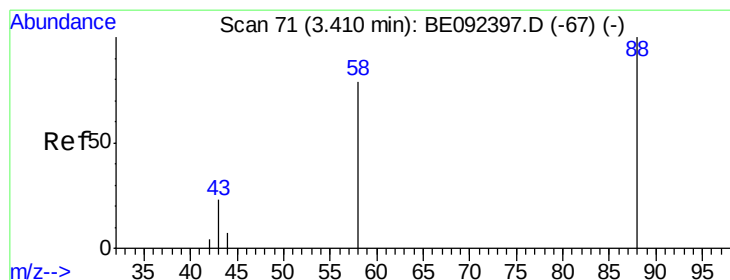
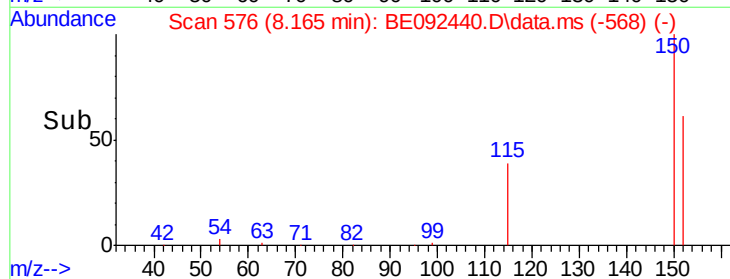
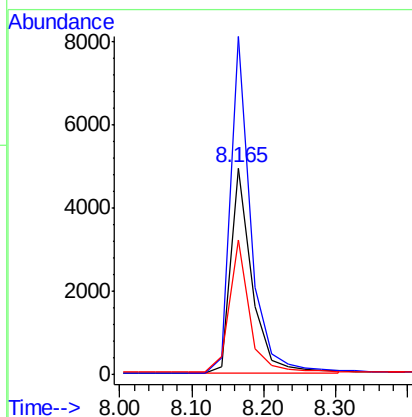
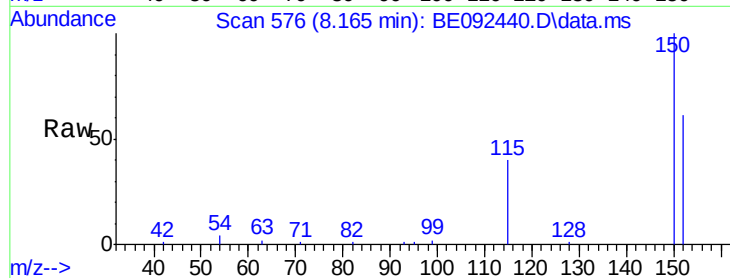




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.165 min Scan# 57
 Delta R.T. -0.023 min
 Lab File: BE092440.D
 Acq: 30 Sep 2016 18:28

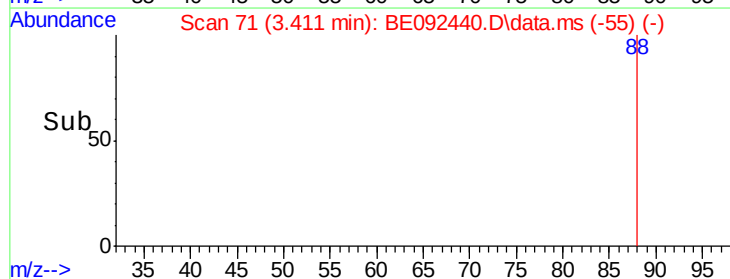
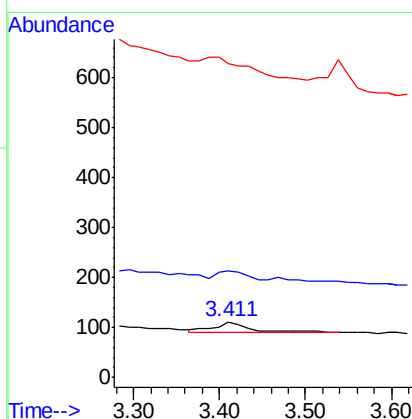
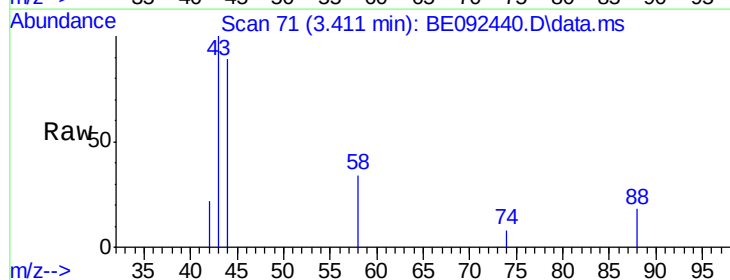
Instrument :
 BNA_E
 ClientSampleId :

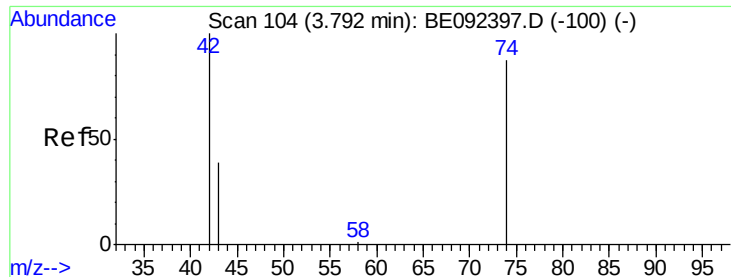
Tot Ion:152 Resp: 9988
 Ion Ratio Lower Upper
 152 100
 150 163.8 106.0 159.0#
 115 65.2 31.2 46.8#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.411 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: BE092440.D
 Acq: 30 Sep 2016 18:28

Tgt Ion: 88 Resp: 67
 Ion Ratio Lower Upper
 88 100
 58 59.7 63.6 95.4#
 43 0.0 28.0 42.0#

