

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094507.D
 Acq On : 23 Oct 2017 22:14
 Operator : SJ/JU
 Sample : I5950-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170724-C-A-COMP3

Manual Integrations
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Quant Time: Oct 23 22:59:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1440	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7941	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4820	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13687	0.40	ng	0.00
27) Chrysene-d12	21.42	240	10464	0.40	ng	-0.01
34) Perylene-d12	23.93	264	9906	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	977	0.20	ng	-0.01
5) Phenol-d6	7.11	99	822	0.11	ng	-0.02
8) Nitrobenzene-d5	9.06	82	3200	0.50	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	5717	0.45	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	829m	0.62	ng	-0.03
15) 2-Fluorobiphenyl	13.13	172	7670	0.45	ng	-0.01
25) Fluoranthene-d10	19.27	212	57402	0.33	ng	-0.01
29) Terphenyl-d14	19.85	244	10883	0.55	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.72	128	258035	2.871	ng	99
12) 2-Methylnaphthalene	12.34	142	13535	0.888	ng	99
17) Acenaphthene	14.57	154	7264	0.445	ng	97
18) Fluorene	15.55	166	6719	0.321	ng	# 73
23) Phenanthrene	17.27	178	18756	0.534	ng	# 92
24) Anthracene	17.37	178	3726	0.093	ng	# 80
26) Fluoranthene	19.30	202	4464	0.023	ng	# 89
28) Pyrene	19.66	202	4160	0.114	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	4661	0.056	ng	# 97

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

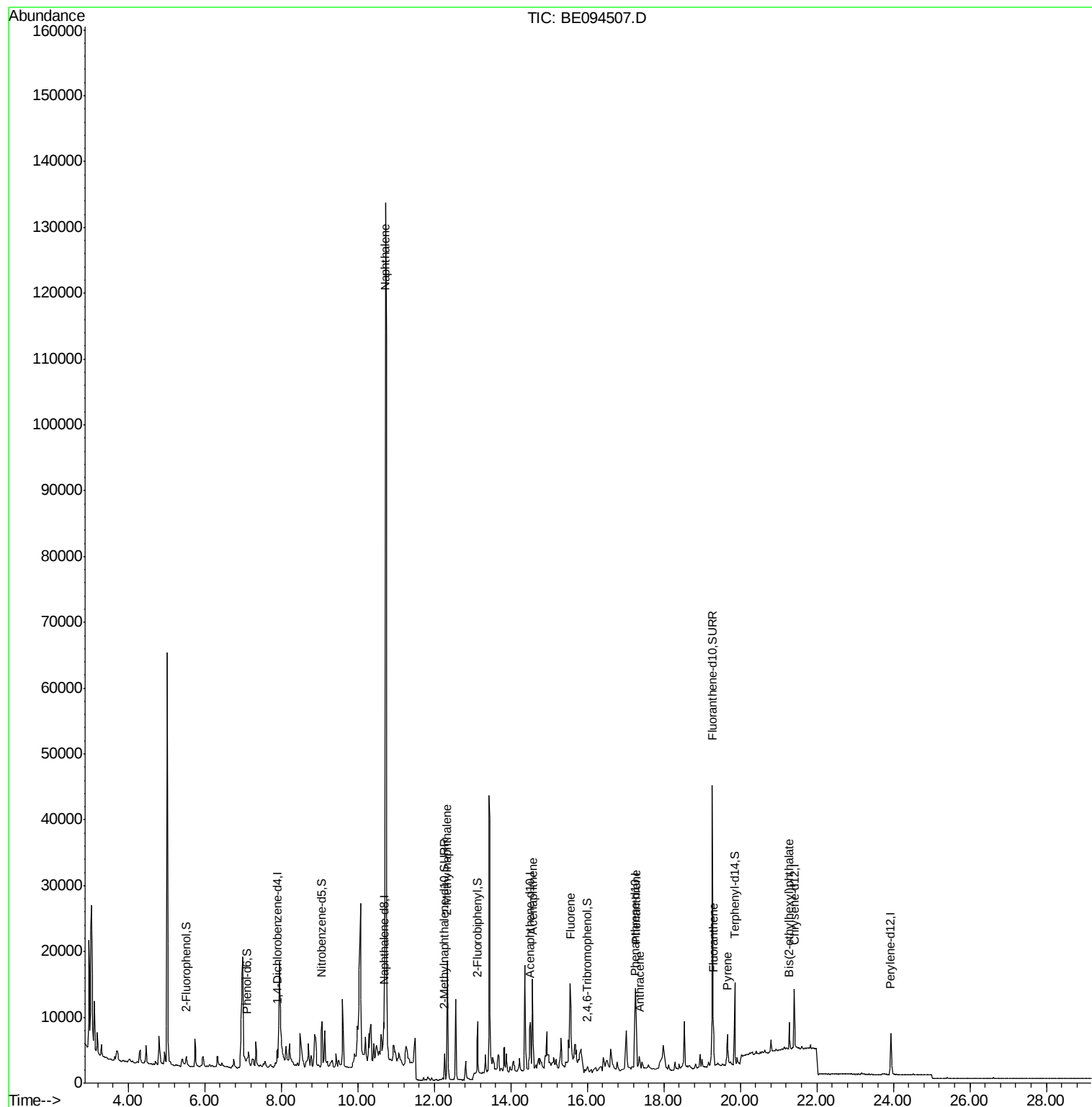
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
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ALS Vial : 14 Sample Multiplier: 1

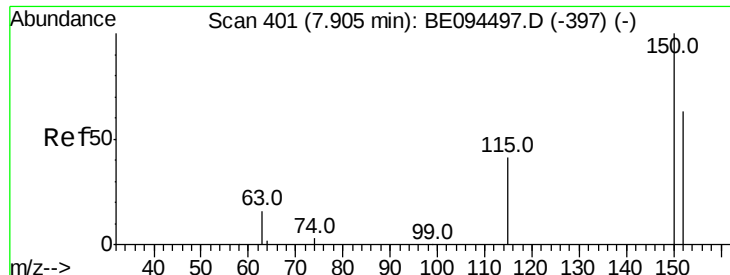
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

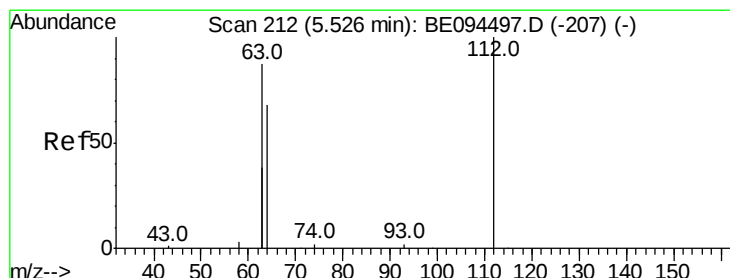
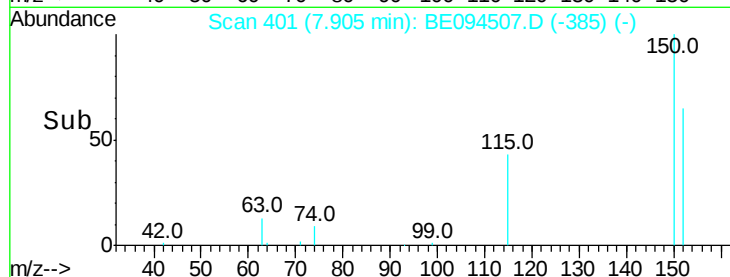
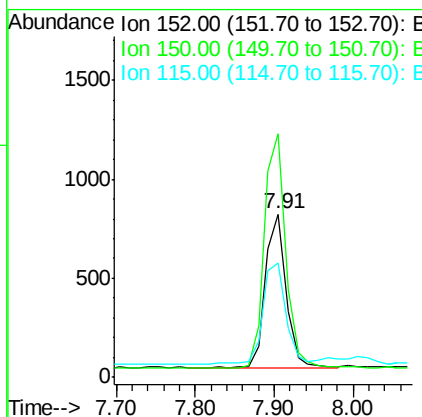
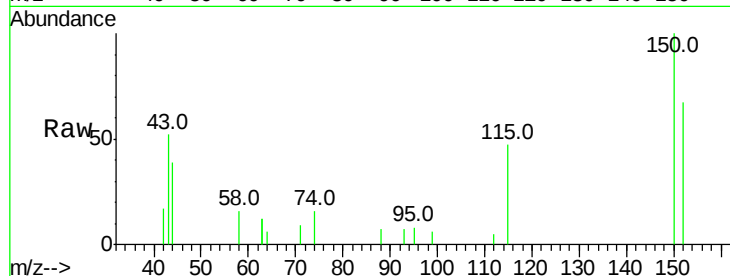
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	117.2	175.8
115	69.7	57.0	85.6

