

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099970.D
 Acq On : 30 Oct 2017 19:54
 Operator : SJ/JU
 Sample : I6171-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-E

Manual Integrations
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Quant Time: Oct 31 03:54:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89482	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	358798	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159200	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	253462	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	168386	20.00	ng	-0.02
86) Perylene-d12	15.46	264	147100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	703254	123.39	ng	0.01
7) Phenol-d6	6.44	99	764668	113.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	496539	89.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	180031	124.09	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1009590	97.84	ng	-0.01
78) Terphenyl-d14	12.91	244	727135	94.37	ng	-0.01
Target Compounds						
31) Naphthalene	8.09	128	102711	5.930	ng	99
51) Acenaphthene	9.86	154	24158	2.454	ng	94
70) Phenanthrene	11.35	178	35605	2.489	ng	96

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

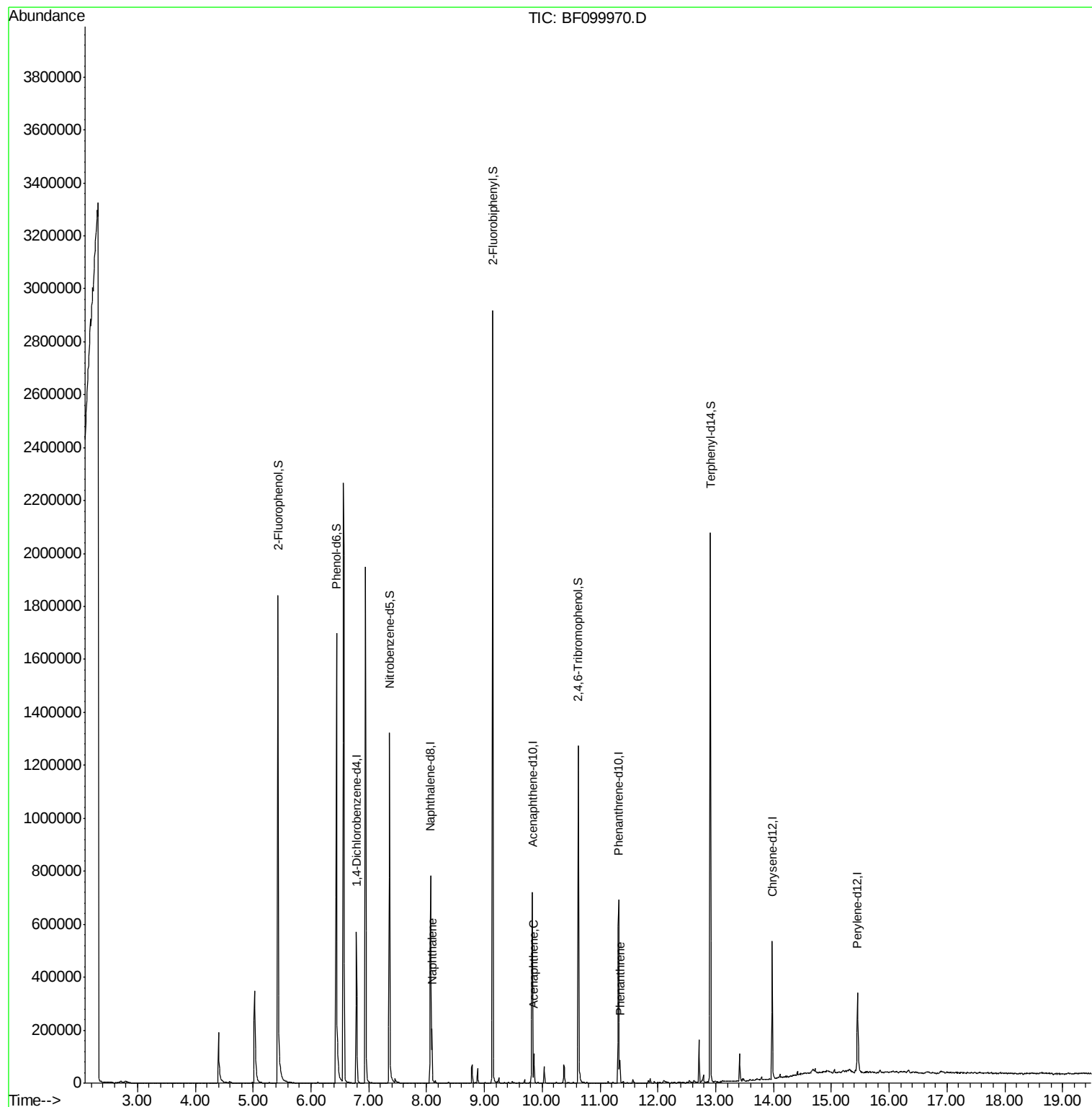
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099970.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

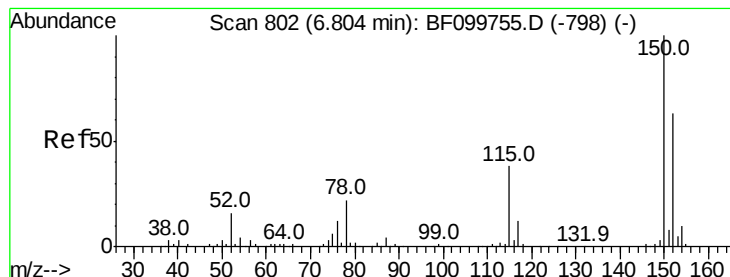
Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

