

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113303.D
 Acq On : 26 Mar 2019 20:54
 Operator : JU/SJ
 Sample : K2099-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

Manual Integrations
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 3/27/2019 3:17:46 PM

Quant Time: Mar 27 07:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	139222	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	527914	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	262299	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	501338	20.00	ng	0.00
76) Chrysene-d12	13.83	240	349280	20.00	ng	-0.01
87) Perylene-d12	15.23	264	405799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	353331	41.50	ng	0.00
7) Phenol-d6	6.35	99	308888	28.68	ng	-0.01
23) Nitrobenzene-d5	7.26	82	795187	89.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230730	71.21	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1480367	89.36	ng	0.00
79) Terphenyl-d14	12.79	244	1257914	79.38	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	106129	4.114	ng	Qvalue # 94
37) 2-Methylnaphthalene	8.70	142	125262	7.782	ng	99
38) 1-Methylnaphthalene	8.79	142	105479m	6.813	ng	
71) Phenanthrene	11.23	178	73062	2.935	ng	98

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

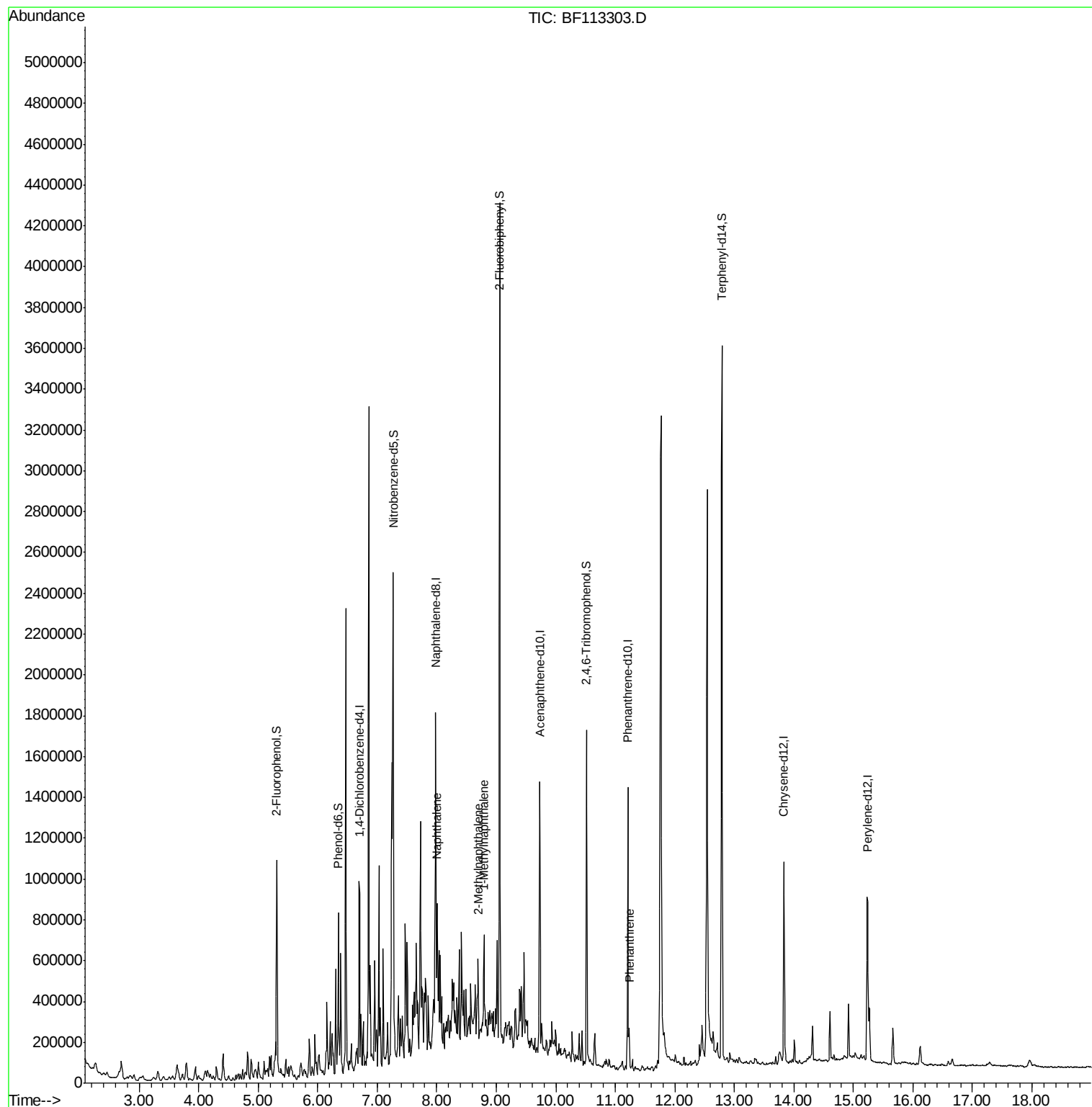
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113303.D
Acq On : 26 Mar 2019 20:54
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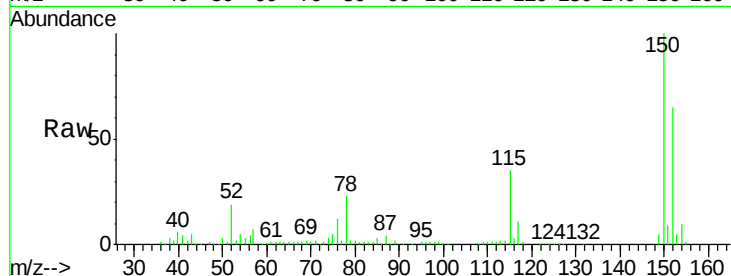