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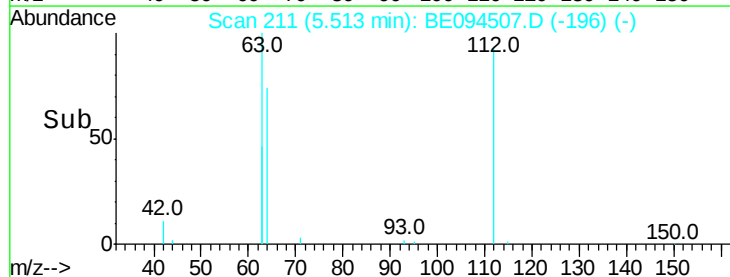
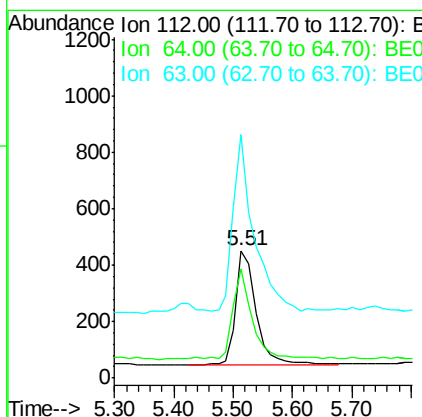
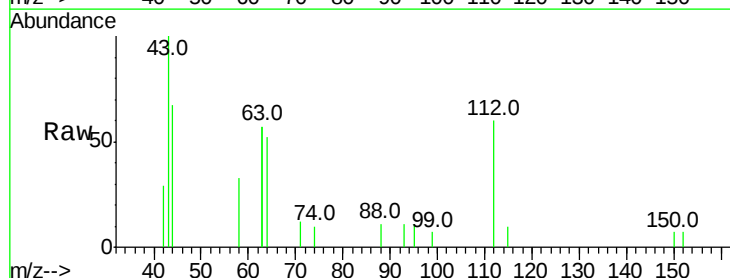
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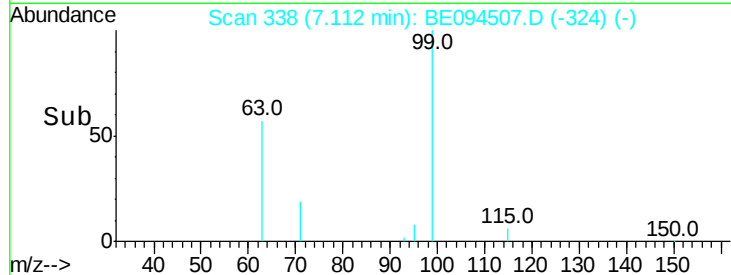
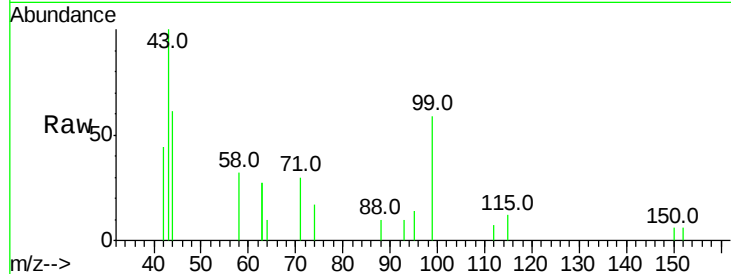
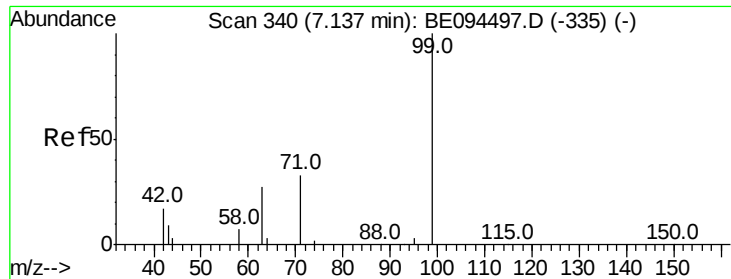


#4

2-Fluorophenol
Concen: 0.198 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	157.7	116.8	175.2





#5

Phenol-d6

Concen: 0.110 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.02 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tot Ion:	99	Resp:	822
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	90.8	28.4	42.6#

Instrument :

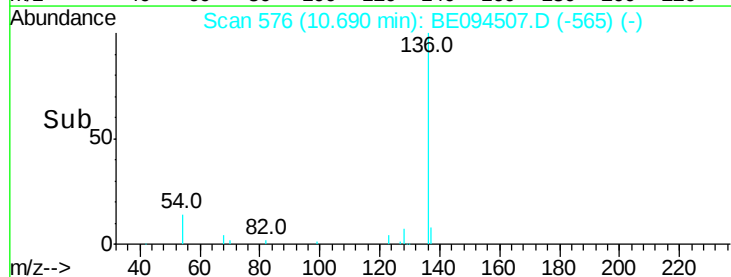
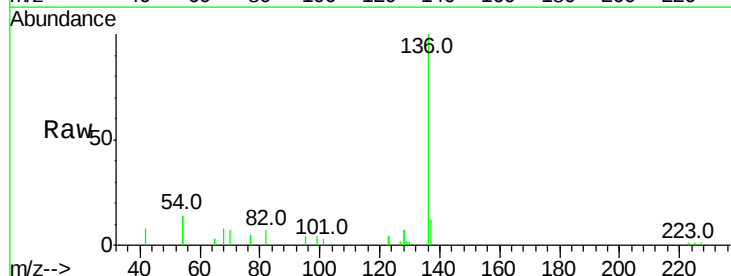
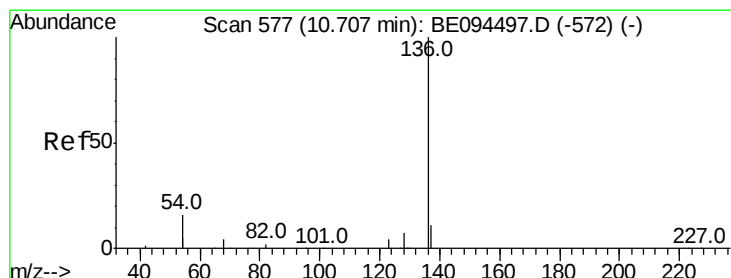
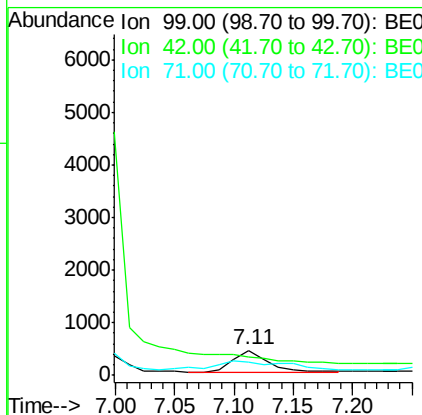
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

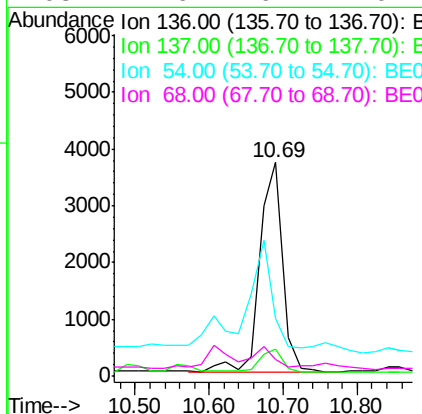
RT: 10.69 min Scan# 576

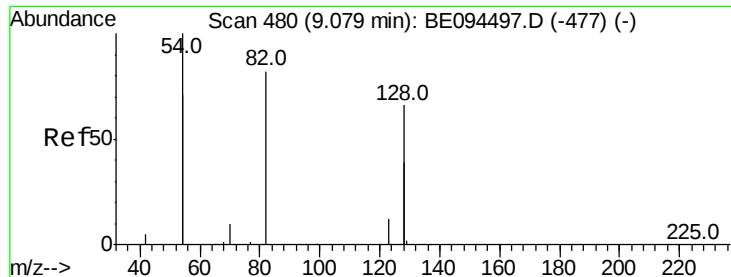
Delta R.T. -0.02 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tgt Ion:	136	Resp:	7941
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	27.1	29.1	43.7#
68	7.6	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.505 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Instrument :