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#1

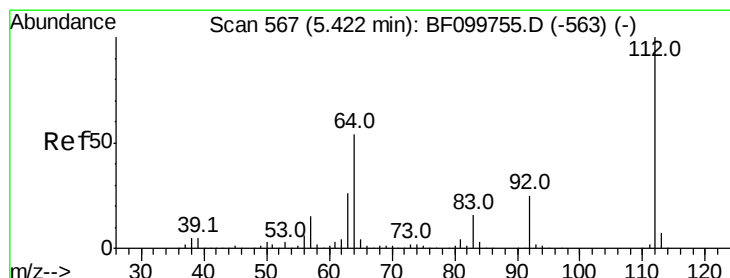
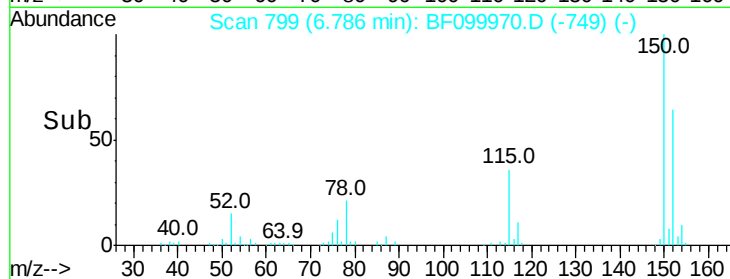
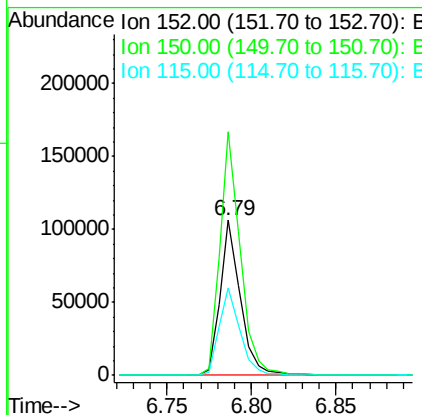
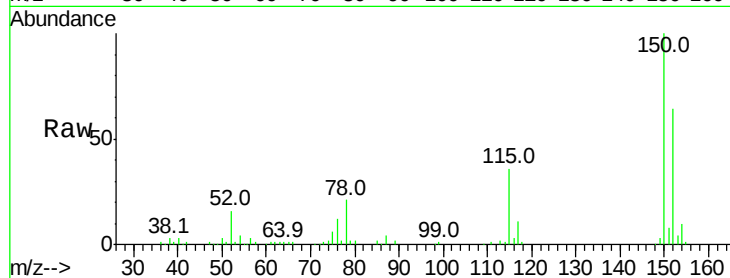
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	56.5	50.1	75.1

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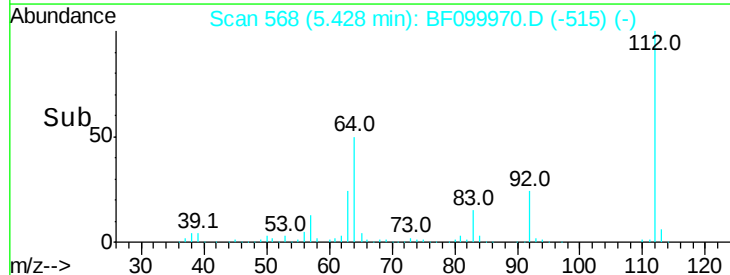
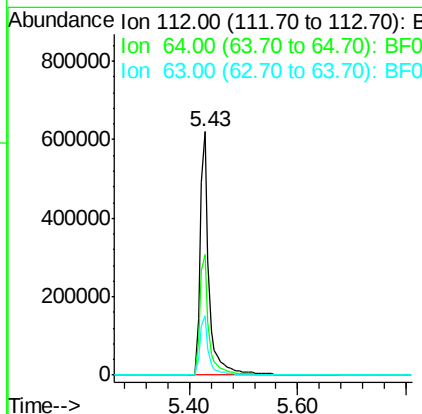
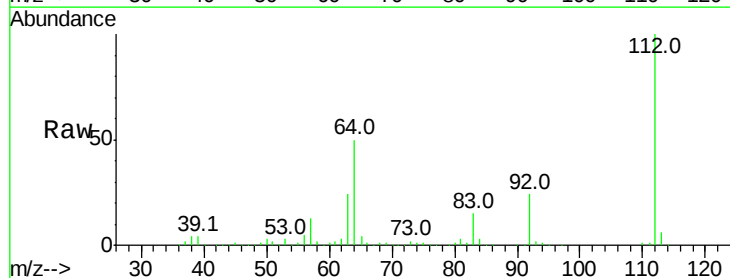
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#5

2-Fluorophenol
Concen: 123.386 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	47.9	71.9
63	24.3	23.7	35.5





#7

Phenol-d6

Concen: 113.148 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099970.D

Acq: 30 Oct 2017 19:54

Instrument :