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

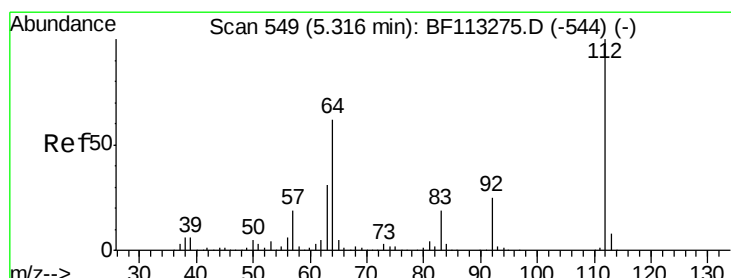
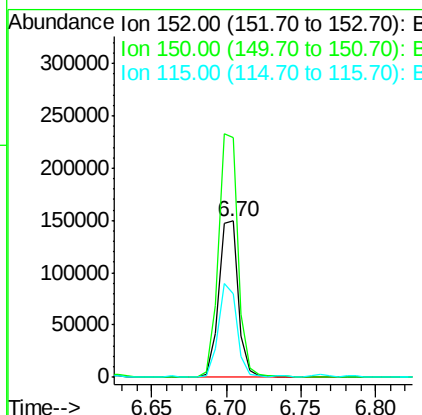
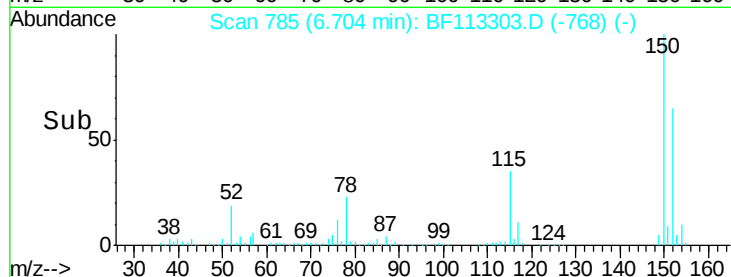
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	53.6	46.0	69.0