BNA_E

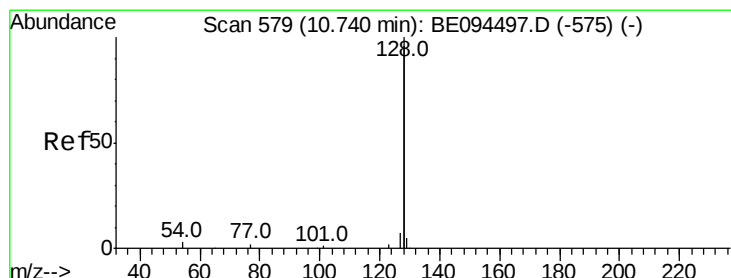
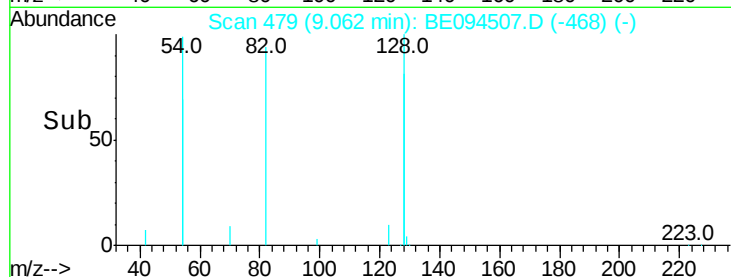
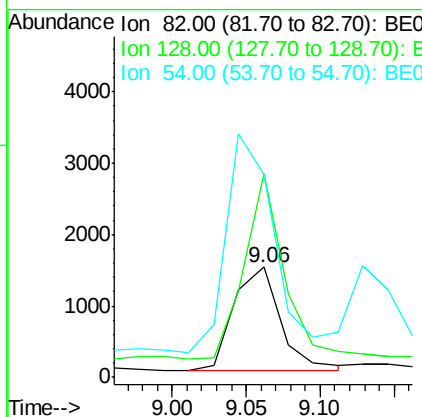
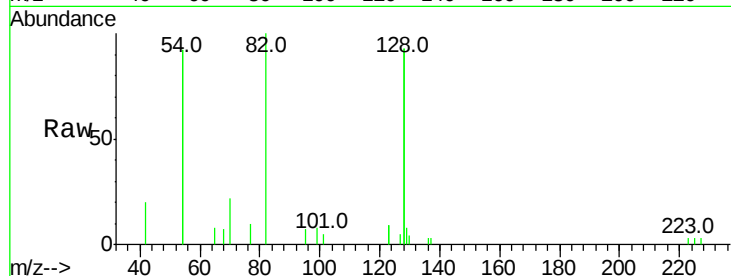
ClientSampleId :

20170724-C-A-COMP3

Tot Ion:	82	Resp:	3200
Ion	Ratio	Lower	Upper
82	100		
128	185.0	150.0	225.0
54	183.6	154.2	231.4

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#9

Naphthalene

Concen: 2.871 ng

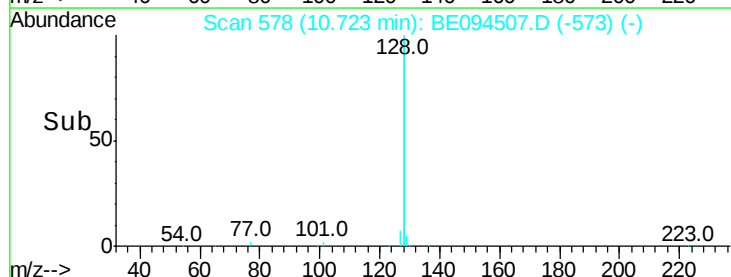
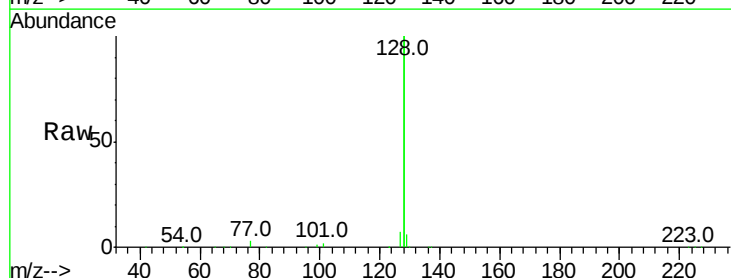
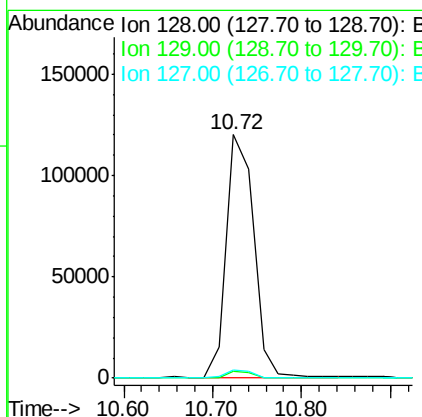
RT: 10.72 min Scan# 578

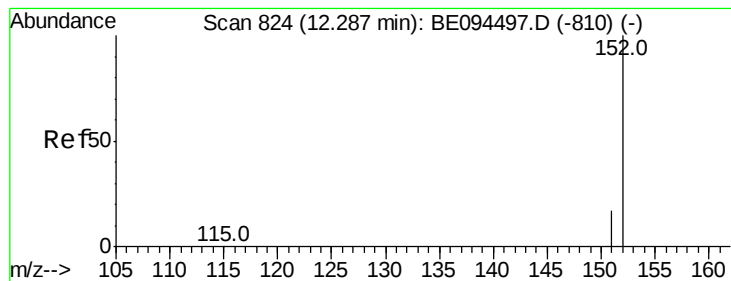
Delta R.T. -0.02 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tgt Ion:	128	Resp:	258035
Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.5	2.8	4.2





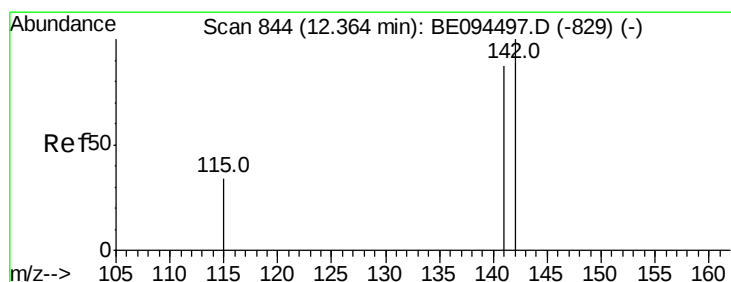
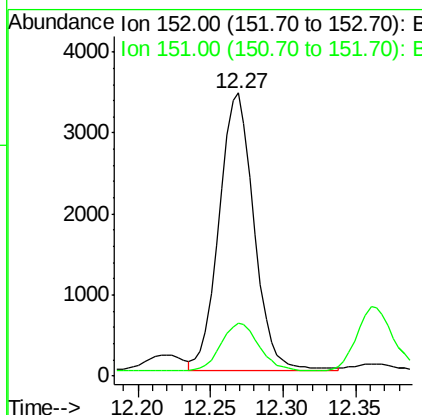
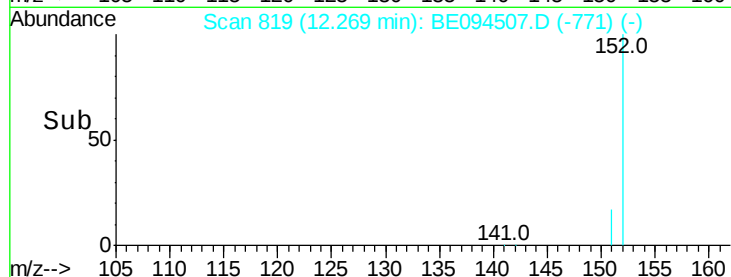
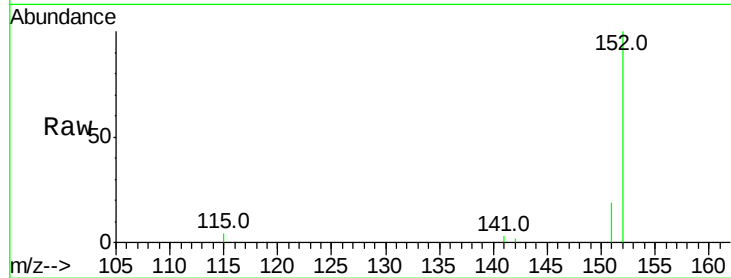
#11
 2-Methylnaphthalene-d10
 Concen: 0.449 ng
 RT: 12.27 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 20170724-C-A-COMP3