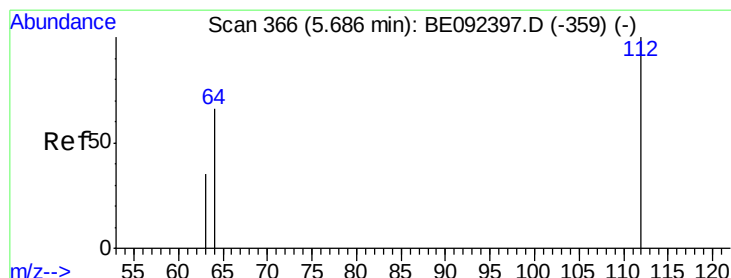
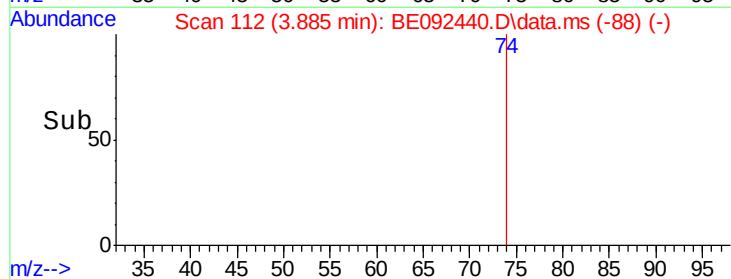
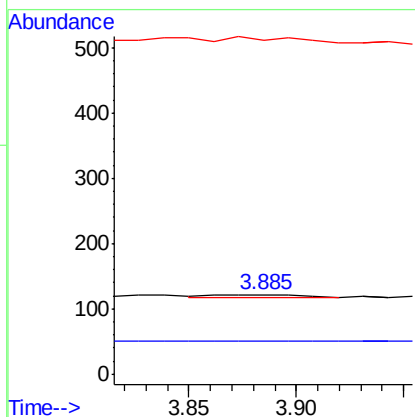
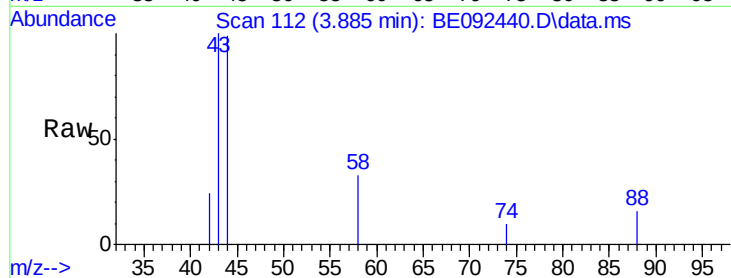




#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.885 min Scan# 111
Delta R.T. 0.083 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

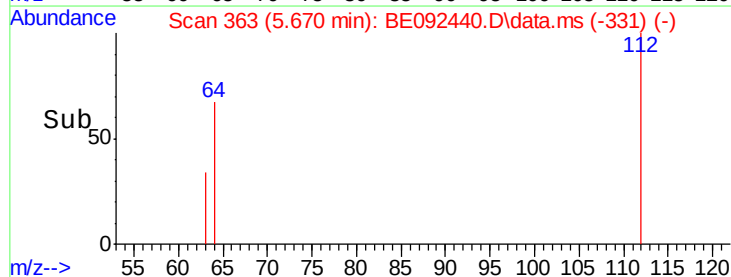
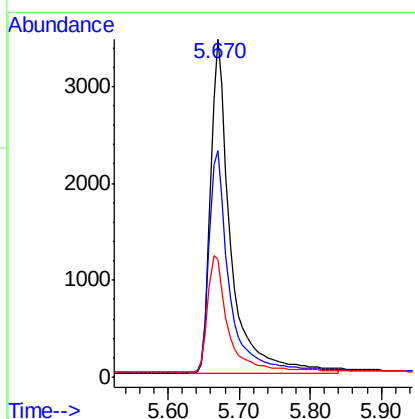
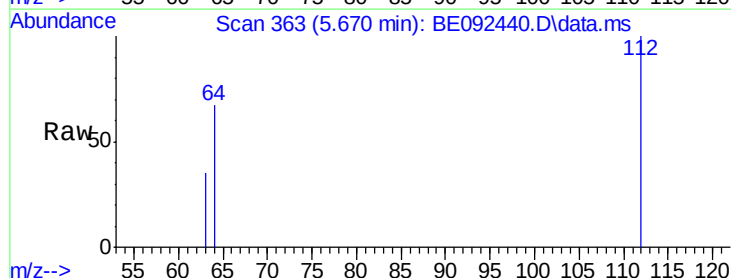
Instrument :
BNA_E
ClientSampleId :

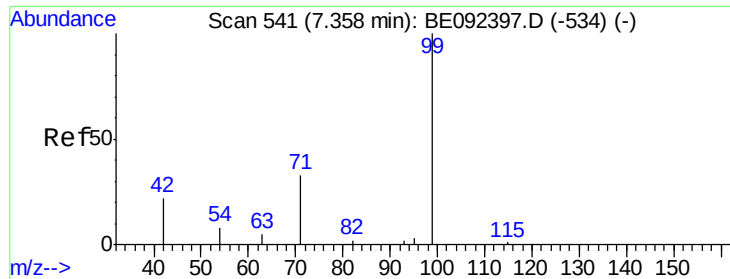
Tot Ion: 42 Resp: 10
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 0.0 5.1 7.7#



#4
2-Fluorophenol
Concen: 2.96 ng
RT: 5.670 min Scan# 363
Delta R.T. -0.016 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

Tgt Ion: 112 Resp: 6800
Ion Ratio Lower Upper
112 100
64 67.9 53.5 80.3
63 36.2 27.9 41.9





#5

Phenol-d6

Concen: 1.42 ng

RT: 7.336 min Scan# 541

Delta R.T. -0.022 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Instrument :

BNA_E

ClientSampled :

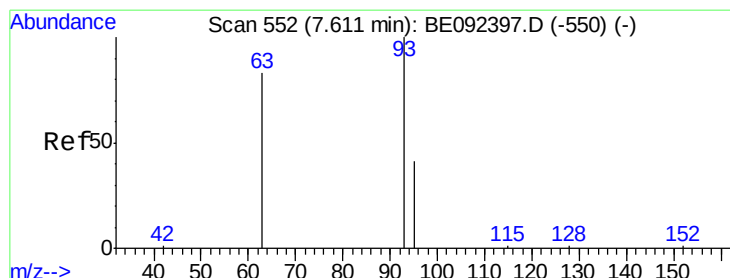
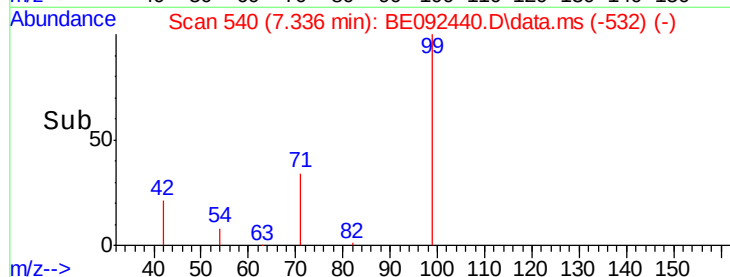
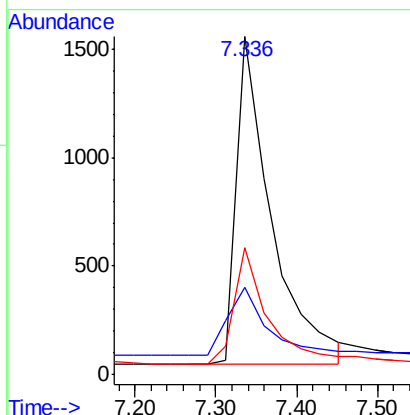
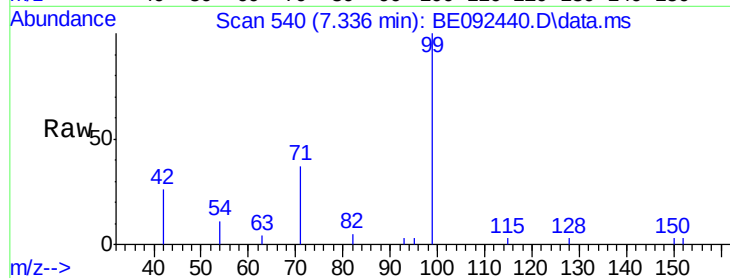
Tot Ion: 99 Resp: 4544