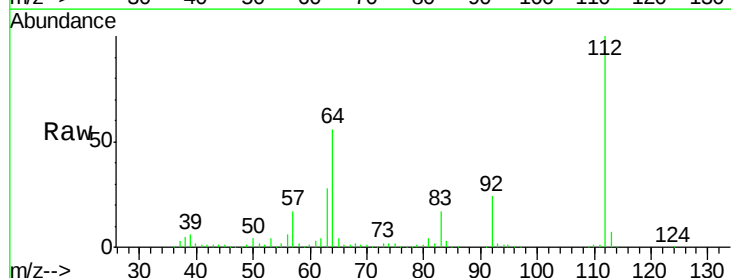
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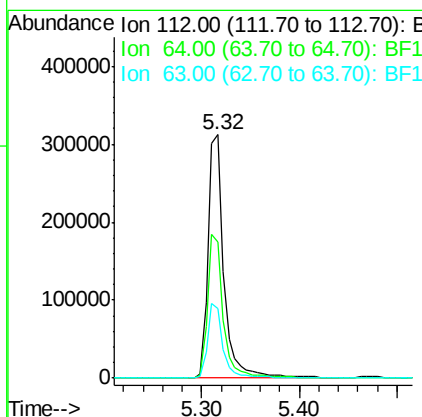
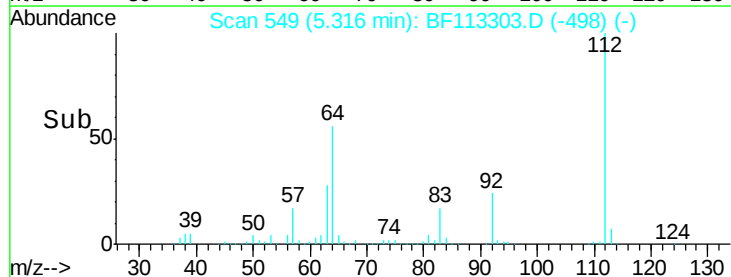


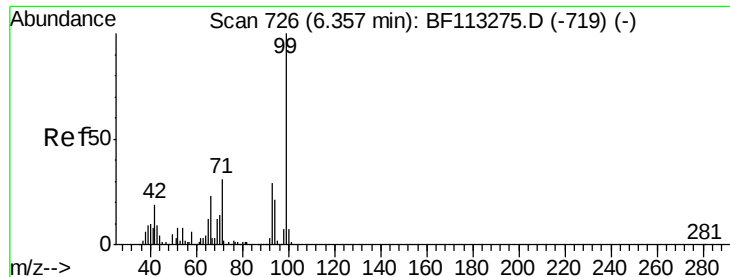
#5

2-Fluorophenol
Concen: 41.498 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54



Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.2	73.8
63	28.4	24.9	37.3





#7

Phenol-d6

Concen: 28.677 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Instrument :

BNA_F

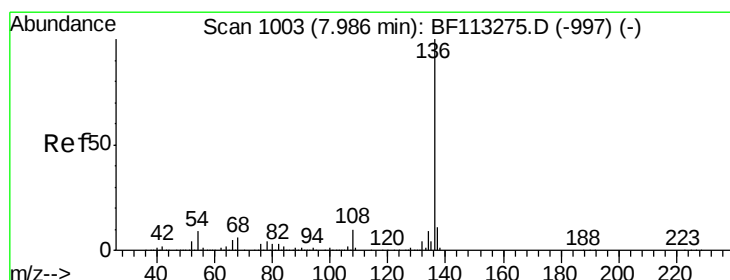
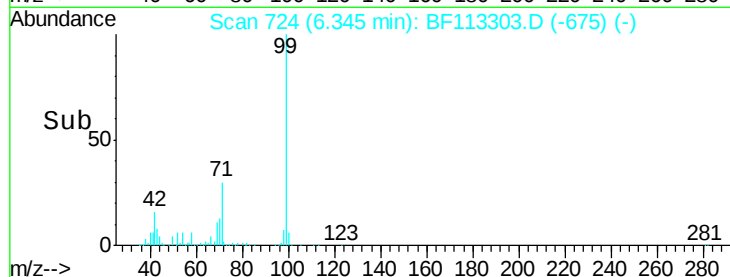
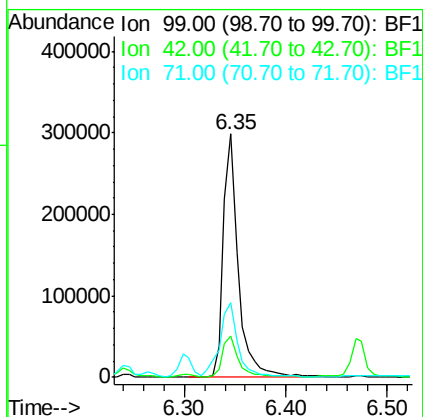
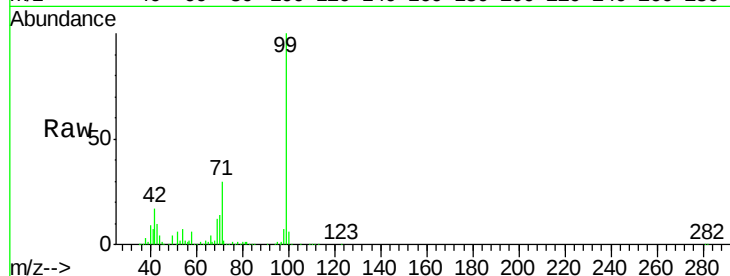
ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:	99	Resp:	308888
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.8	22.2
71	30.4	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