Tot Ion:152 Resp: 5717
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.0

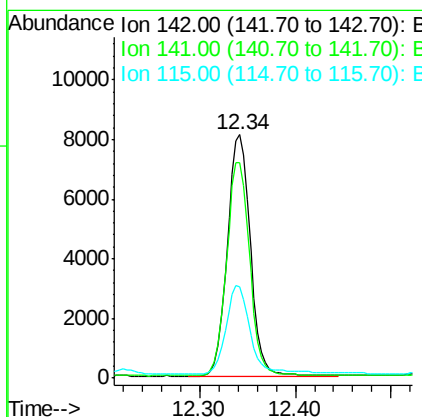
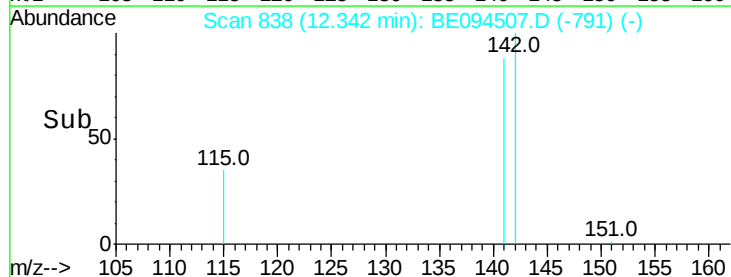
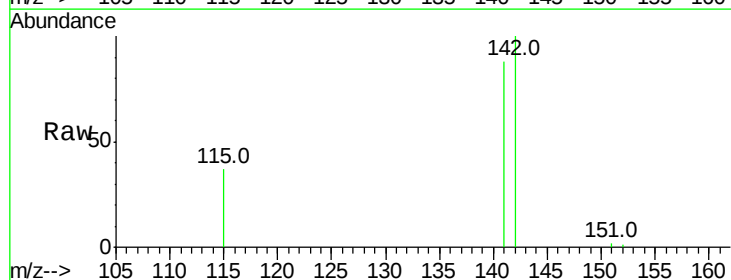
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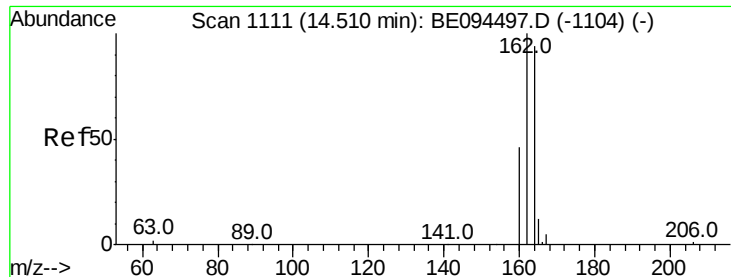
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#12
 2-Methylnaphthalene
 Concen: 0.888 ng
 RT: 12.34 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Tgt Ion:142 Resp: 13535
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.4 105.6
 115 37.3 31.7 47.5





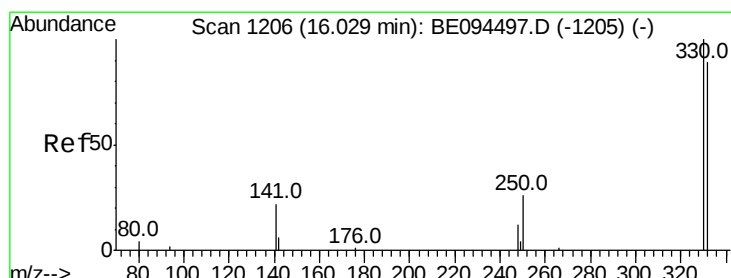
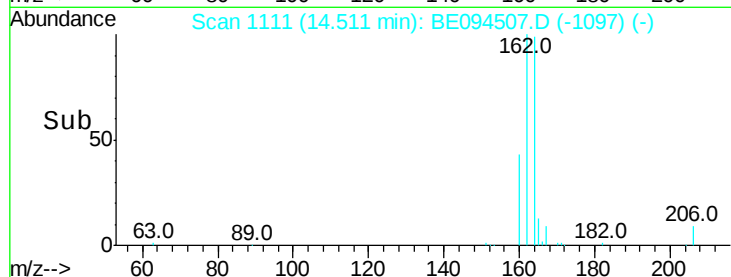
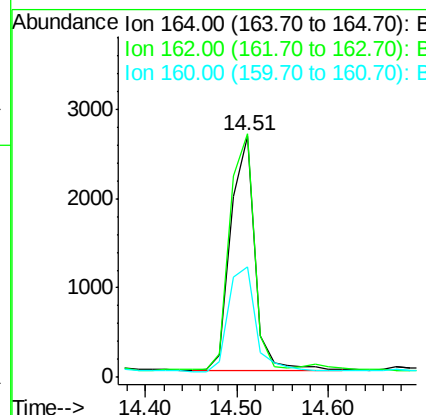
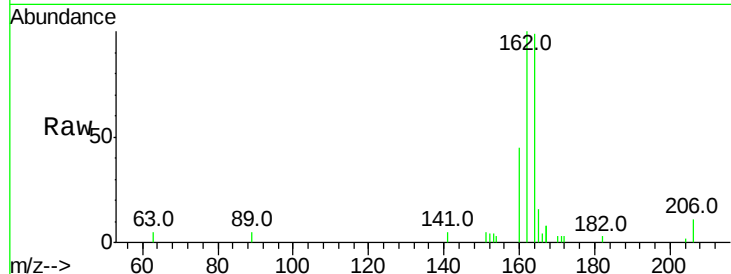
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.1	124.7
160	45.6	37.1	55.7

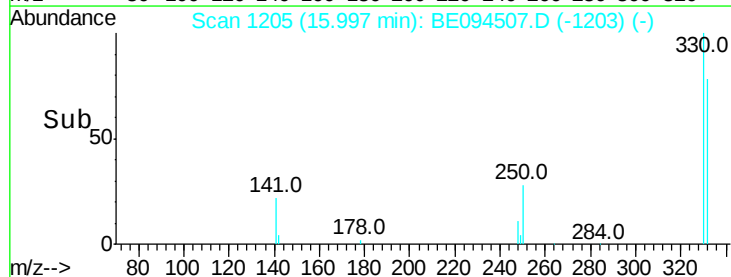
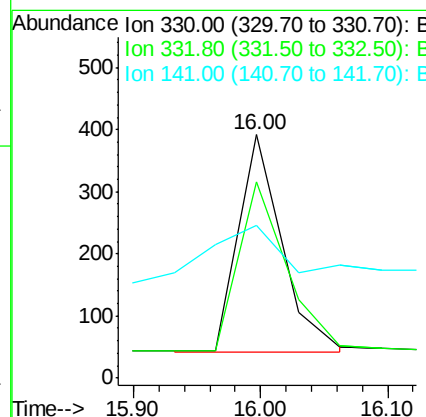
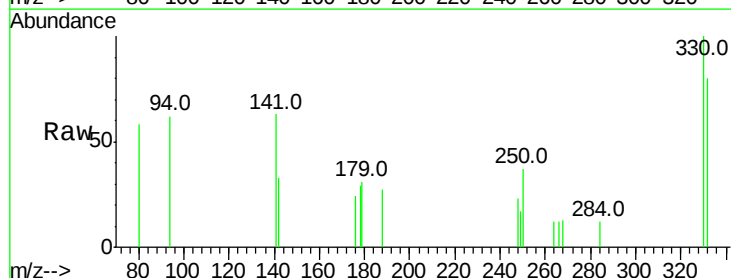
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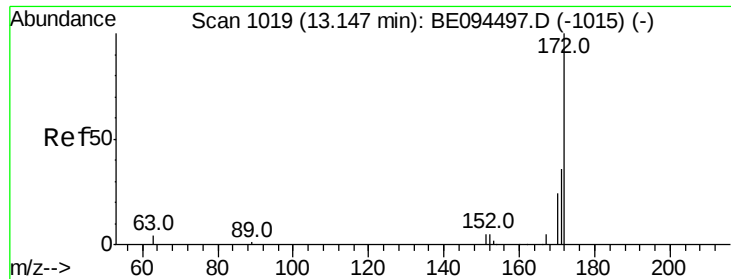
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#14
2,4,6-Tribromophenol
Concen: 0.624 ng m
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	33.7	50.5#