Ion Ratio Lower Upper

99 100

42 23.8 16.0 24.0

71 34.2 30.6 45.8



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.566 min Scan# 550

Delta R.T. -0.045 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

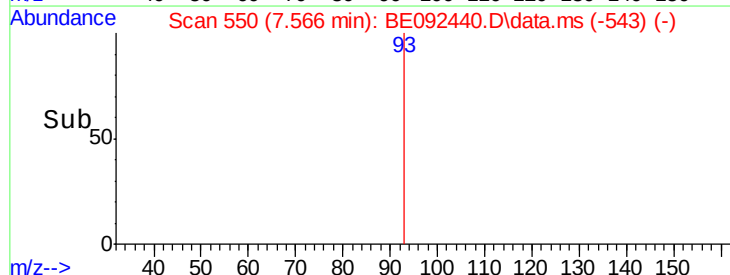
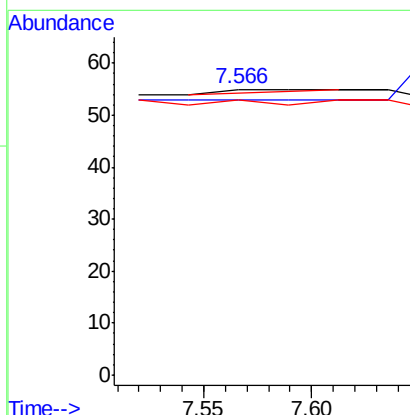
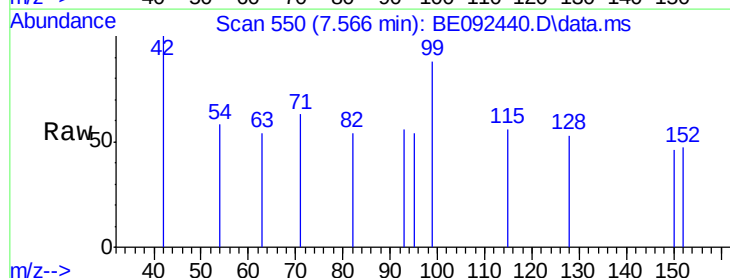
Tgt Ion: 93 Resp: 3

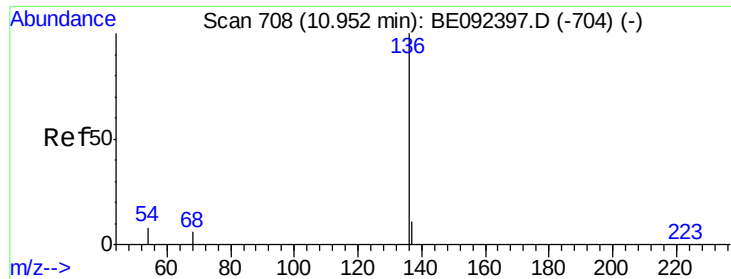
Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 0.0 24.0 36.0#

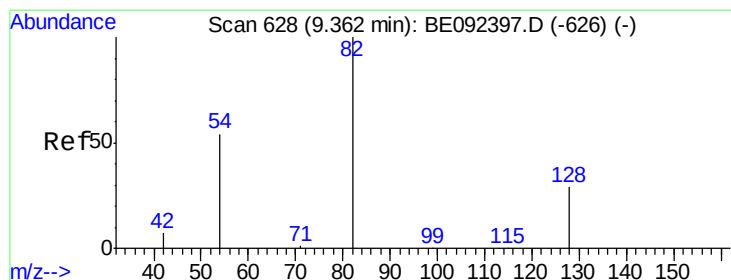
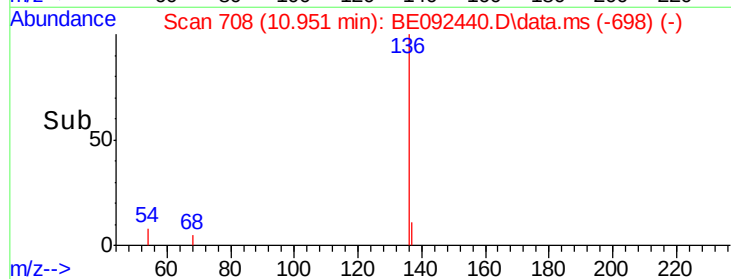
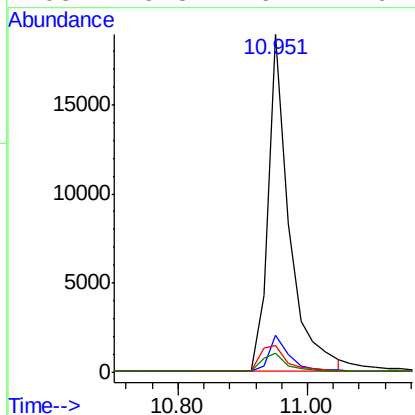
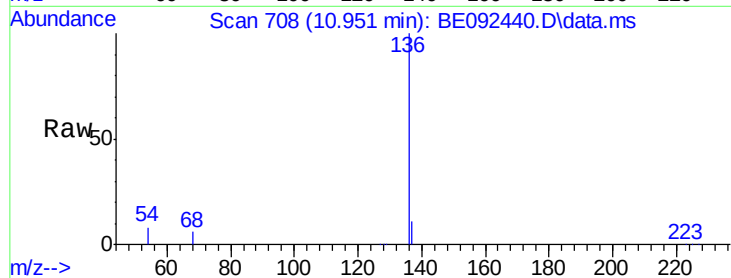




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.951 min Scan# 70
Delta R.T. -0.001 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