BNA_F

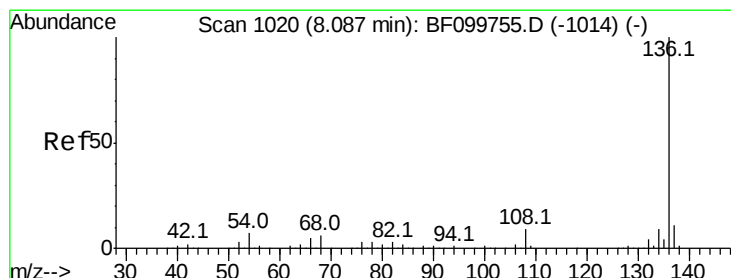
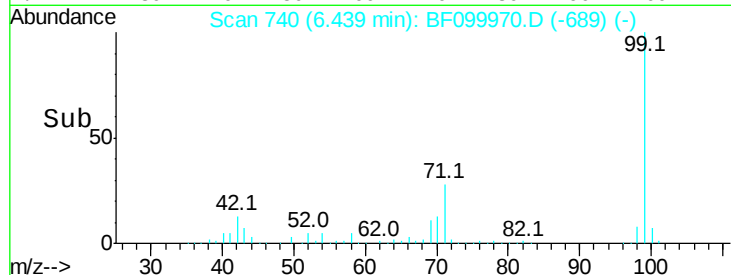
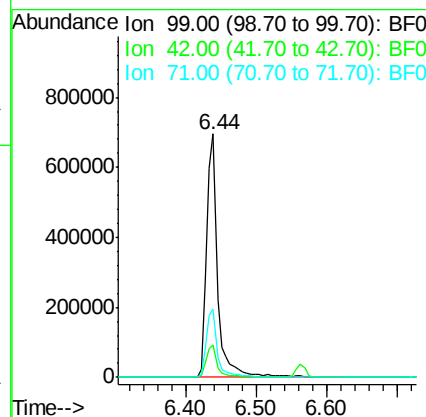
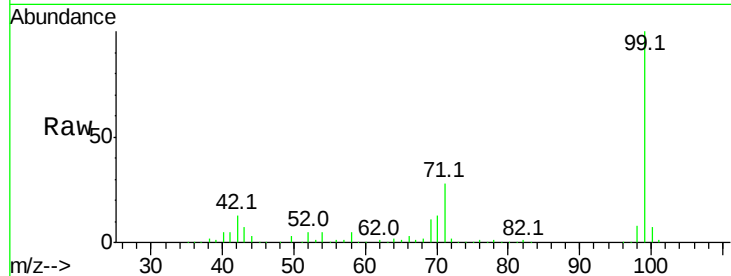
ClientSampleId :

CL-01-102617-E

Tot Ion:	99	Resp:	764668
Ion Ratio	Lower	Upper	
99	100		
42	13.4	14.5	21.7#
71	28.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

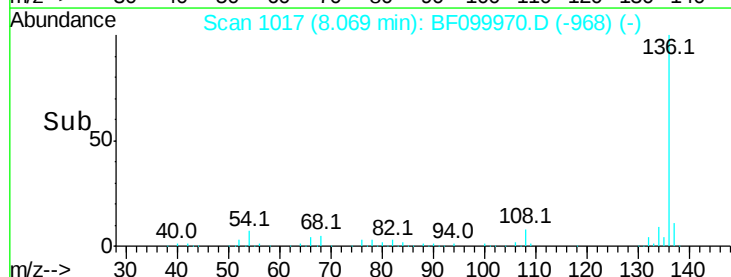
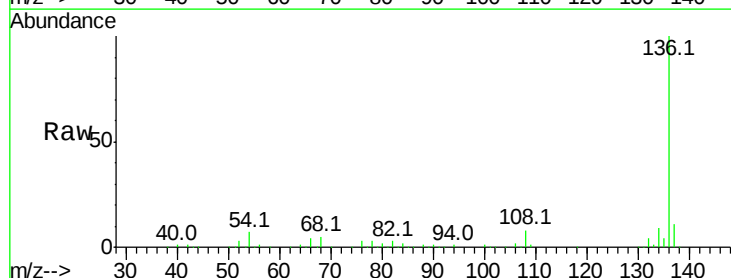
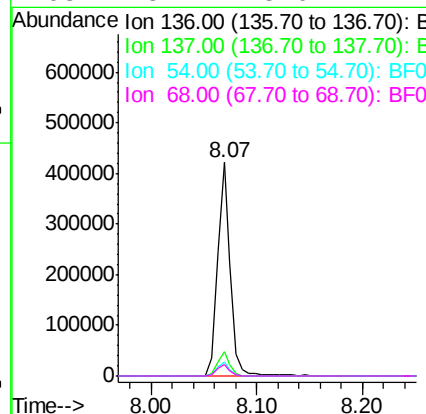
RT: 8.07 min Scan# 1017

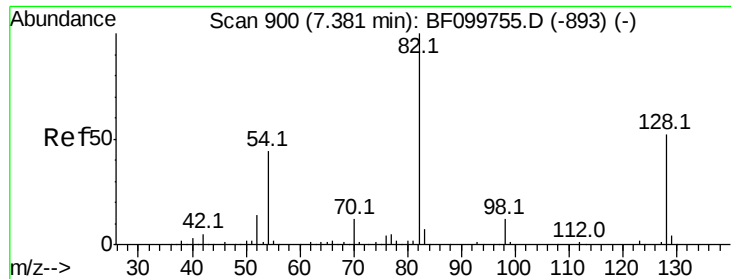
Delta R.T. -0.01 min

Lab File: BF099970.D

Acq: 30 Oct 2017 19:54

Tgt Ion:	136	Resp:	358798
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.6	6.6	9.8
68	5.4	5.0	7.4





