

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095035.D
 Acq On : 19 Dec 2017 16:47
 Operator : SJ/JU
 Sample : I6943-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ458S20171214

Manual Integrations
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Quant Time: Dec 20 01:26:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5817	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13076	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7444	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	17951	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	18193	0.40	ng	-0.03
34) Perylene-d12	24.49	264	16163	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	484	0.05	ng	-0.01
5) Phenol-d6	7.59	99	515	0.04	ng	0.00
8) Nitrobenzene-d5	9.63	82	3519	0.33	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	5982m	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	257	0.15	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	11234	0.34	ng	-0.02
25) Fluoranthene-d10	19.72	212	67506	0.29	ng	-0.03
29) Terphenyl-d14	20.28	244	16463	0.48	ng	-0.03
Target Compounds						
23) Phenanthrene	17.79	178	2958m	0.053	ng	Qvalue
32) Bis(2-ethylhexyl)phthalate	21.70	149	28605	0.422	ng	99

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

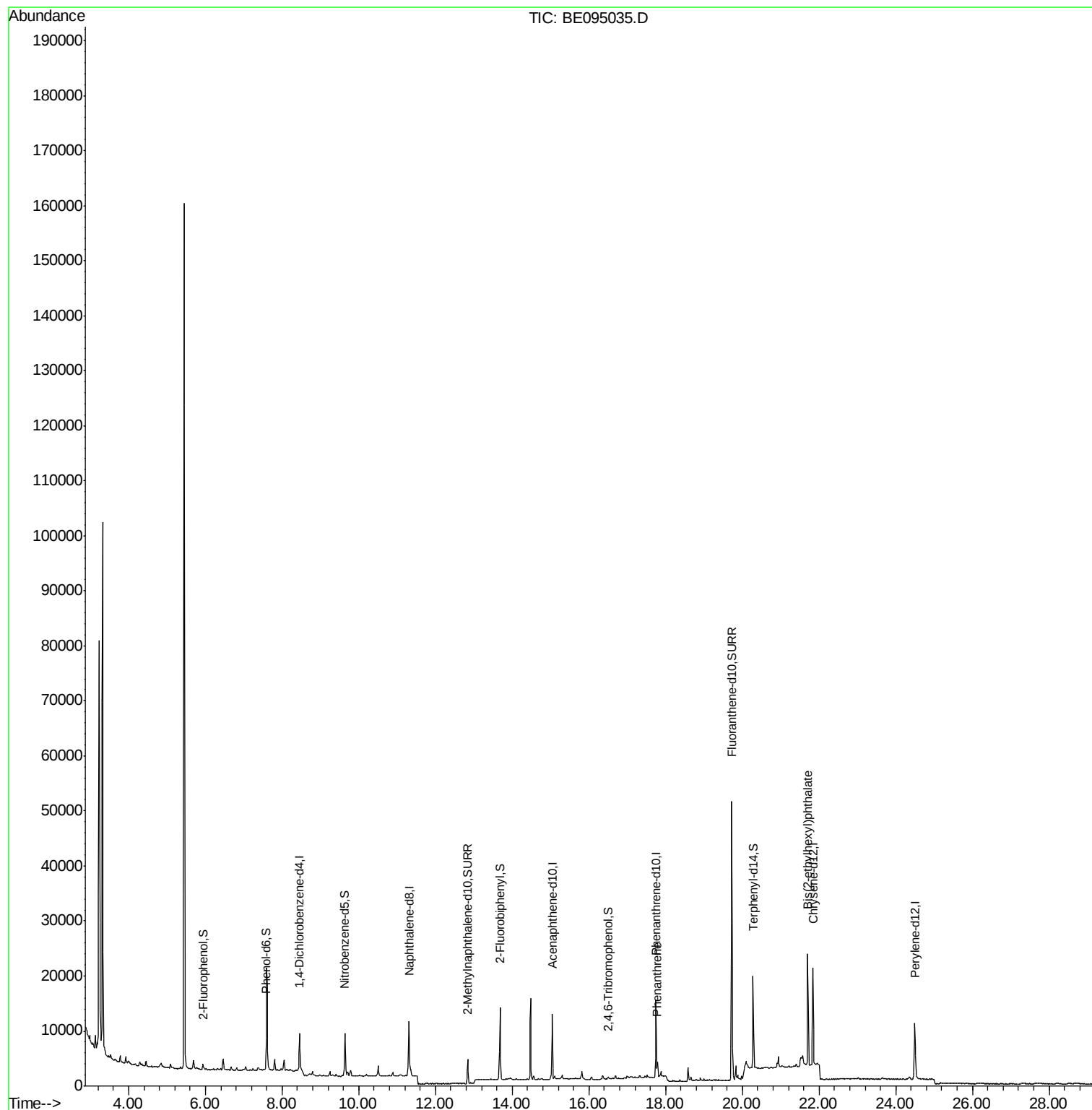
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095035.D
Acq On : 19 Dec 2017 16:47
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ALS Vial : 9 Sample Multiplier: 1

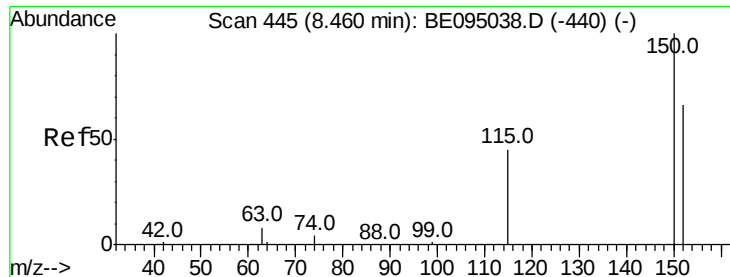
Instrument :
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FT-PZ458S20171214

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Quant Time: Dec 20 01:26:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
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#1