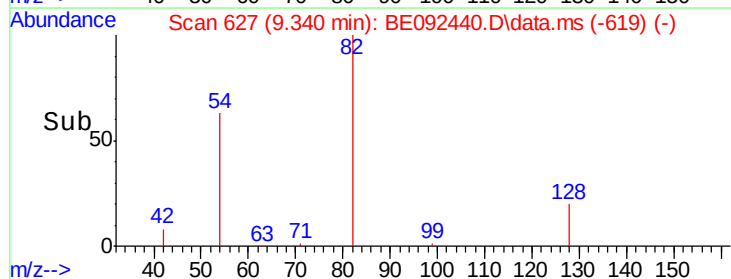
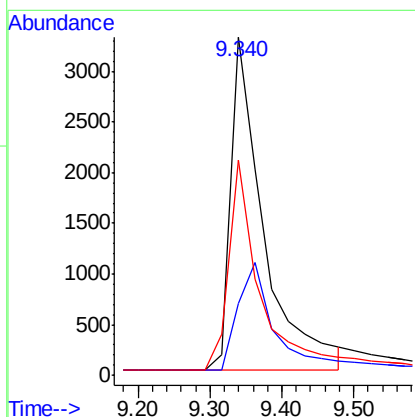
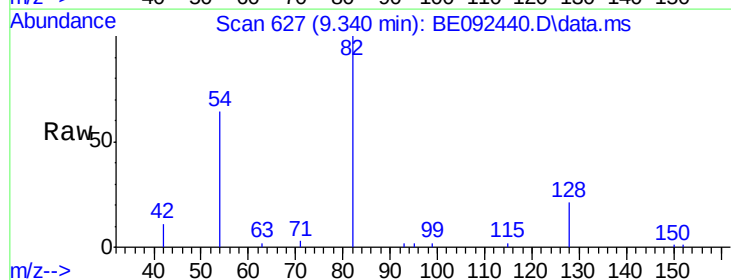
Instrument :
BNA_E
ClientSampleId :

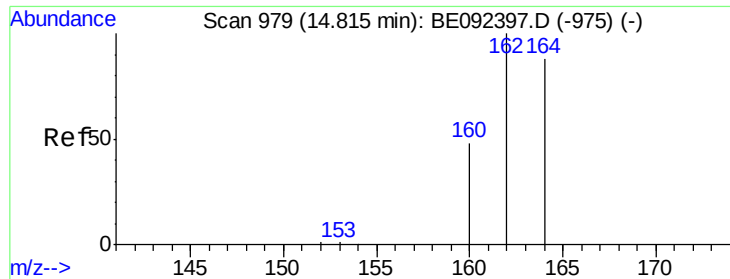
Tot Ion:	136	Resp:	43520
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.4
54	8.0	9.6	14.4#
68	5.8	6.7	10.1#



#8
Nitrobenzene-d5
Concen: 3.38 ng
RT: 9.340 min Scan# 627
Delta R.T. -0.022 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

Tgt Ion:	82	Resp:	10435
Ion Ratio	Lower	Upper	
82	100		
128	21.4	39.0	58.4#
54	63.8	44.8	67.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.815 min Scan# 98

Delta R.T. -0.001 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

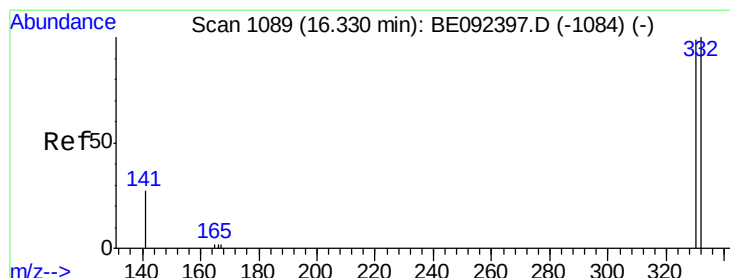
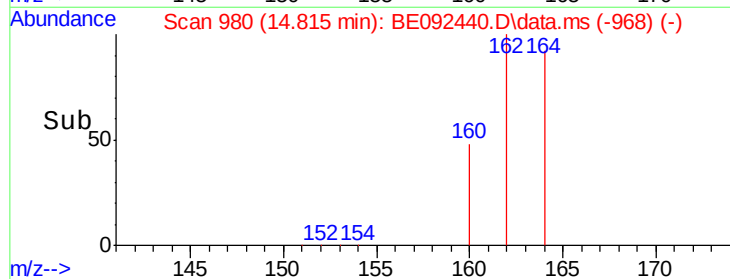
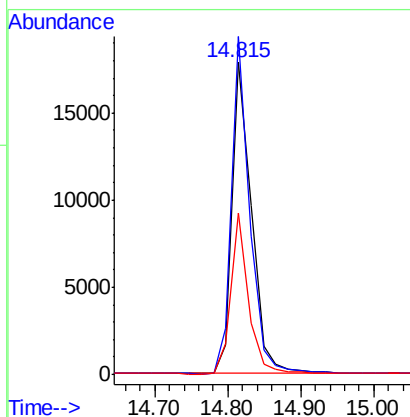
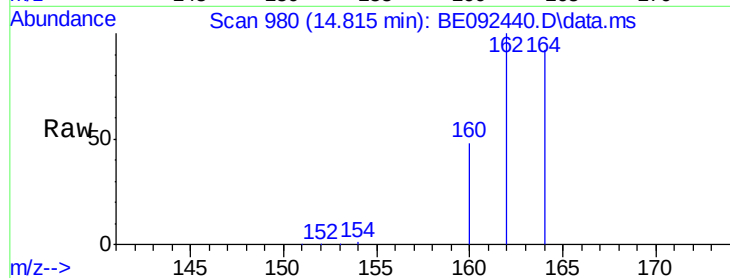
Tot Ion:164 Resp: 32713