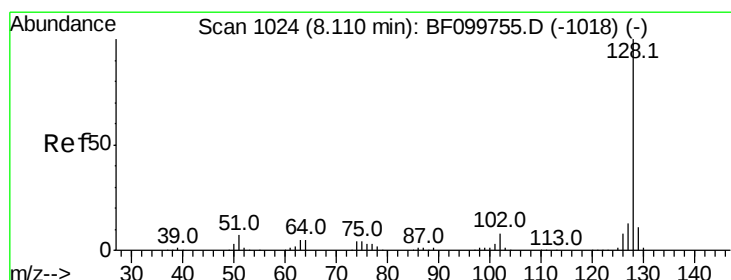
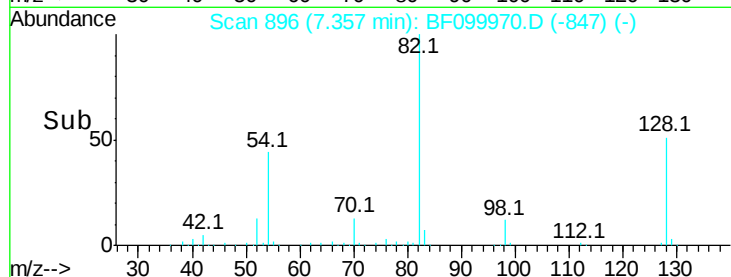
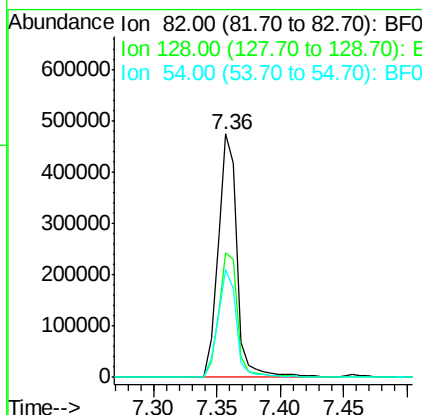
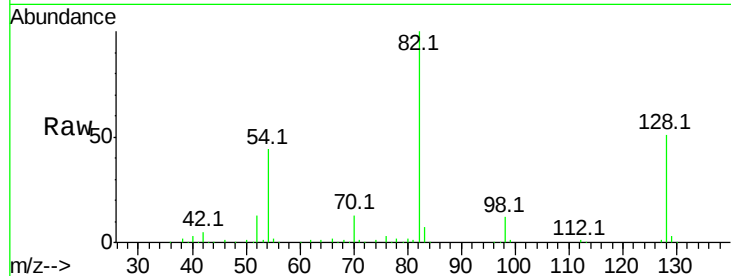
#23
 Nitrobenzene-d5
 Concen: 89.096 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	44.2	41.4	62.2

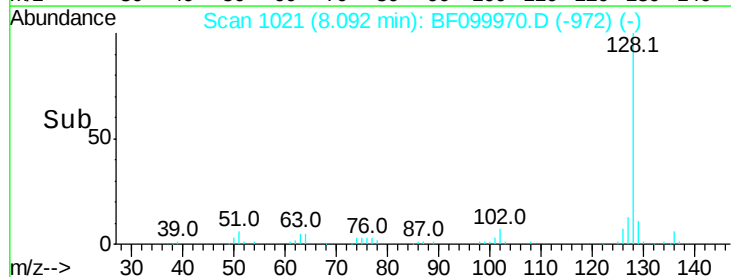
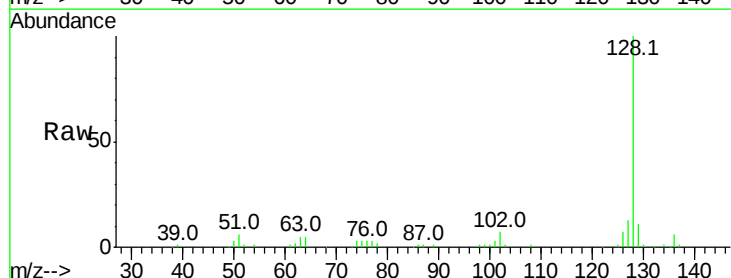
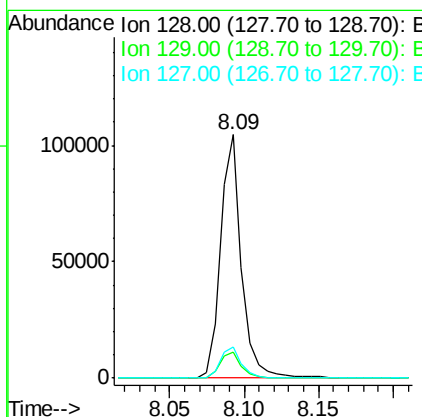
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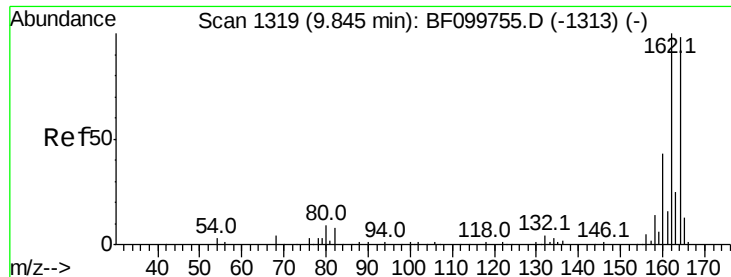
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#31
 Naphthalene
 Concen: 5.930 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.9	16.3