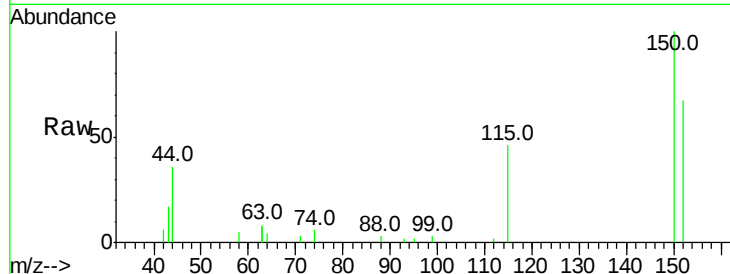
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ458S20171214

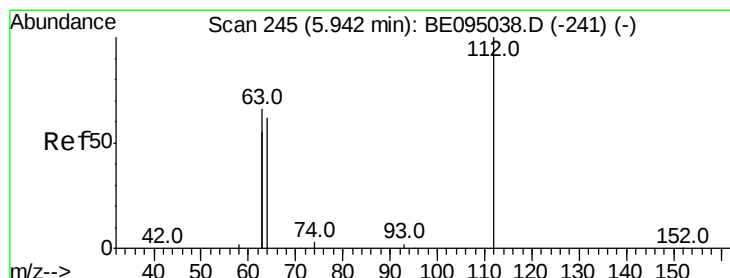
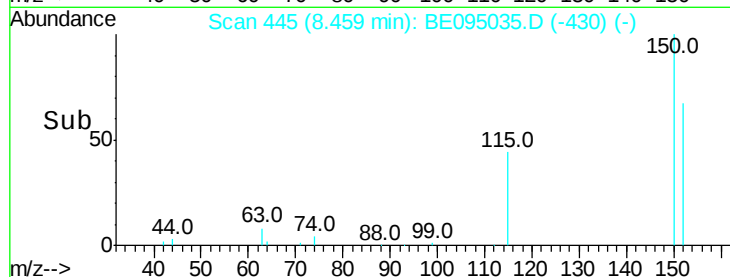
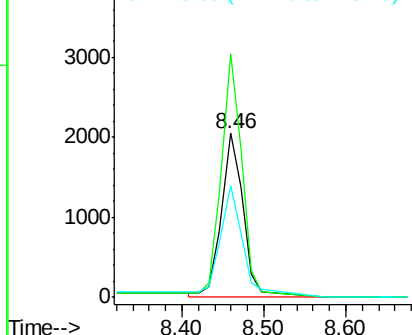
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	117.2	175.8
115	67.9	57.0	85.6

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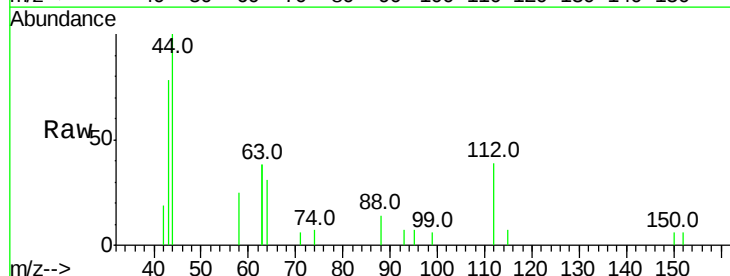
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



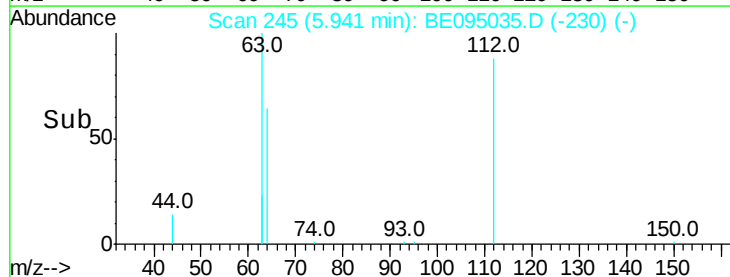
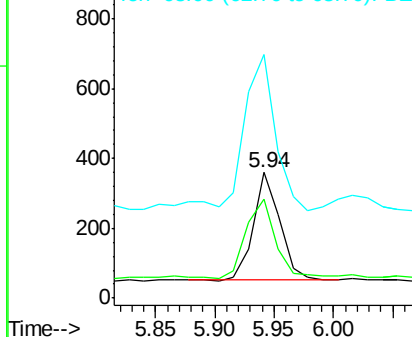
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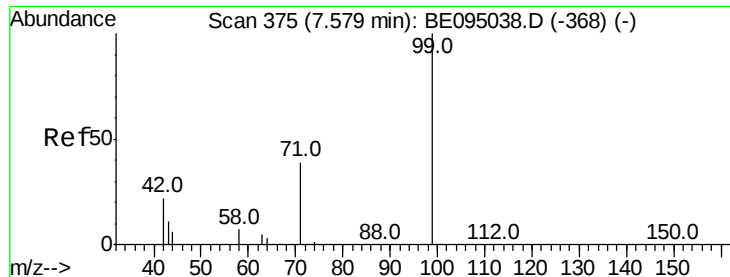
2-Fluorophenol
Concen: 0.054 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.3	60.1	90.1
63	187.8	116.8	175.2



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: 0.038 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