Ion Ratio Lower Upper

164 100

162 108.4 71.4 107.0#

160 51.6 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 6.26 ng

RT: 16.308 min Scan# 1088

Delta R.T. -0.010 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

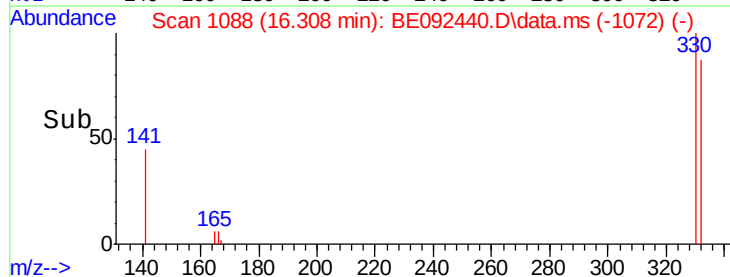
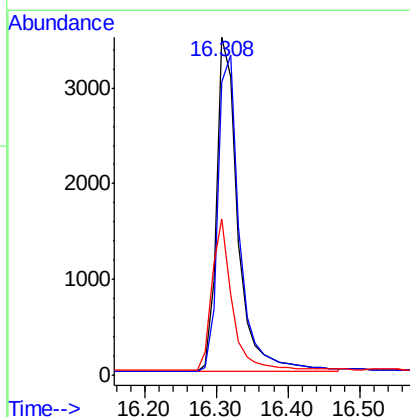
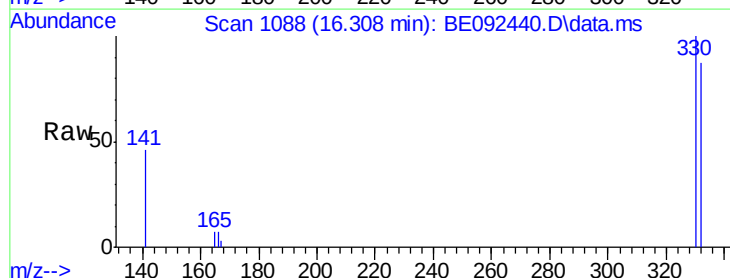
Tgt Ion:330 Resp: 7223

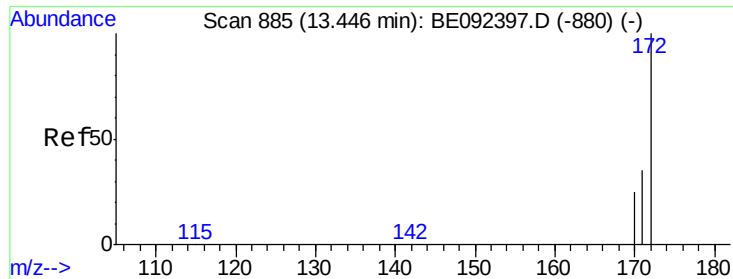
Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

141 43.4 31.0 46.6

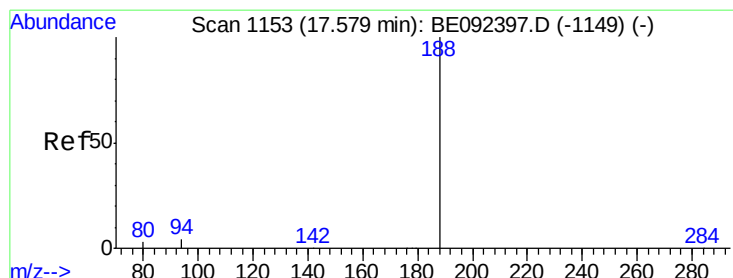
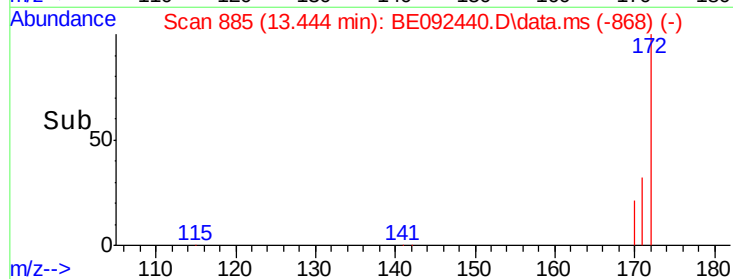
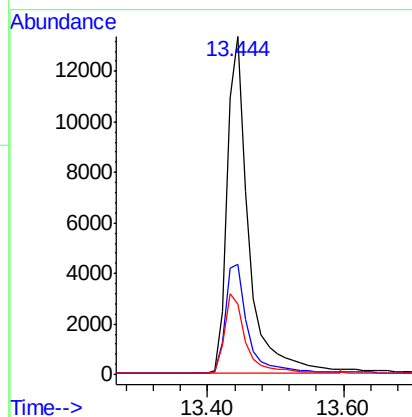
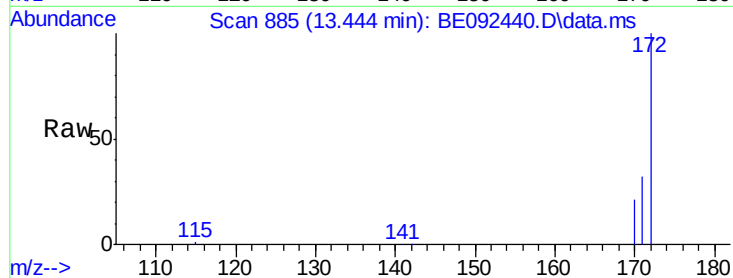




#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 13.444 min Scan# 88
Delta R.T. -0.001 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

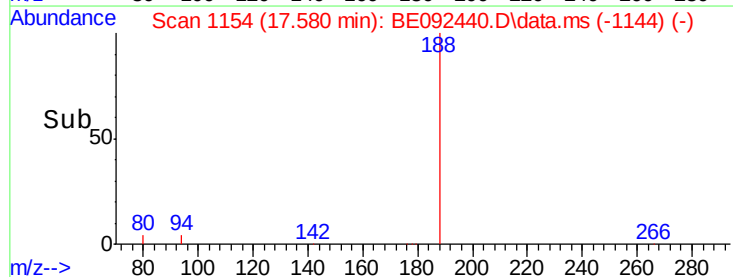
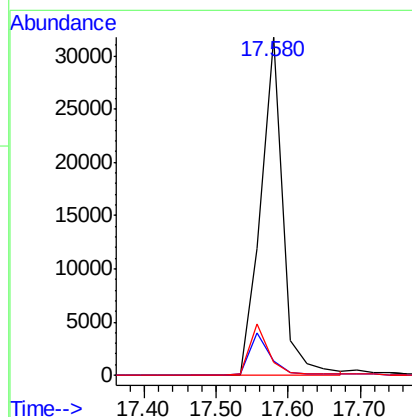
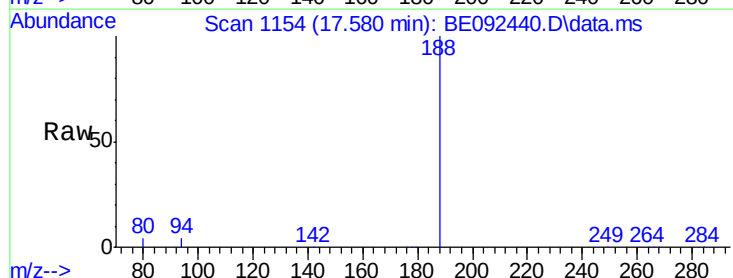
Instrument :
BNA_E
ClientSampleId :