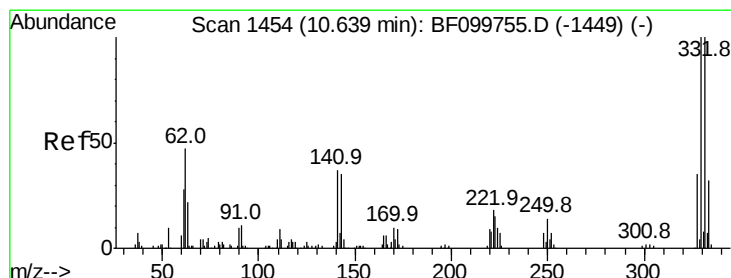
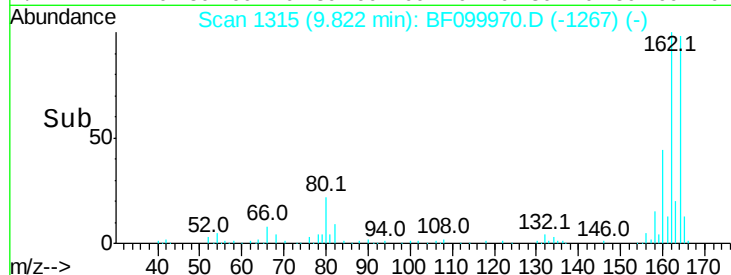
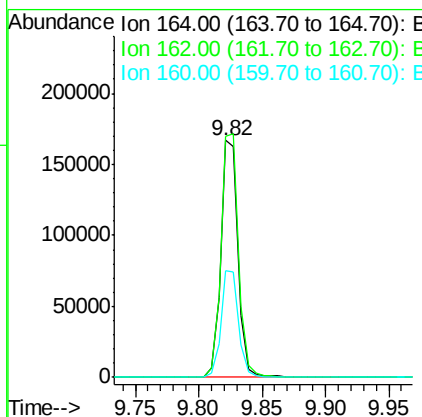
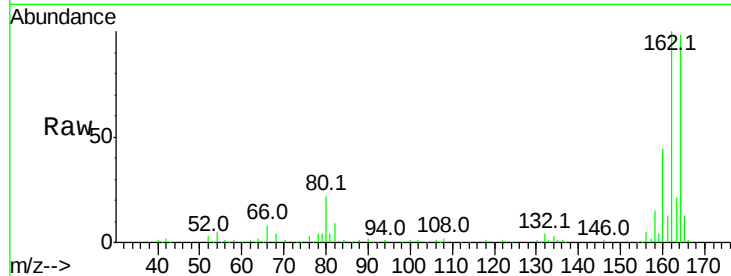
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

Tot Ion	Ratio	Resp	Lower	Upper
164	100	159200		
162	101.8	86.1	129.1	
160	44.8	38.3	57.5	

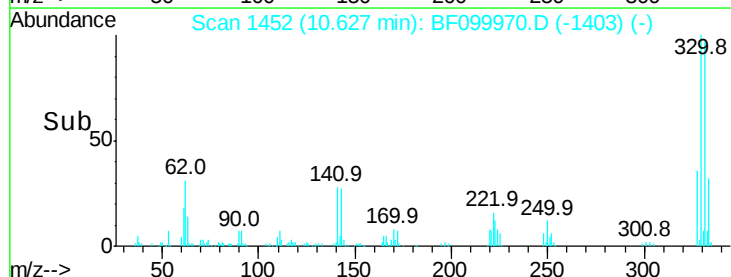
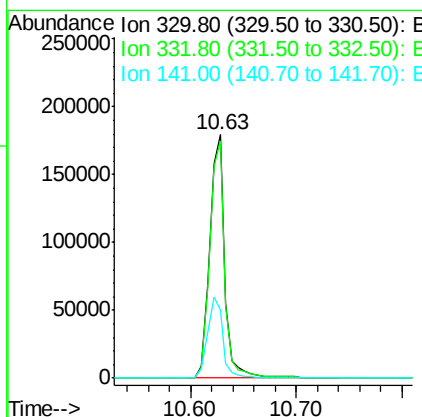
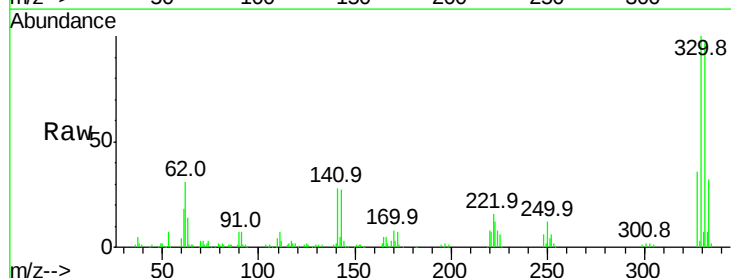
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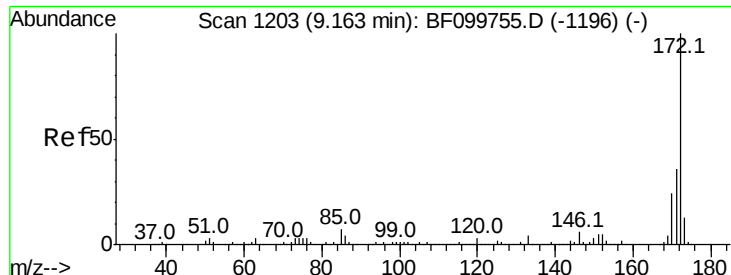
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#41
2,4,6-Tribromophenol
Concen: 124.089 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	180031		
332	97.2	77.0	115.6	
141	34.0	29.9	44.9	