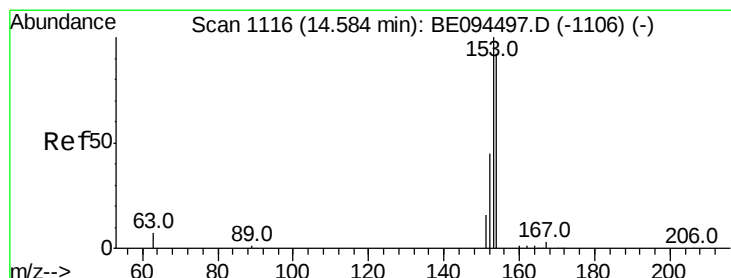
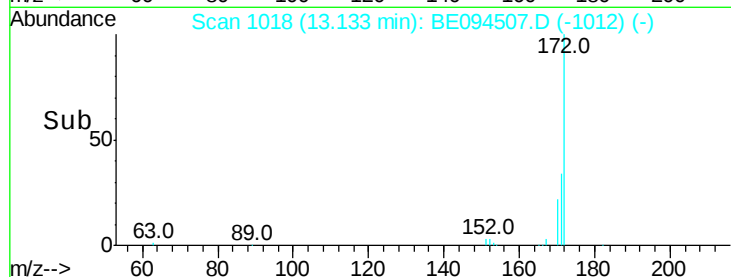
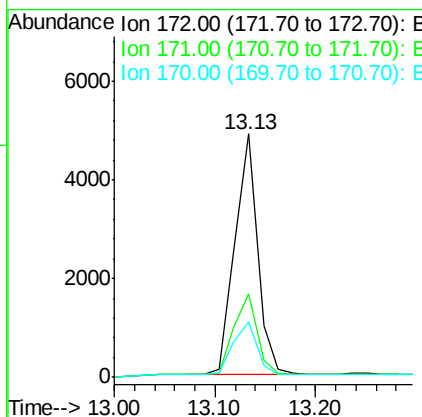
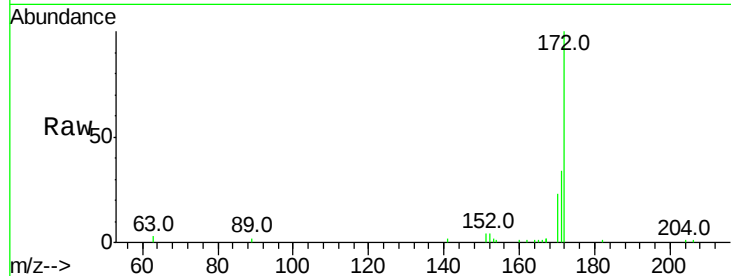
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	22.7	21.8	32.8

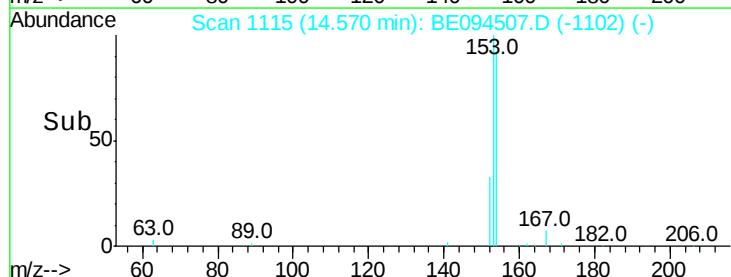
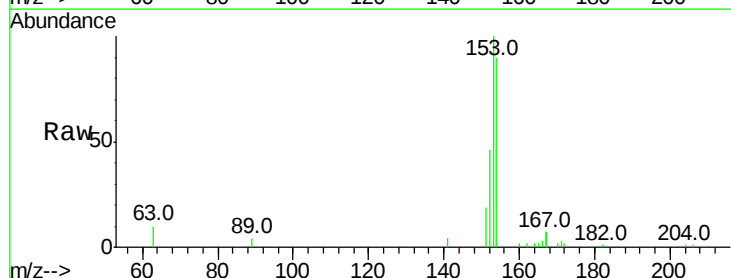
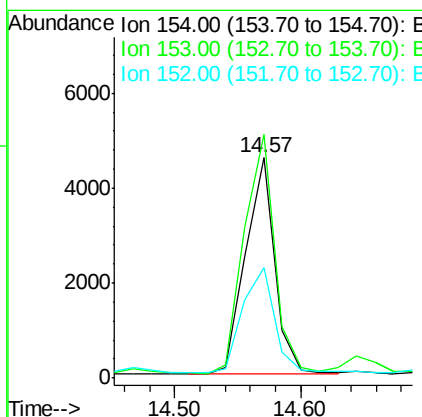
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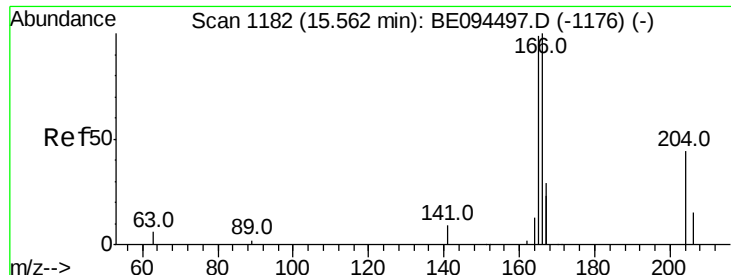
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#17
Acenaphthene
Concen: 0.445 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	55.6	42.0	63.0





#18

Fluorene

Concen: 0.321 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Instrument :

BNA_E

ClientSampleId :

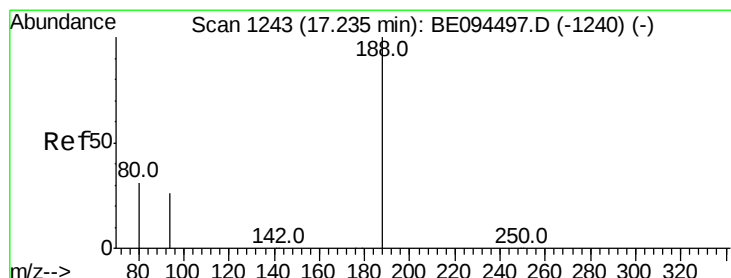
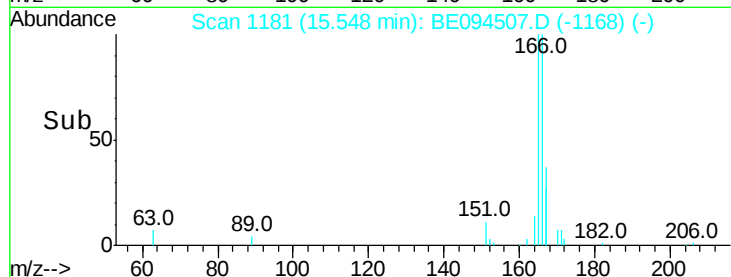
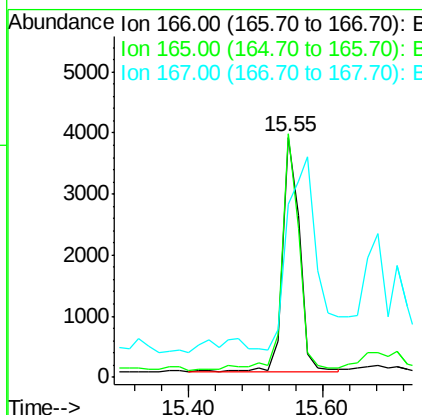
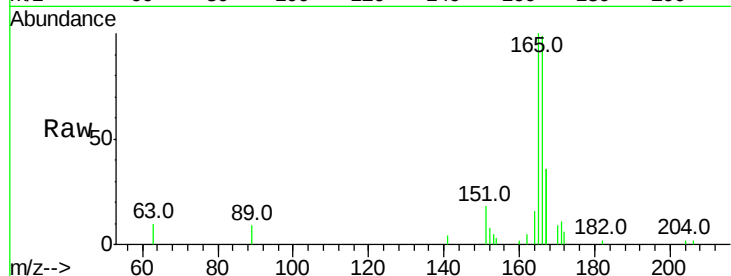
20170724-C-A-COMP3

Tot Ion:166 Resp: 6719

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.6
167	0.0	42.4	63.6#

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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