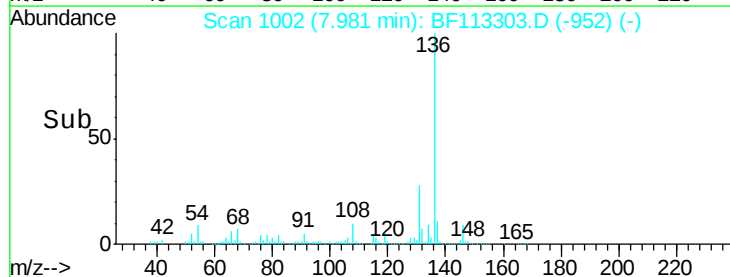
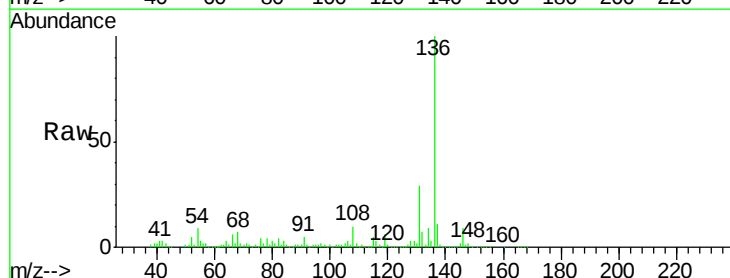
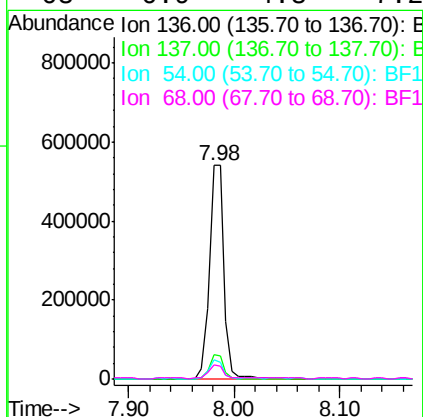
RT: 7.98 min Scan# 1002

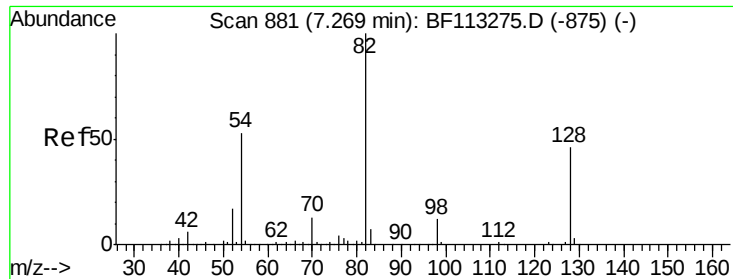
Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Tgt Ion:	136	Resp:	527914
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	9.3	7.0	10.6
68	6.9	4.8	7.2