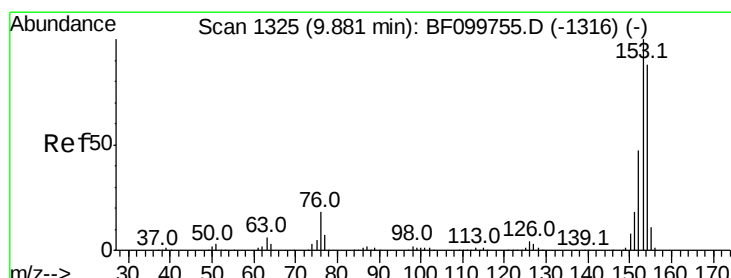
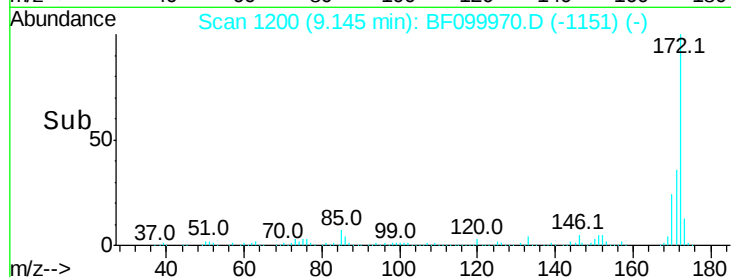
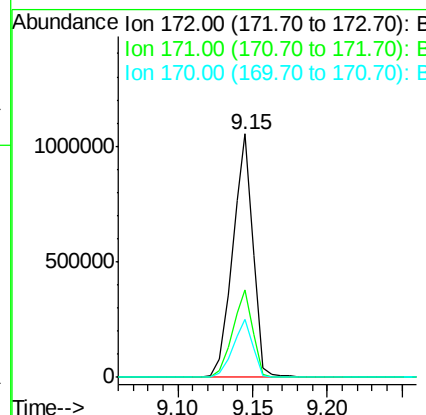
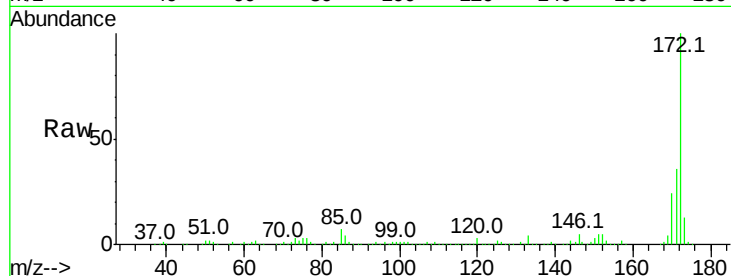
#44
 2-Fluorobiphenyl
 Concen: 97.841 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-E

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

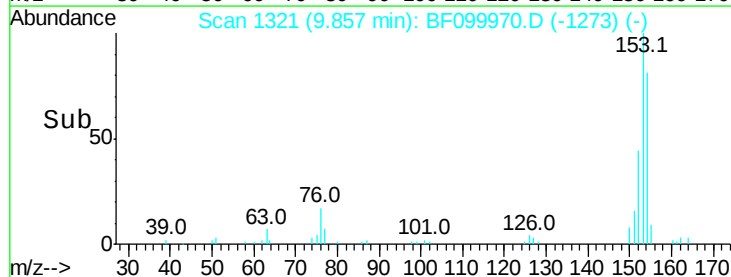
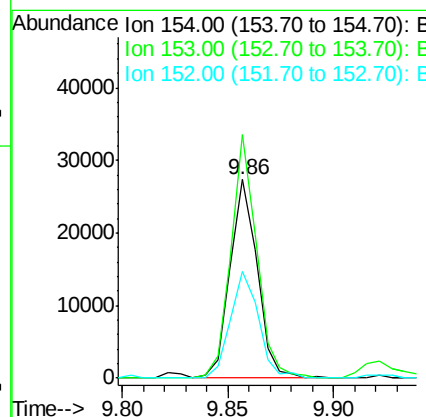
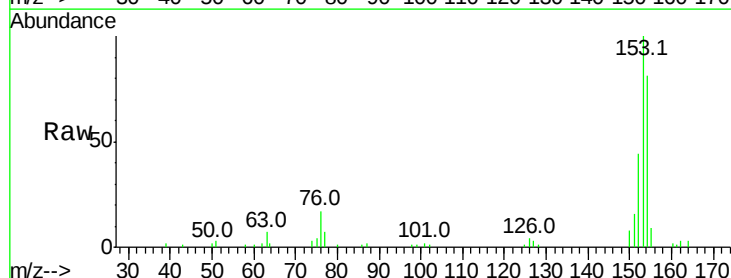
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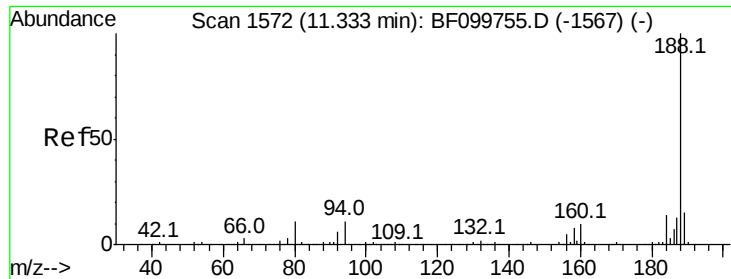
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#51
 Acenaphthene
 Concen: 2.454 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.8	91.2	136.8
152	53.9	43.8	65.8





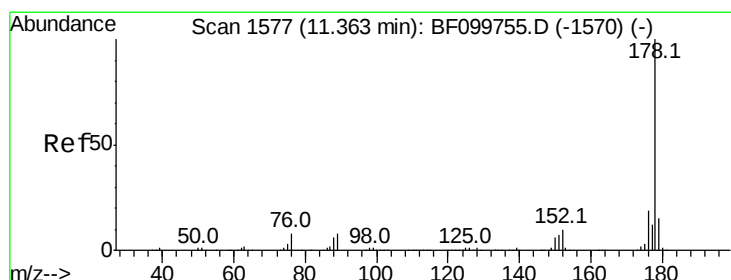
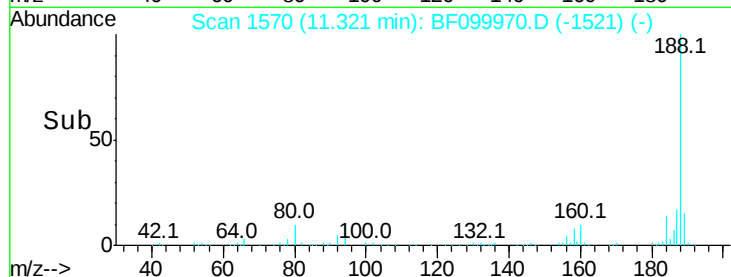
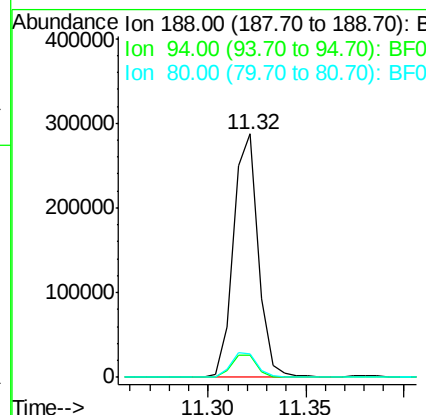
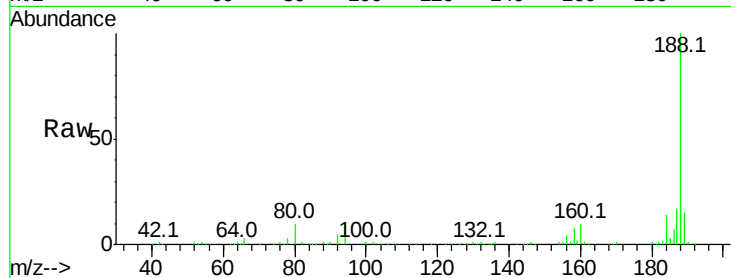
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