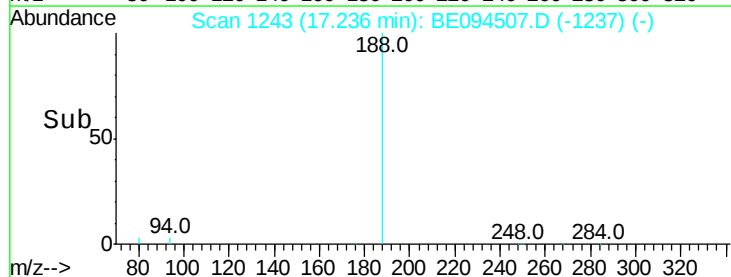
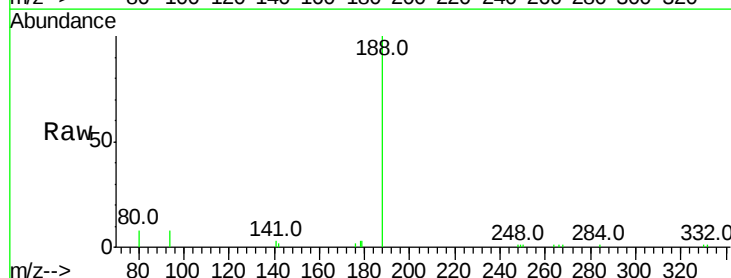
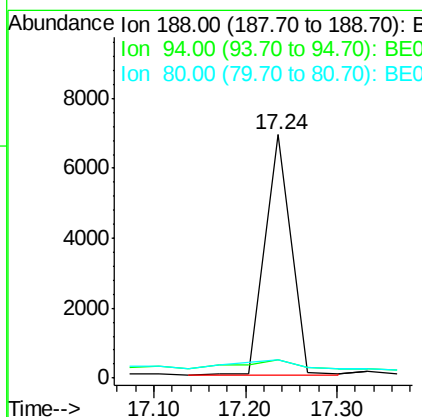
Delta R.T. 0.00 min

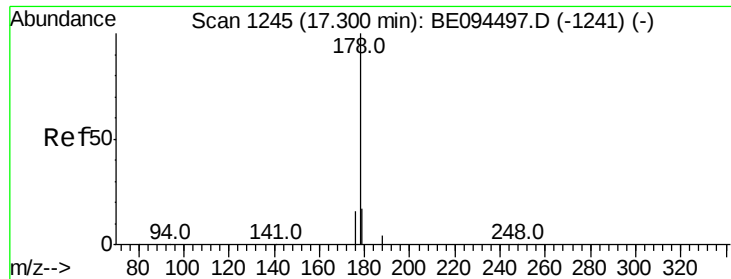
Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tgt Ion:188 Resp: 13687

Ion	Ratio	Lower	Upper
188	100		
94	7.7	3.9	5.9#
80	7.6	3.6	5.4#





#23

Phenanthrene

Concen: 0.534 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Instrument :

BNA_E

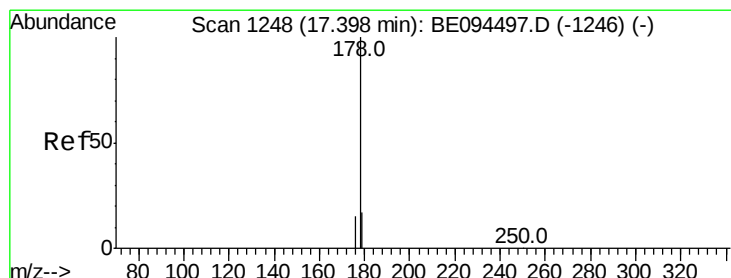
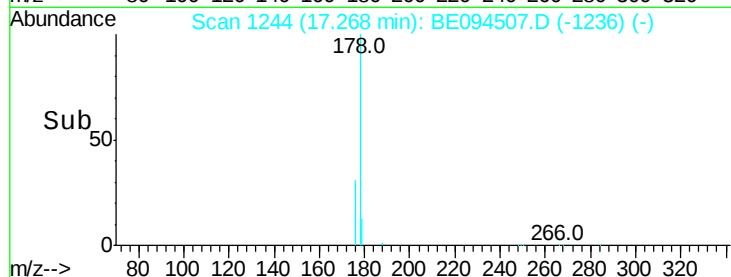
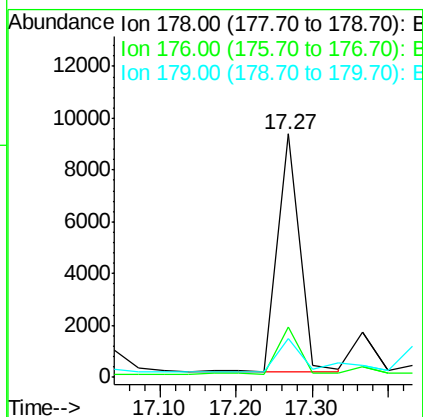
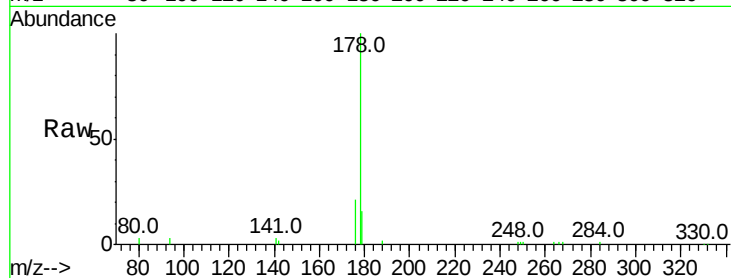
ClientSampleId :

20170724-C-A-COMP3

Tot Ion:178	Resp:	18756
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.1 22.7
179	20.9	11.8 17.6#

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#24

Anthracene

Concen: 0.093 ng

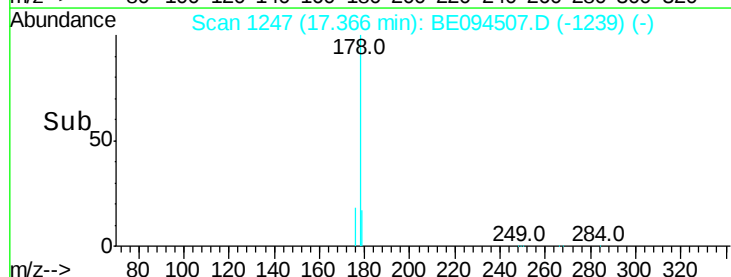
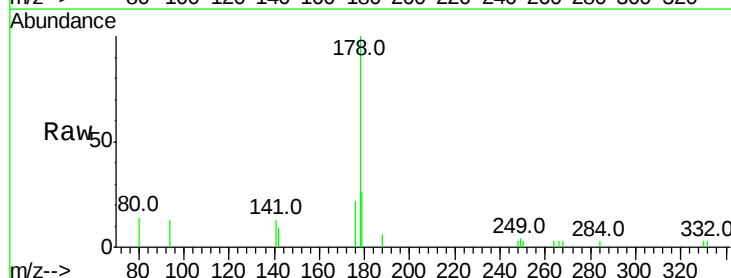
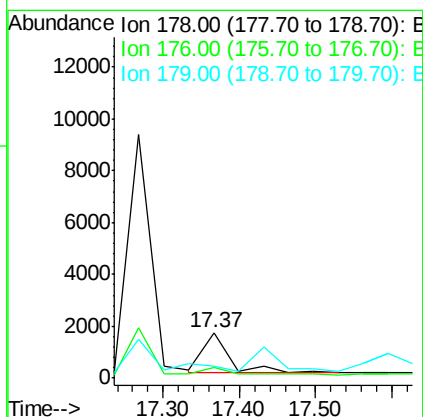
RT: 17.37 min Scan# 1247

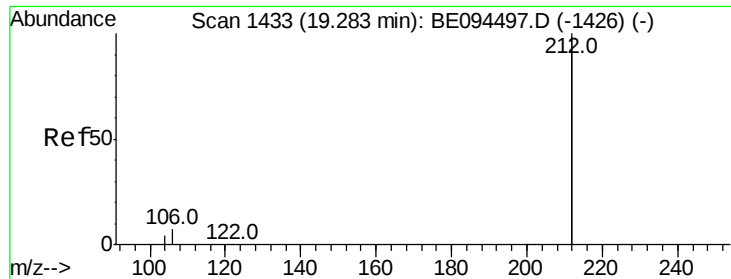
Delta R.T. -0.03 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tgt Ion:178	Resp:	3726
Ion Ratio	Lower	Upper
178	100	
176	16.5	12.8 19.2
179	0.0	13.0 19.6#