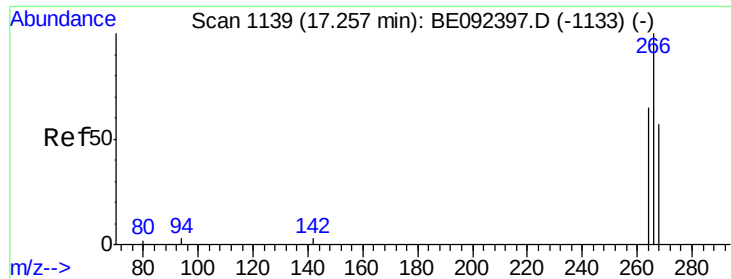
Tot Ion:172 Resp: 29859
Ion Ratio Lower Upper
172 100
171 32.4 30.1 45.1
170 20.9 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.580 min Scan# 1154
Delta R.T. 0.023 min
Lab File: BE092440.D
Acq: 30 Sep 2016 18:28

Tgt Ion:188 Resp: 67410
Ion Ratio Lower Upper
188 100
94 4.2 3.2 4.8
80 3.7 2.6 3.8





#20

Pentachlorophenol

Concen: 0.18 ng

RT: 17.234 min Scan# 11

Delta R.T. -0.023 min

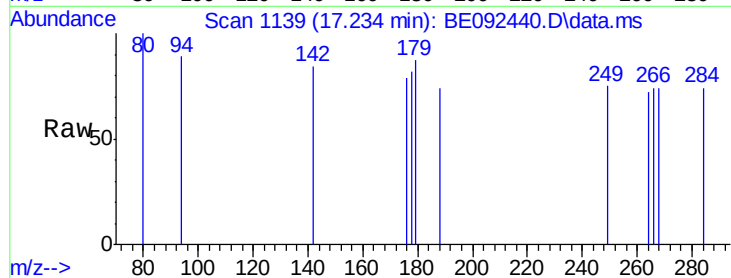
Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Instrument :

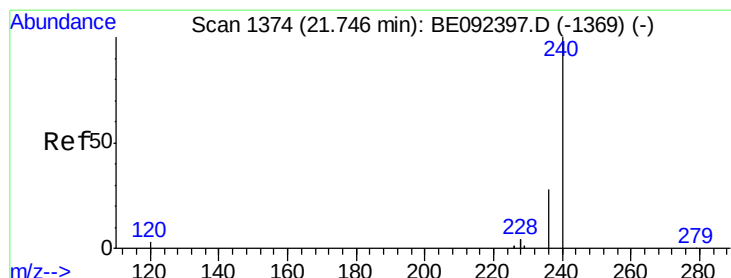
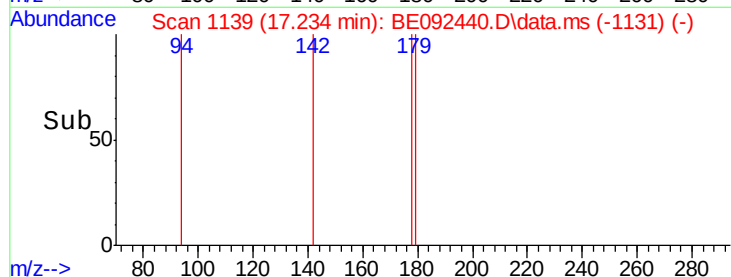
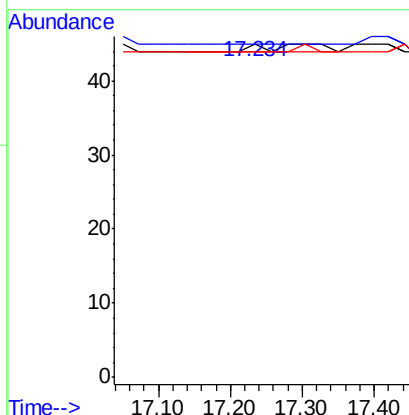
BNA_E

ClientSampleId :



Tot Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.746 min Scan# 1375

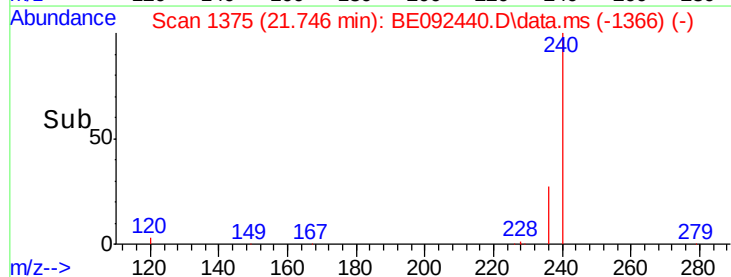
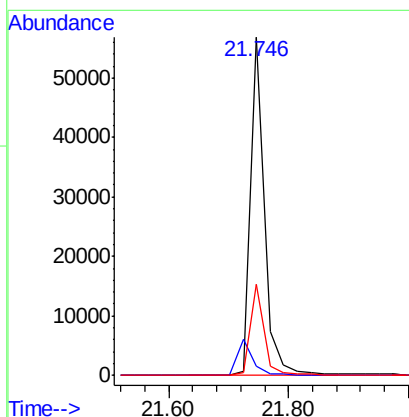
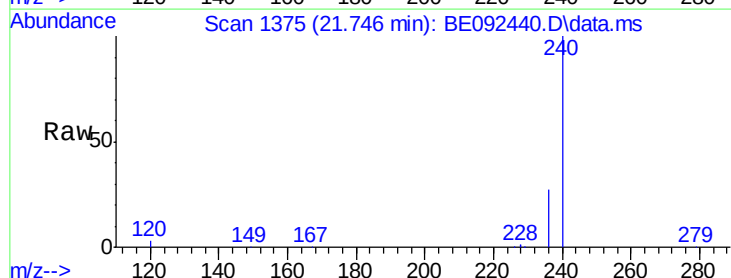
Delta R.T. 0.000 min

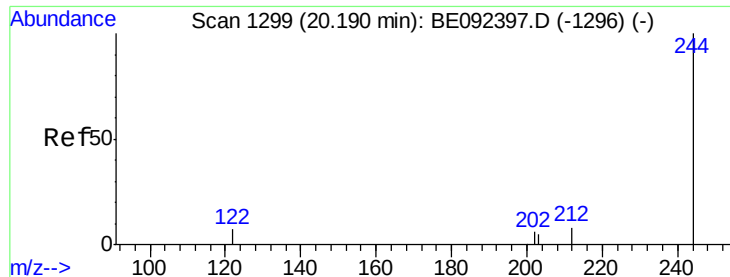
Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Tgt Ion:240 Resp: 92342