Tot Ion	Ratio	Resp	Lower	Upper
188	100	253462		
94	9.2	8.5	12.7	
80	9.5	9.2	13.8	

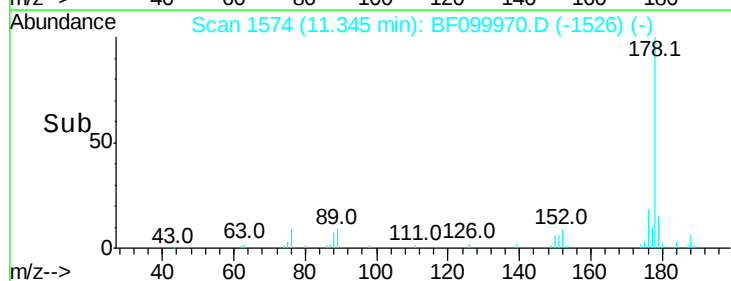
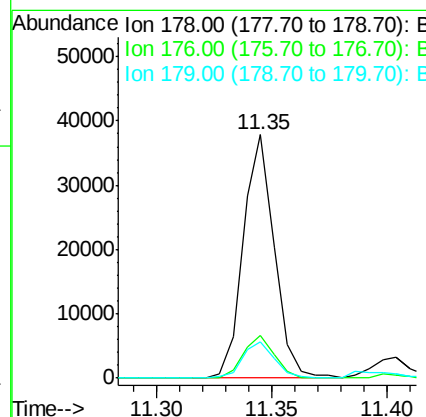
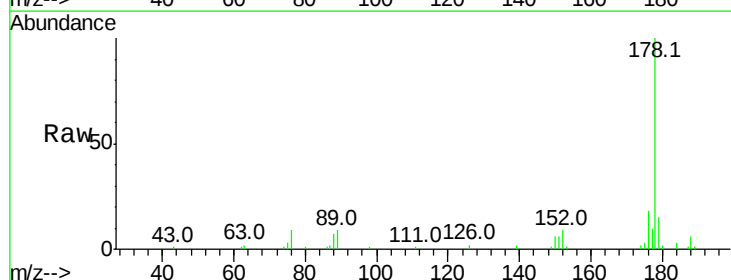
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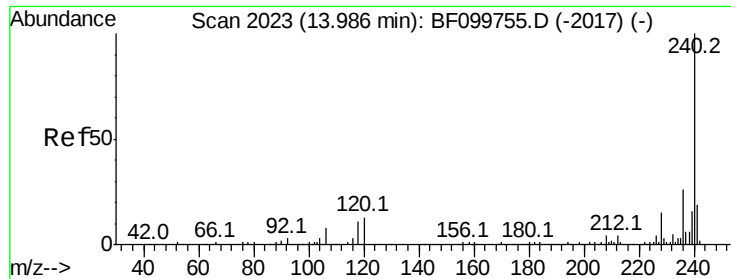
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#70
Phenanthrene
Concen: 2.489 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	35605		
176	17.7	15.8	23.8	
179	14.8	13.0	19.6	





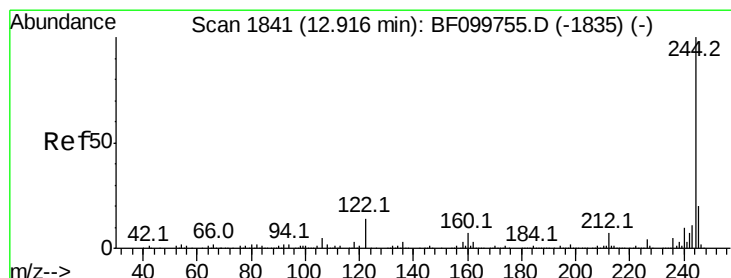
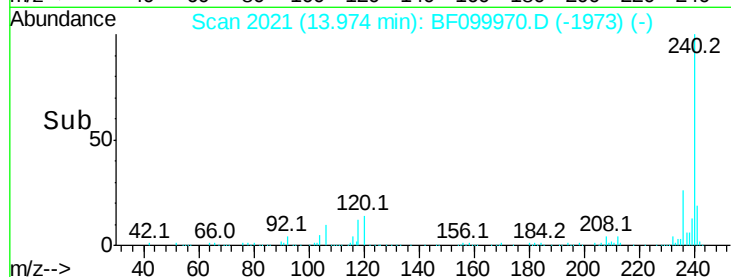
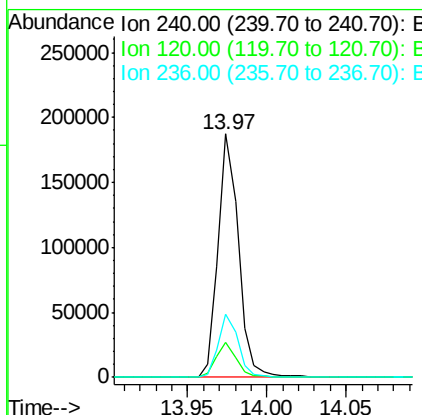
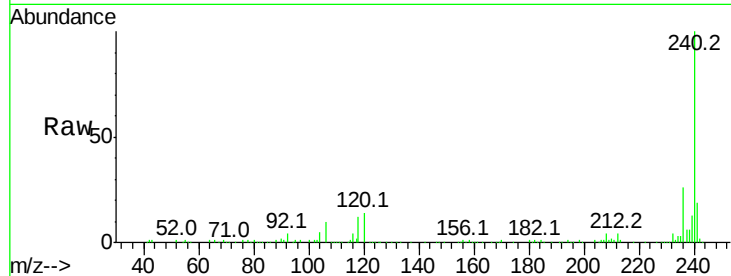
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Instrument :
 BNA_F
 ClientSampleID :
 CL-01-102617-E