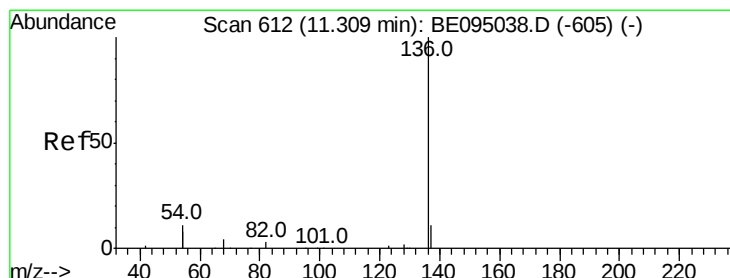
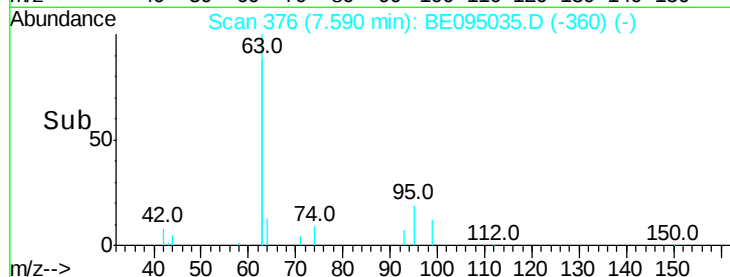
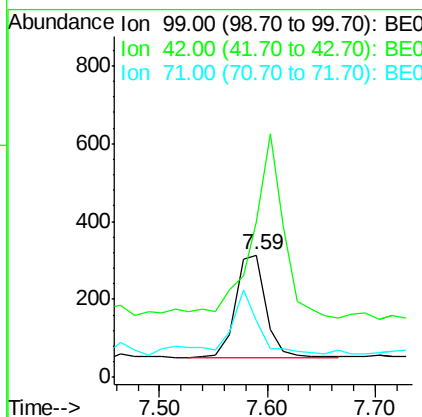
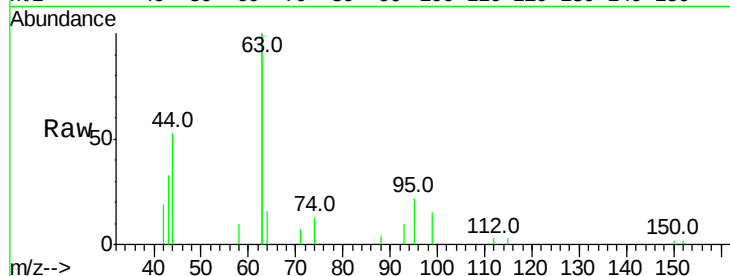
ClientSampleId :

FT-PZ458S20171214

Tot Ion:	99	Resp:	515
Ion	Ratio	Lower	Upper
99	100		
42	185.0	20.2	30.2#
71	0.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

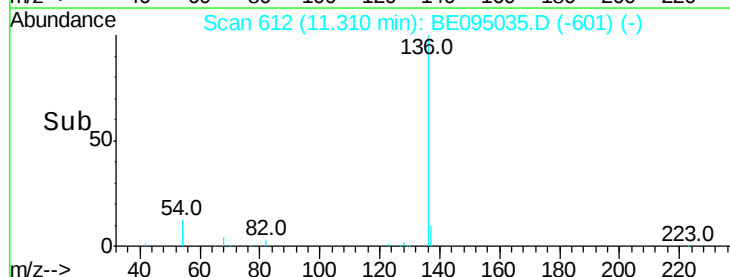
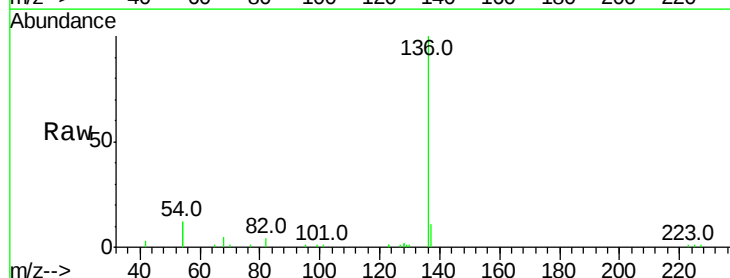
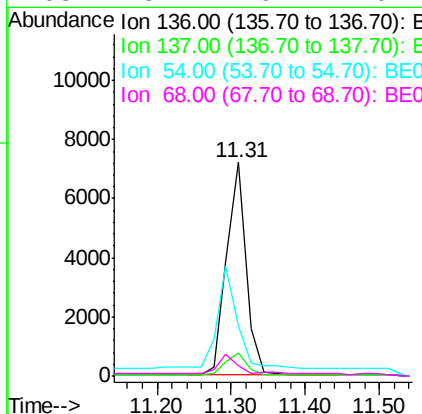
RT: 11.31 min Scan# 612

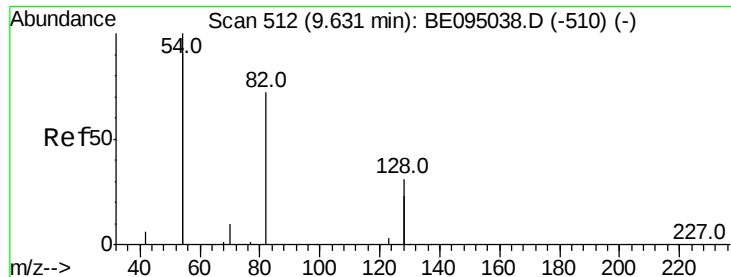
Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Tgt Ion:	136	Resp:	13076
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	23.4	29.1	43.7#
68	5.1	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