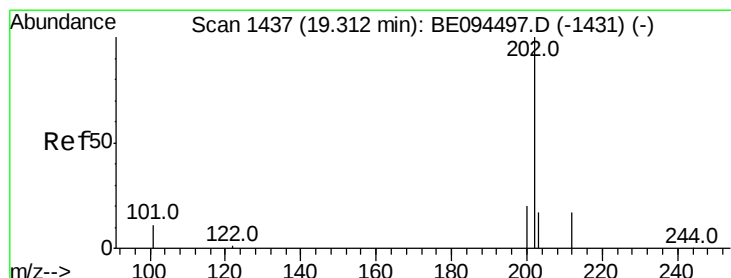
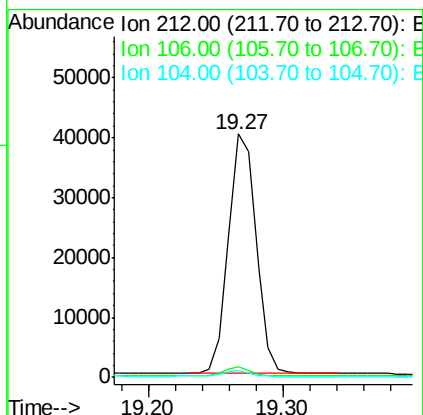
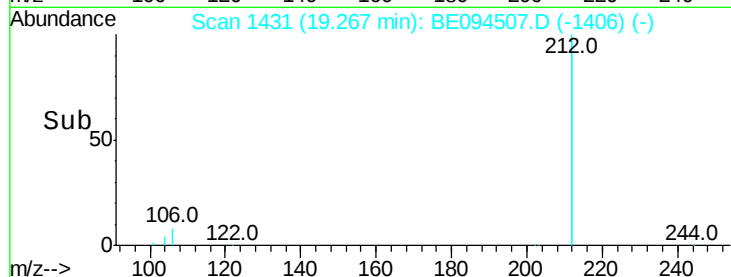
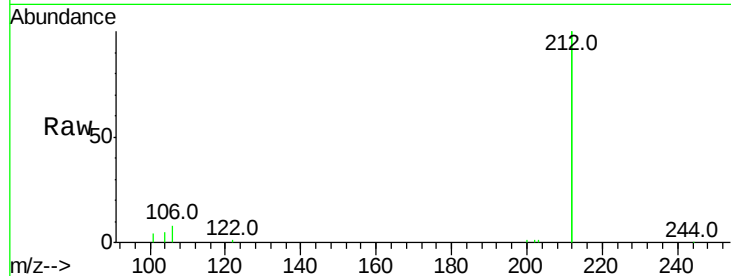
#25
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	2.5	1.6	2.4

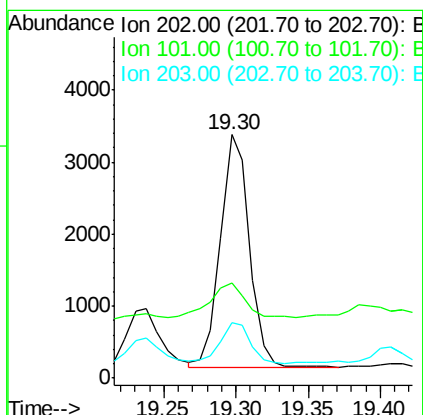
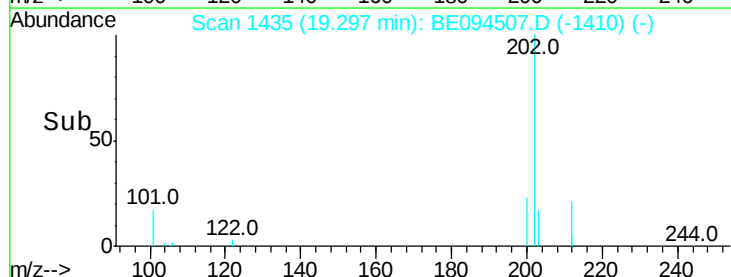
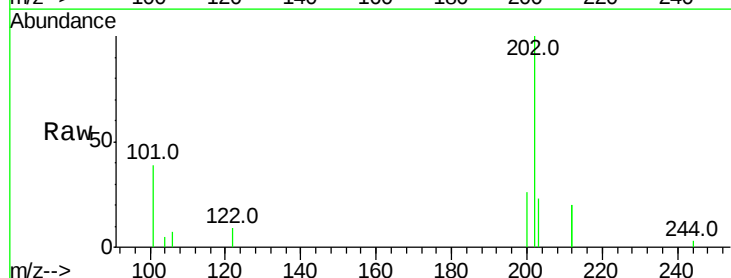
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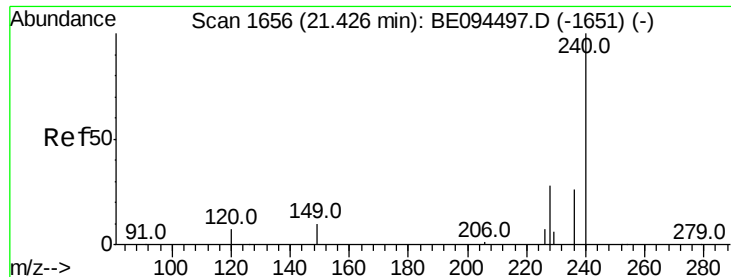
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#26
Fluoranthene
Concen: 0.023 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	20.6	9.8	14.8
203	18.8	13.7	20.5





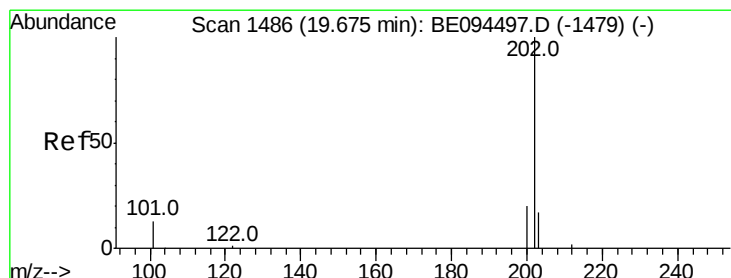
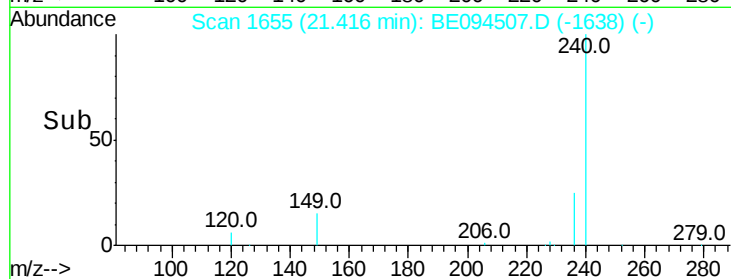
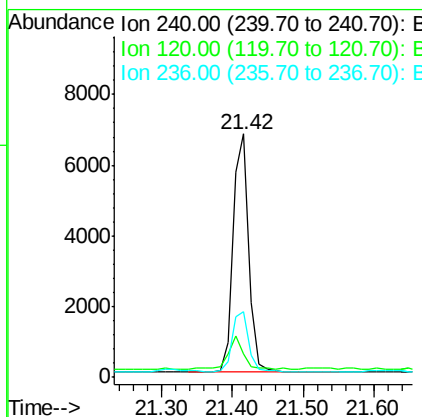
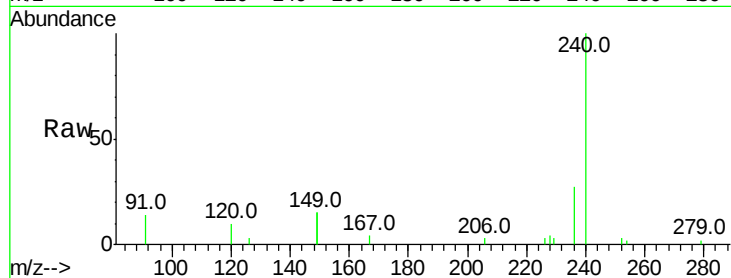
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.5	8.3#
236	26.7	20.7	31.1