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.7	20.7	31.1

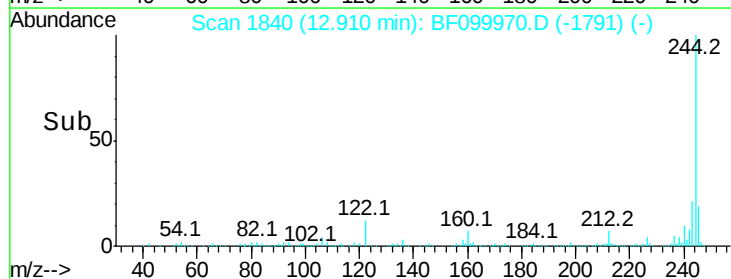
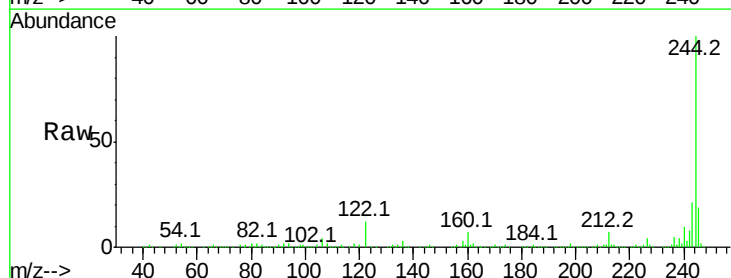
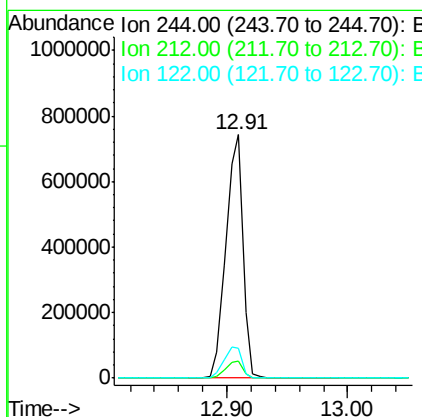
Manual Integrations
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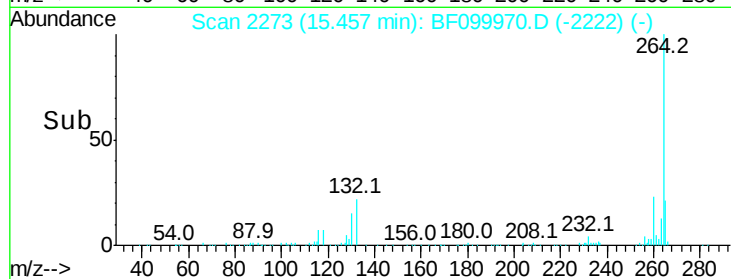
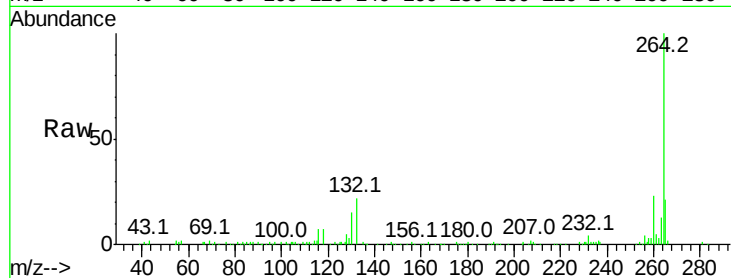
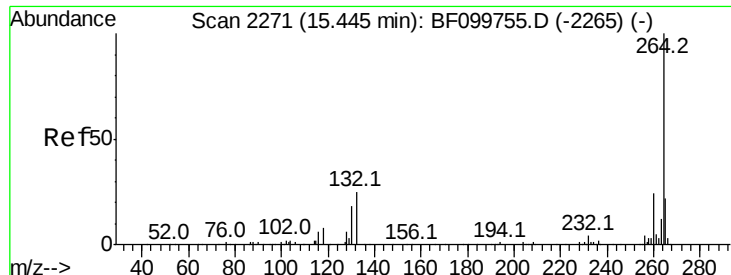
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#78
 Terphenyl-d14
 Concen: 94.370 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099970.D
 Acq: 30 Oct 2017 19:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099970.D
Acq: 30 Oct 2017 19:54

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.8	19.2	28.8	
265	20.7	17.5	26.3	

Manual Integrations
APPROVED

Sohil
10/31/2017 7:41:15 PM