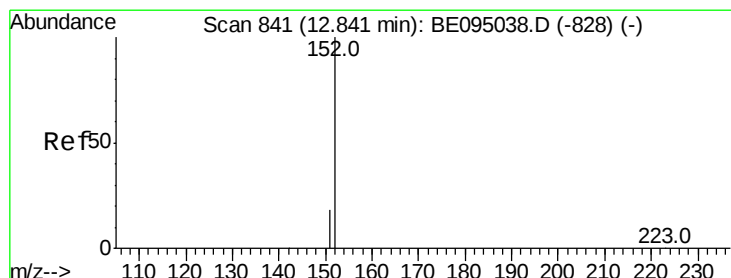
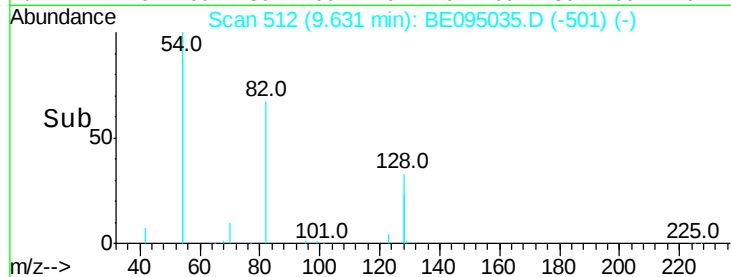
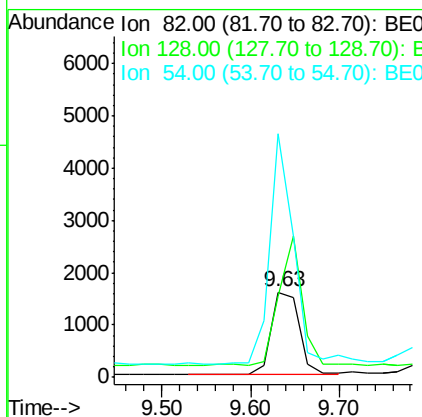
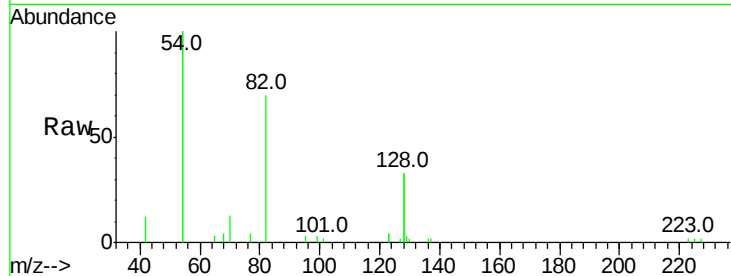
ClientSampleId :

FT-PZ458S20171214

Tot Ion:	82	Resp:	3519
Ion Ratio	Lower	Upper	
82	100		
128	94.7	150.0	225.0#
54	285.2	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.279 ng m

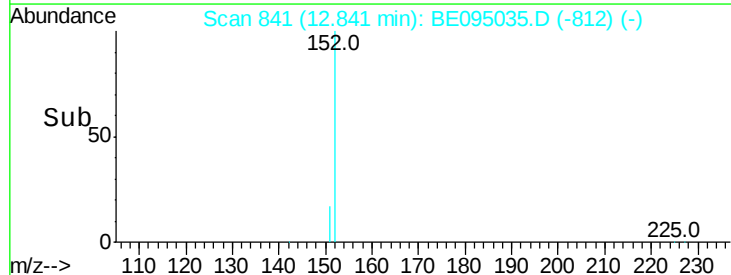
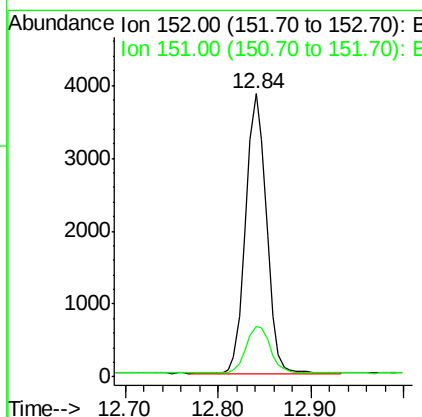
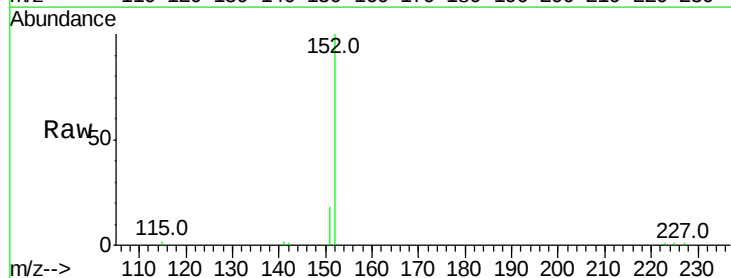
RT: 12.84 min Scan# 841

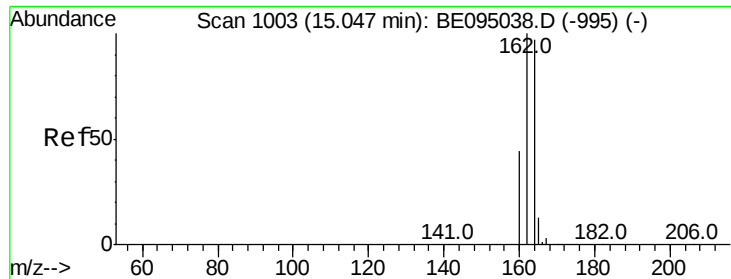
Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Tgt Ion:	152	Resp:	5982
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

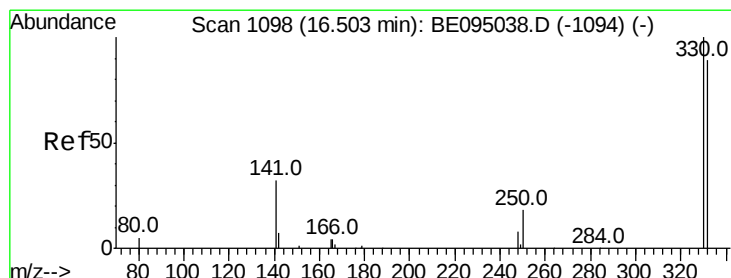
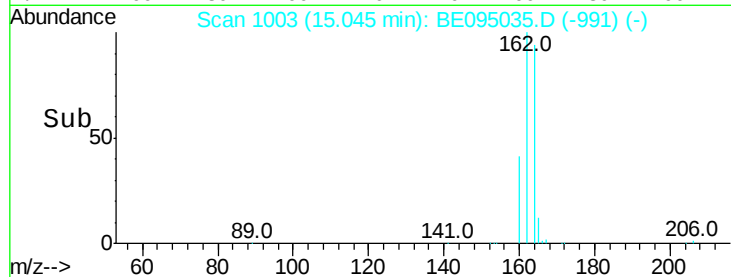
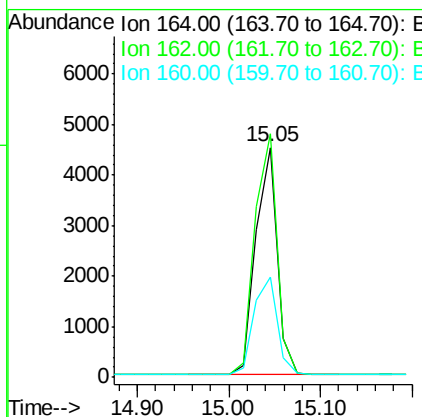
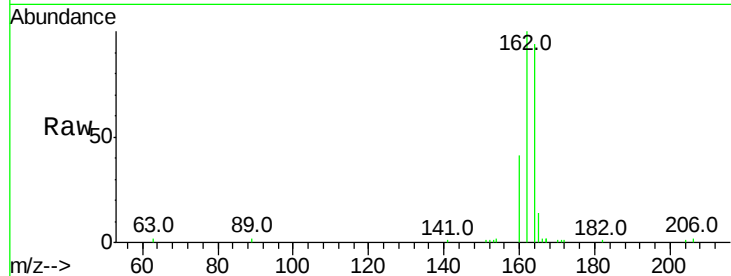
ClientSampleId :