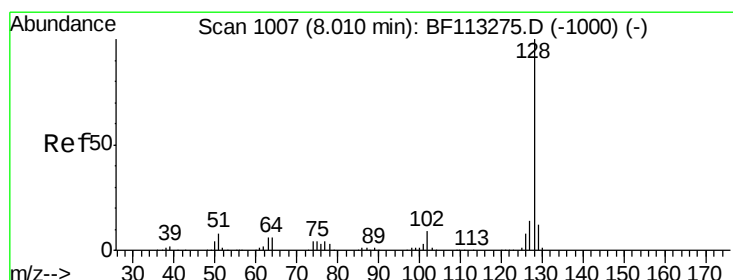
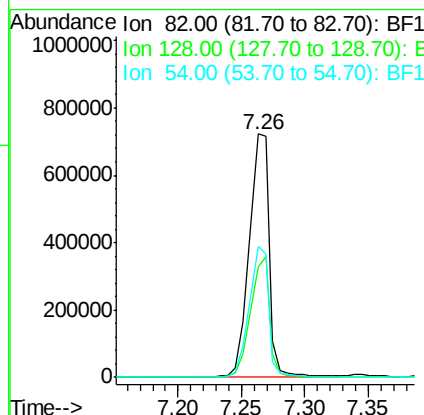
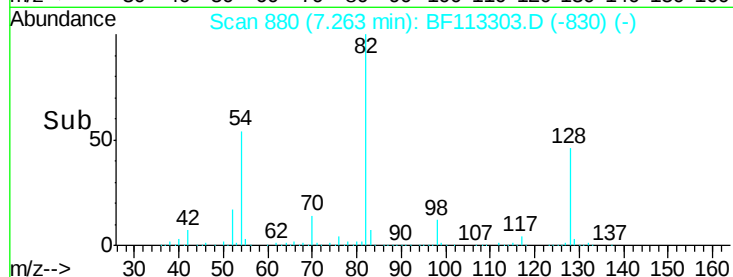
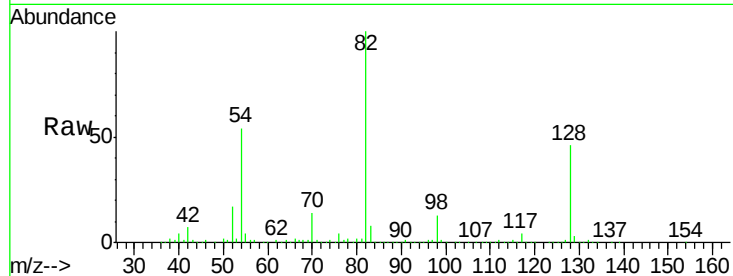
#23
Nitrobenzene-d5
Concen: 89.404 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	53.8	42.2	63.2

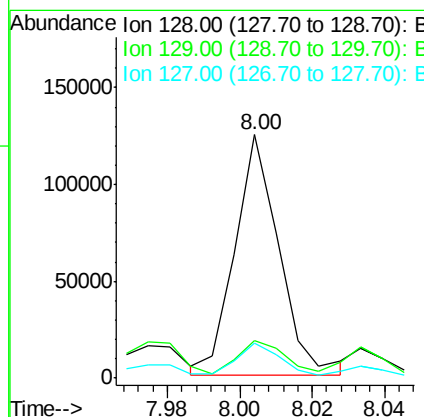
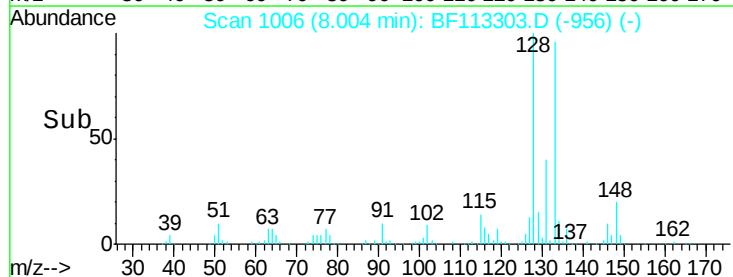
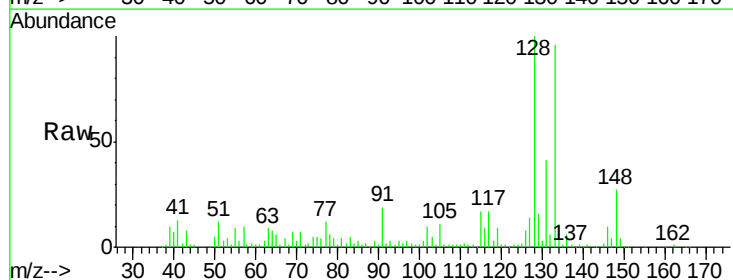
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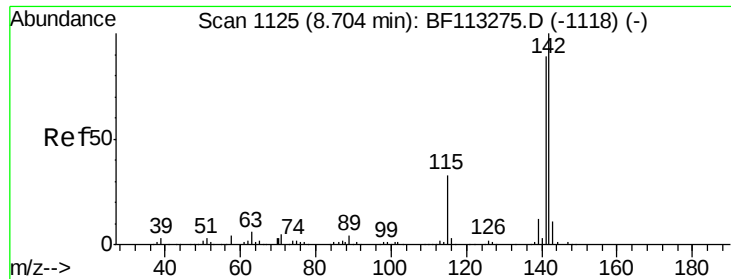
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#31
Naphthalene
Concen: 4.114 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.3	13.9#
127	14.5	10.9	16.3