Ion	Ratio	Lower	Upper
240	100		
120	2.6	2.6	4.0#
236	27.1	24.6	37.0





#26

Terphenyl-d14

Concen: 4.42 ng

RT: 20.174 min Scan# 1299

Delta R.T. 0.001 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

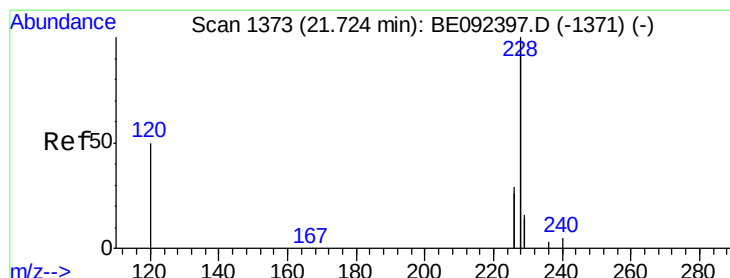
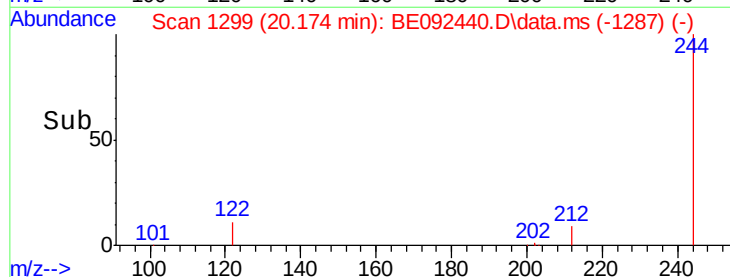
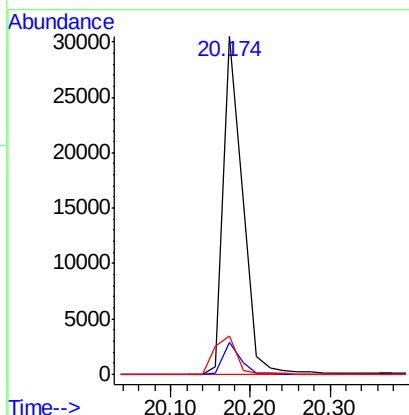
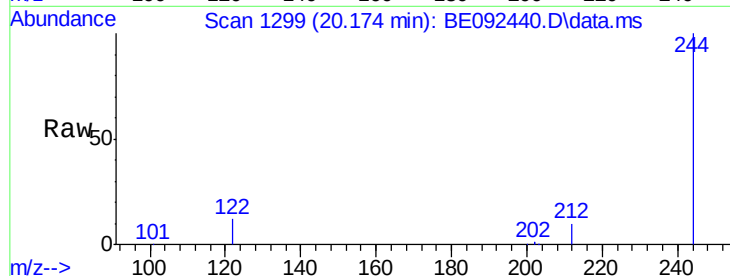
Tot Ion:244 Resp: 50581

Ion Ratio Lower Upper

244 100

212 9.5 6.7 10.1

122 11.5 3.6 5.4#



#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.724 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

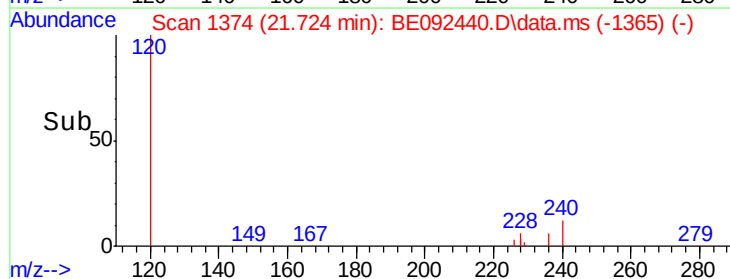
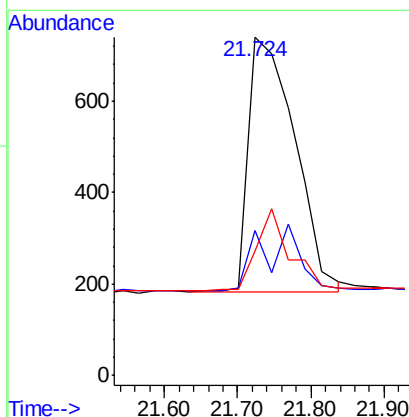
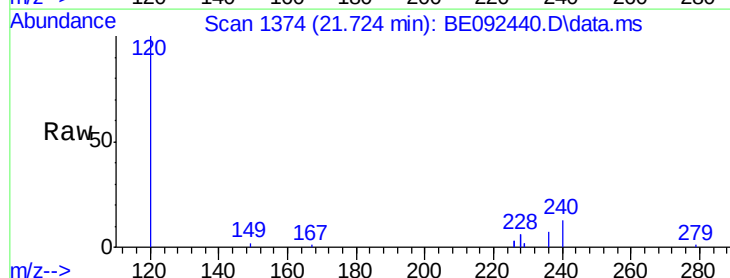
Tgt Ion:228 Resp: 2456