FT-PZ458S20171214

Tot Ion:	164	Resp:	7444
Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.1	124.7
160	43.7	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.149 ng

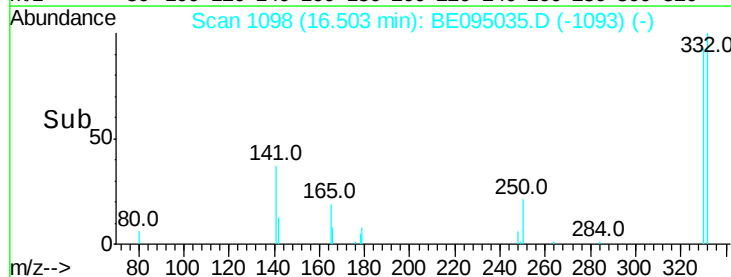
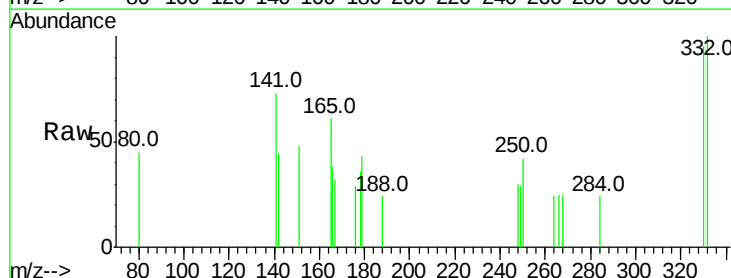
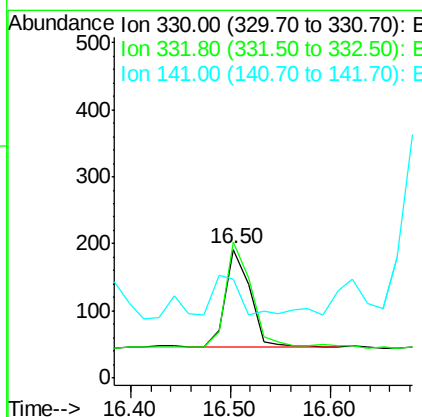
RT: 16.50 min Scan# 1098

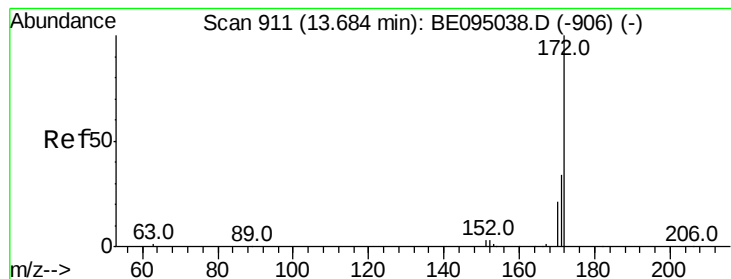
Delta R.T. -0.03 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Tgt Ion:	330	Resp:	257
Ion	Ratio	Lower	Upper
330	100		
332	105.8	152.7	229.1#
141	42.4	33.7	50.5





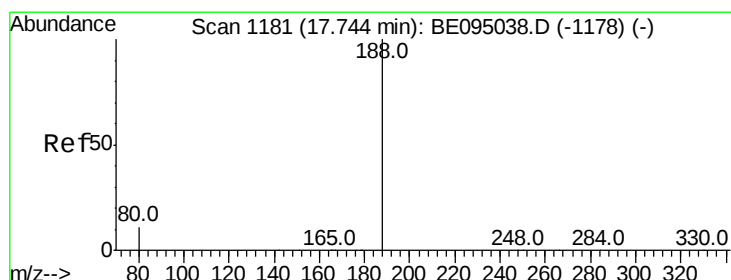
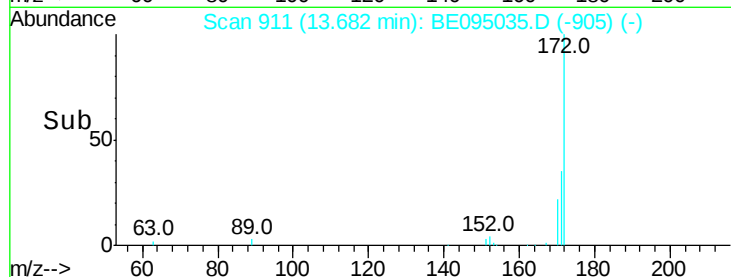
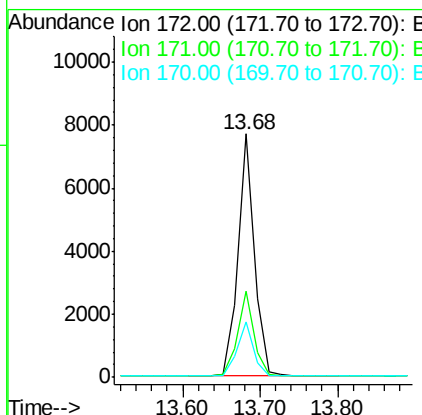
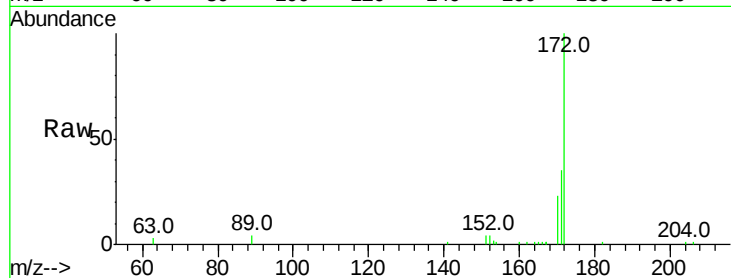
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ458S20171214