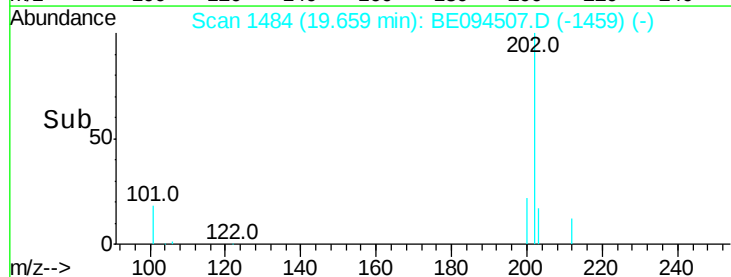
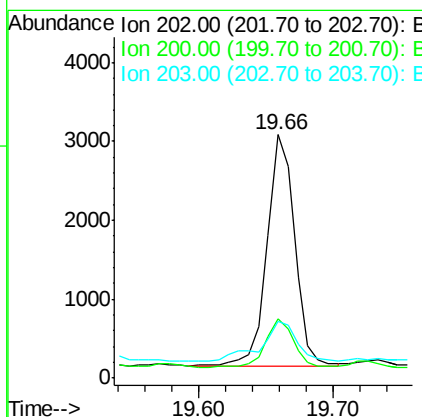
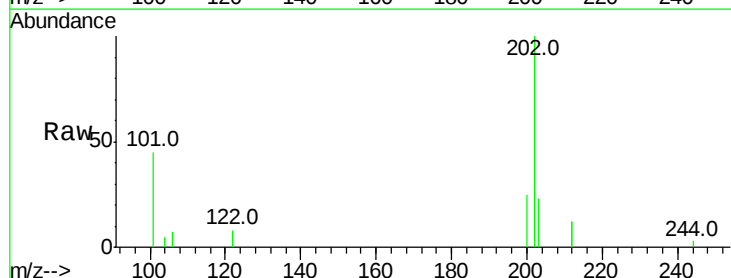
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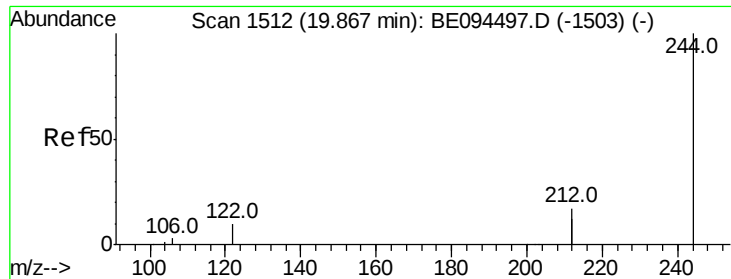
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#28
 Pyrene
 Concen: 0.114 ng
 RT: 19.66 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	22.9	13.8	20.8#





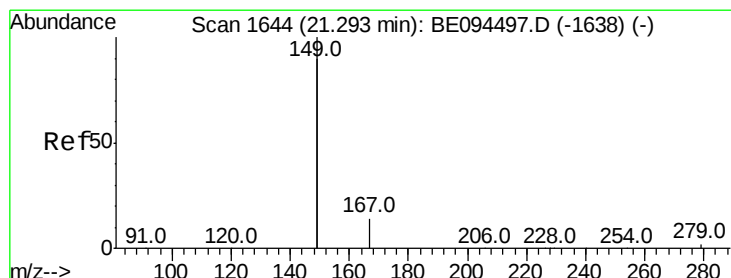
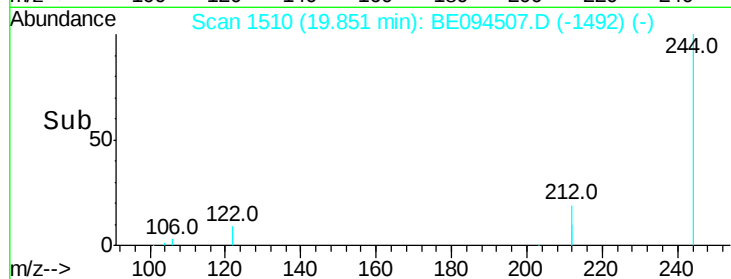
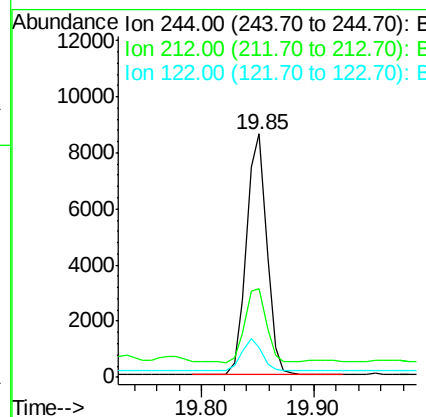
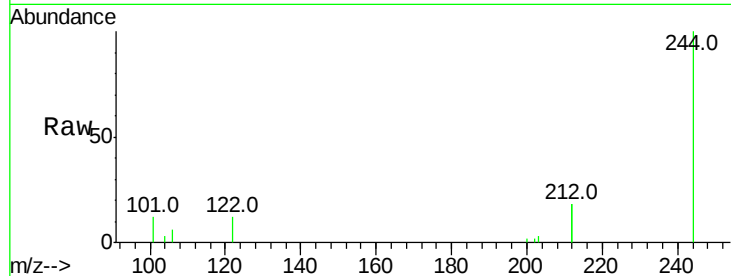
#29
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.7	25.4	38.0
122	12.0	8.1	12.1

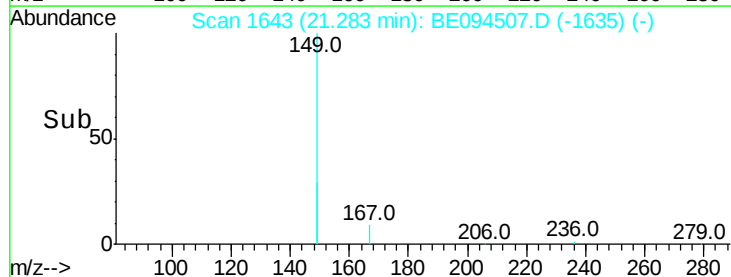
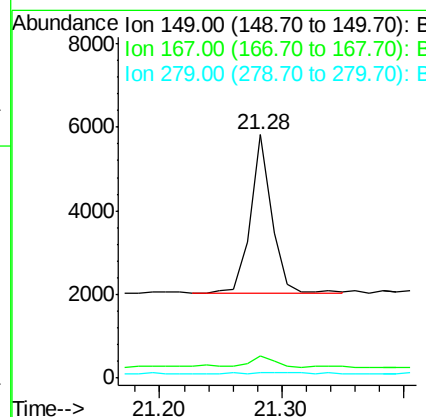
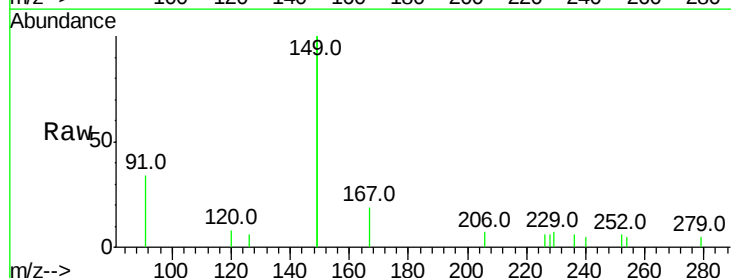
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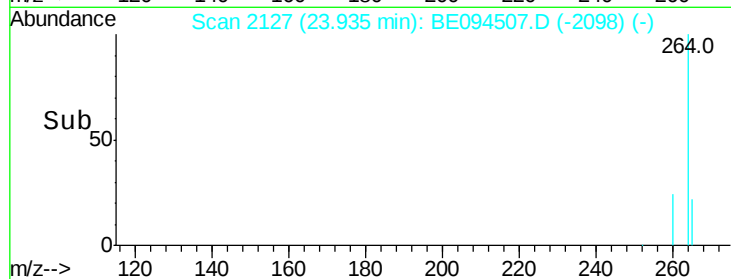
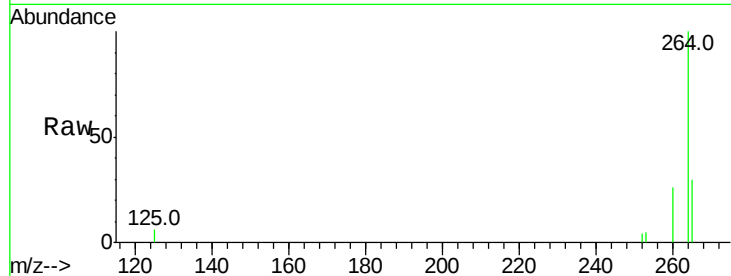
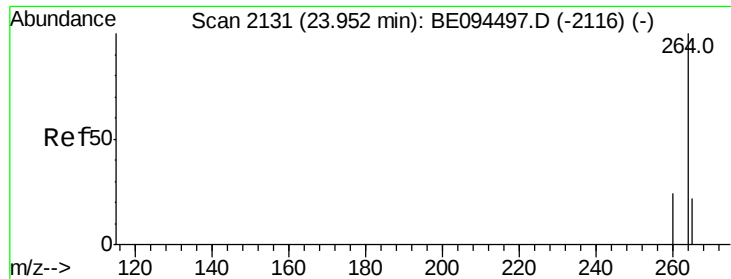
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094507.D
 Acq: 23 Oct 2017 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	1.6	0.7	1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BE094507.D

Acq: 23 Oct 2017 22:14

Tot Ion:	264	Resp:	9906
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.5	30.7
265	29.7	22.8	34.2

Instrument :

BNA_E

ClientSampleId :

20170724-C-A-COMP3

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