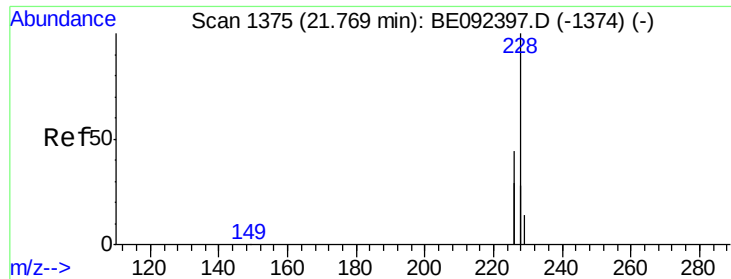
Ion Ratio Lower Upper

228 100

226 43.0 23.6 35.4#

229 36.8 13.3 19.9#





#28

Chrysene

Concen: 0.03 ng

RT: 21.724 min Scan# 1374

Delta R.T. -0.044 min

Lab File: BE092440.D

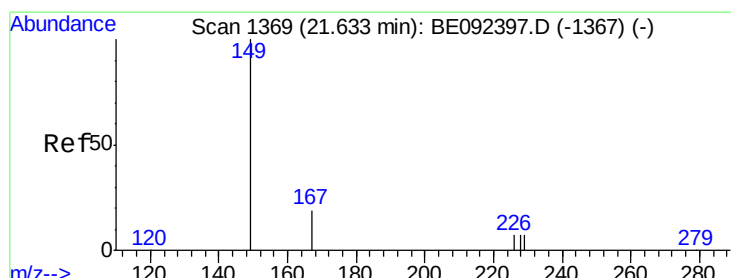
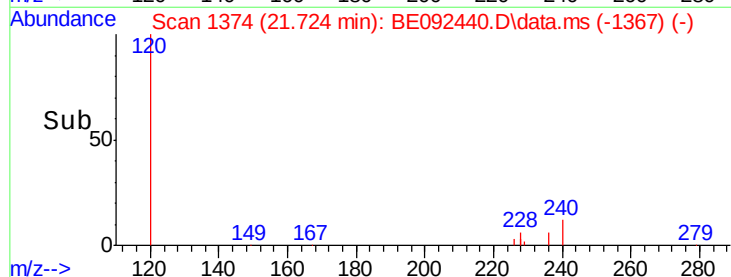
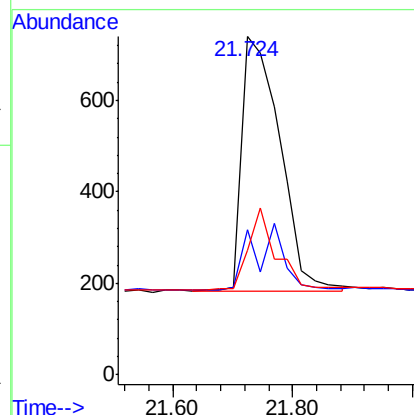
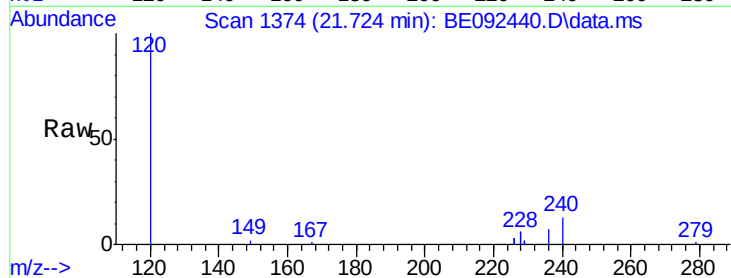
Acq: 30 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228	Resp:	2491
Ion Ratio	Lower	Upper
228	100	
226	43.0	36.3 54.5
229	36.8	10.6 16.0#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

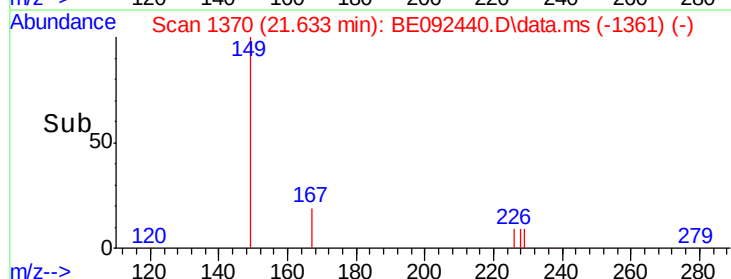
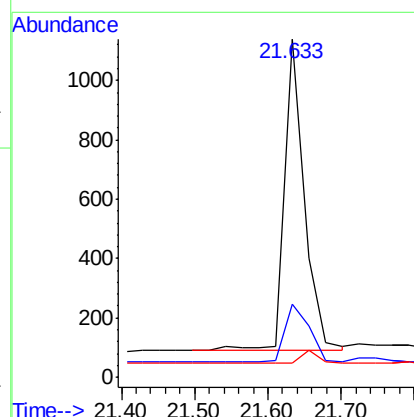
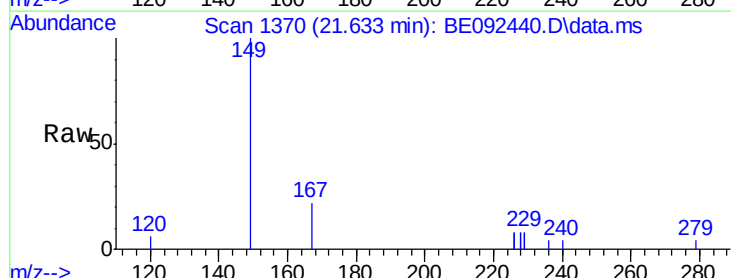
RT: 21.633 min Scan# 1370

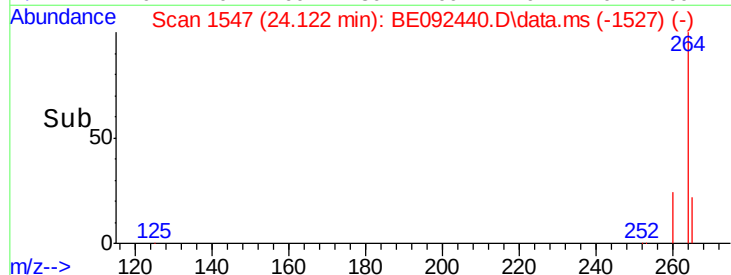
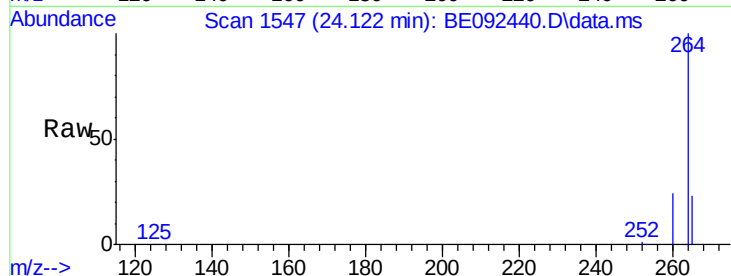
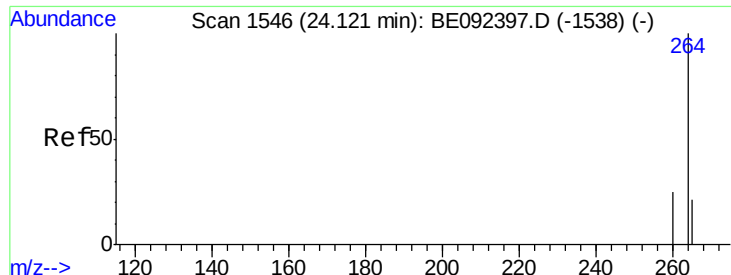
Delta R.T. 0.000 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Tgt Ion:149	Resp:	1971
Ion Ratio	Lower	Upper
149	100	
167	22.7	16.0 24.0
279	0.0	16.0 24.0#





#31

Pervlene-d12

Concen: 5.00 ng

RT: 24.122 min Scan# 15

Delta R.T. 0.035 min

Lab File: BE092440.D

Acq: 30 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 77719

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 22.7 17.9 26.9