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	22.6	21.8	32.8

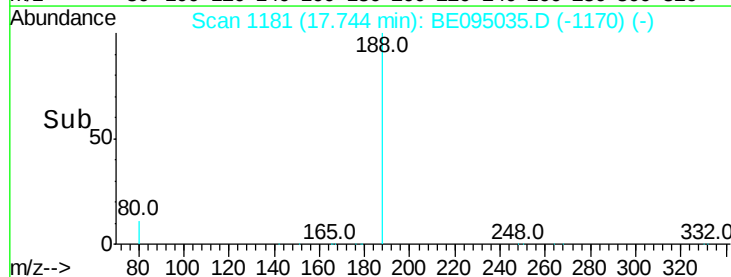
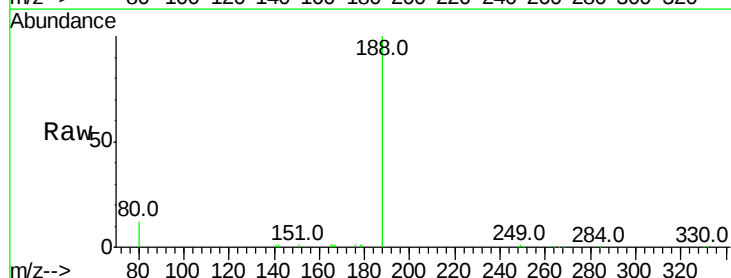
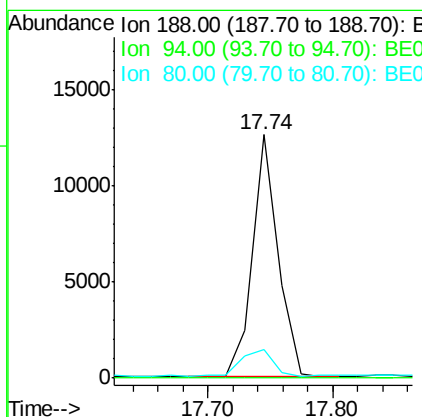
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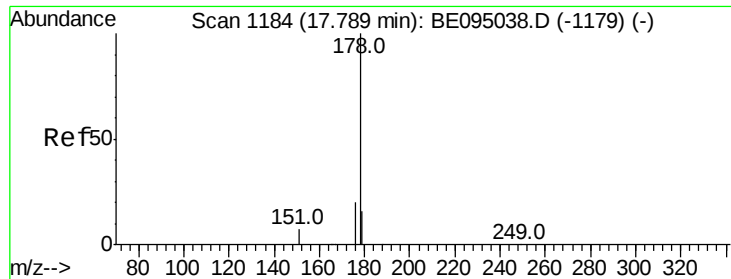
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.7	3.6	5.4#





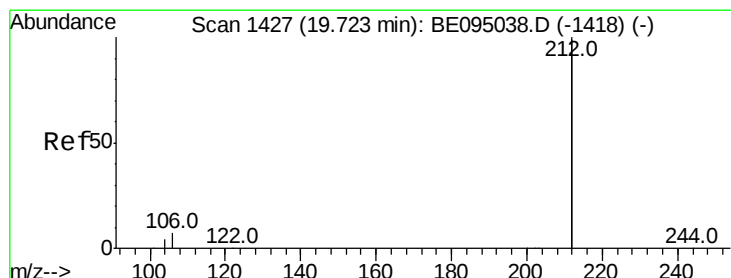
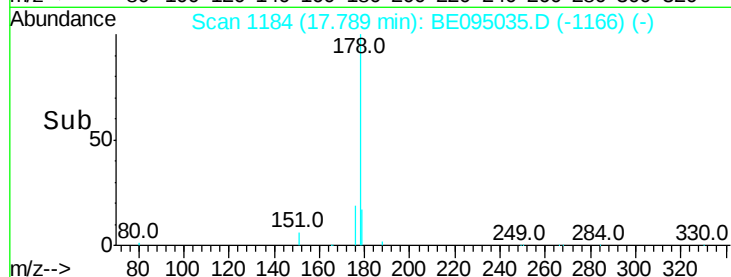
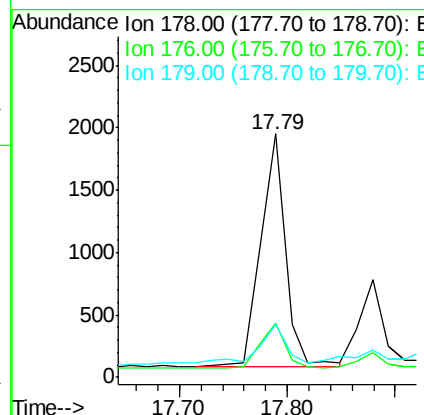
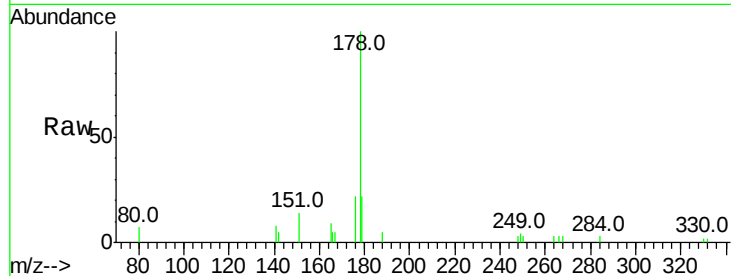
#23
Phenanthrene
Concen: 0.053 ng m
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ458S20171214

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.7	11.8	17.6

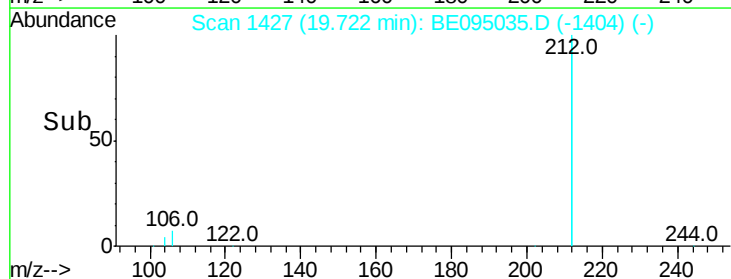
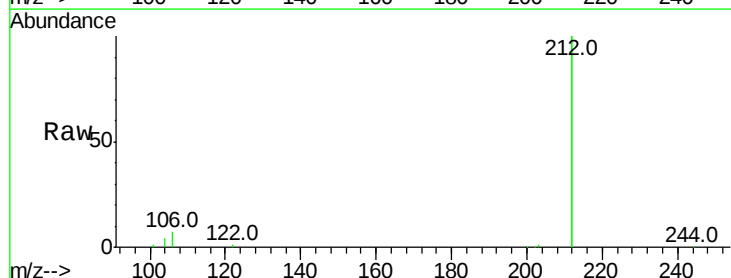
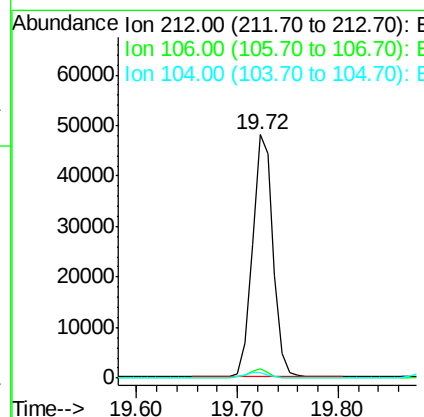
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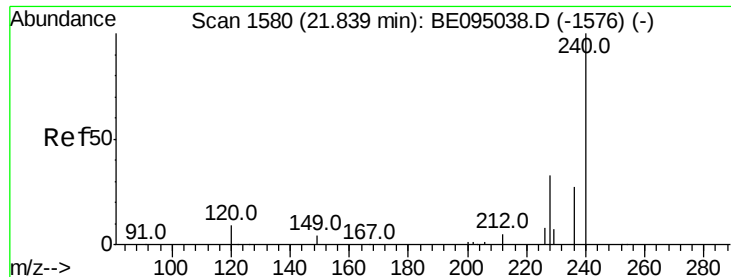
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#25
Fluoranthene-d10
Concen: 0.290 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.1	1.6	2.4





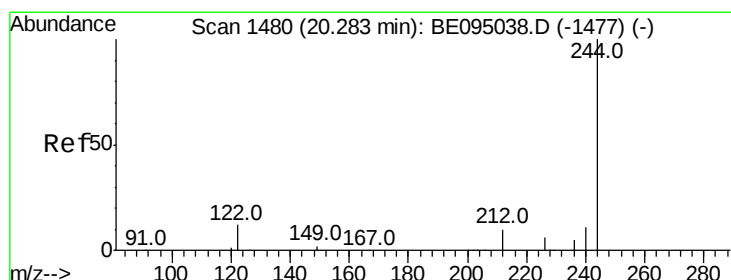
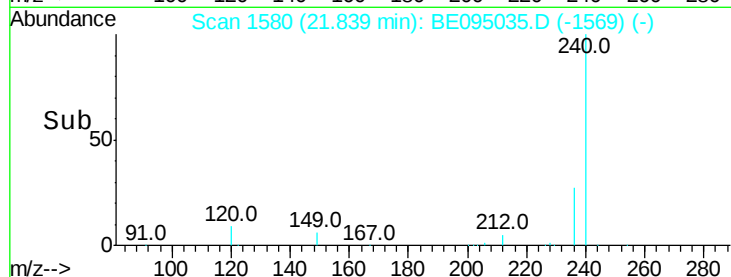
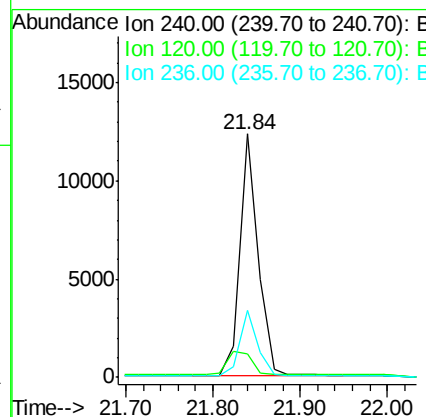
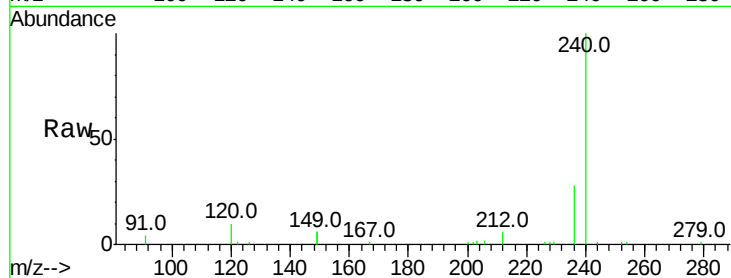
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ458S20171214

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.5	8.3#
236	27.6	20.7	31.1

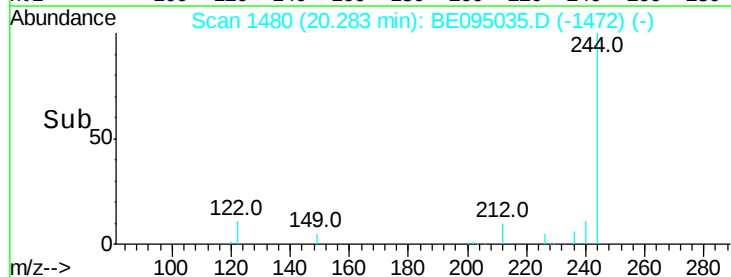
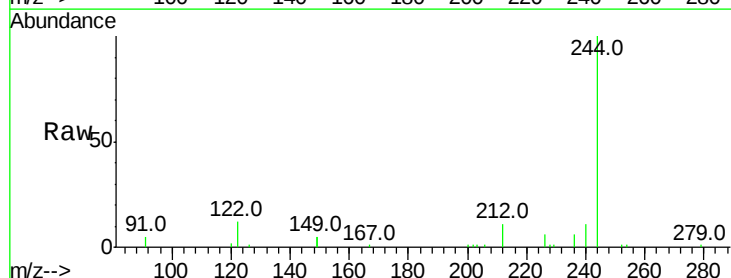
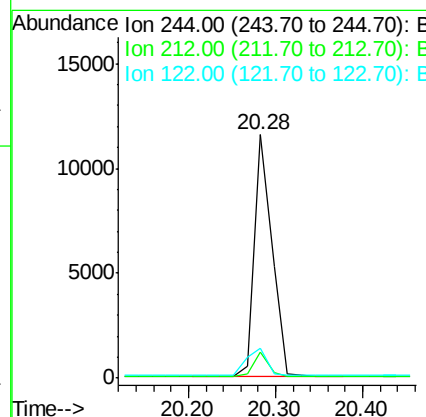
Manual Integrations
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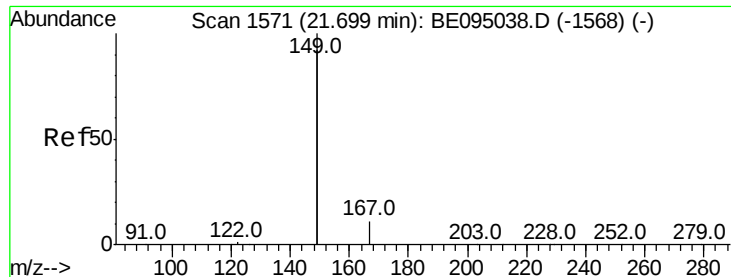
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#29
Terphenyl-d14
Concen: 0.481 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.7	25.4	38.0#
122	12.3	8.1	12.1#





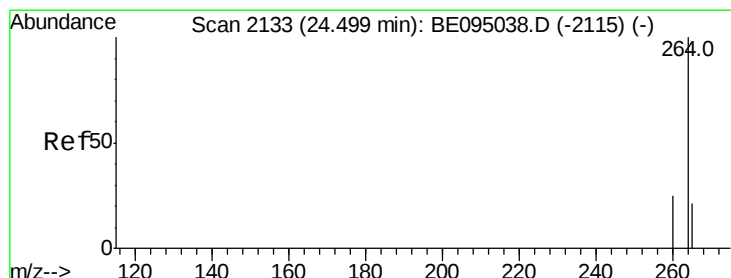
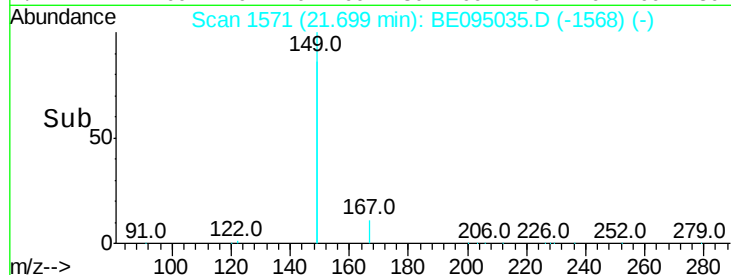
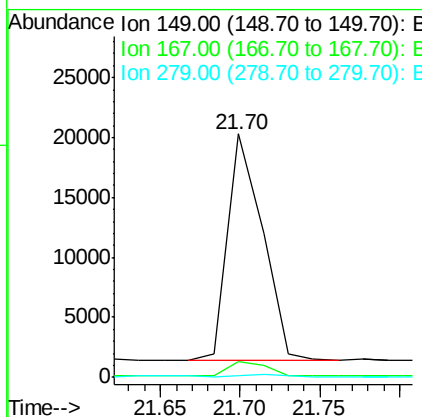
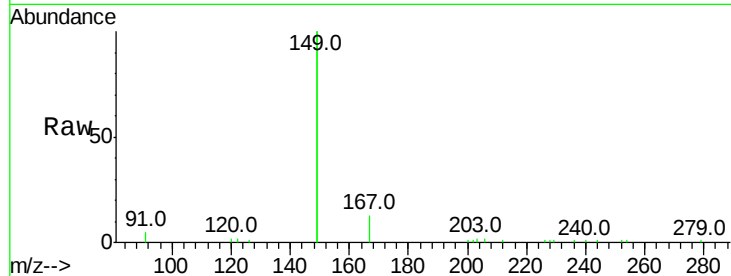
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.422 ng
 RT: 21.70 min Scan# 1571
 Delta R.T. -0.05 min
 Lab File: BE095035.D
 Acq: 19 Dec 2017 16:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ458S20171214

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.8	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:46:26 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.49 min Scan# 2132
 Delta R.T. -0.05 min
 Lab File: BE095035.D
 Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	20.5	30.7
265	29.1	22.8	34.2