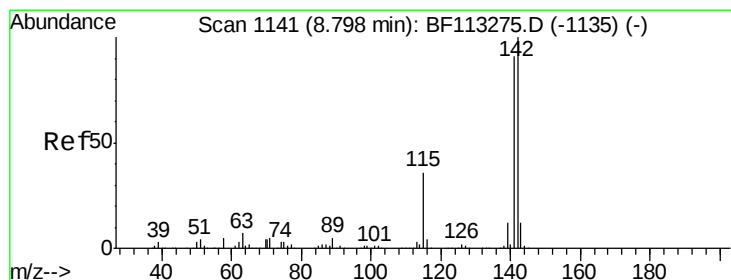
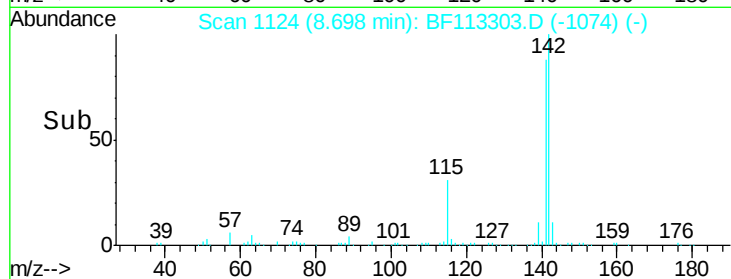
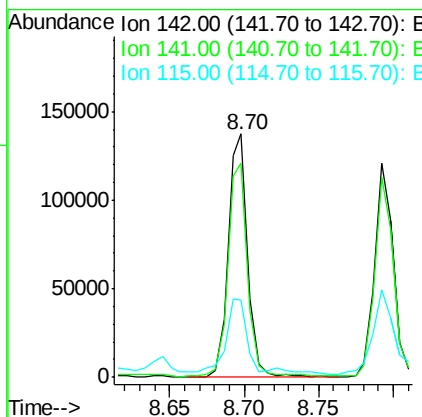
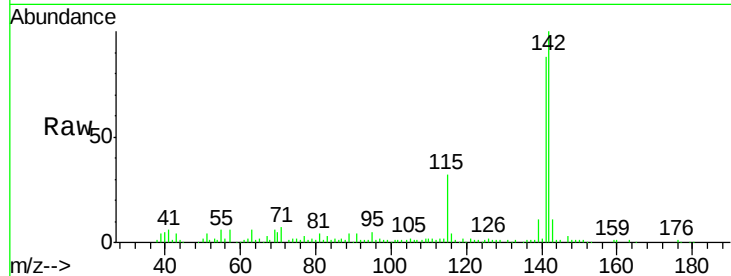
#37
 2-Methylnaphthalene
 Concen: 7.782 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	125262		
141	87.9	71.0	106.6	
115	31.9	26.6	39.8	

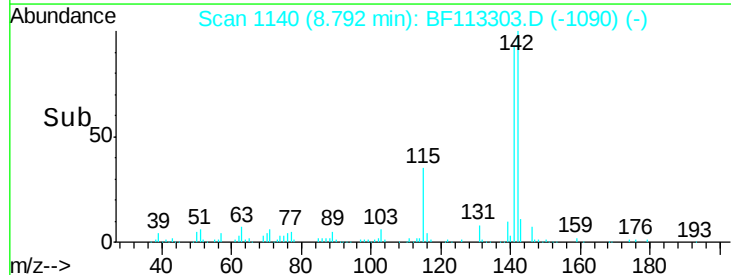
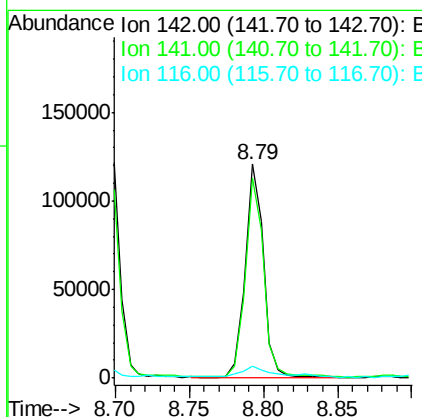
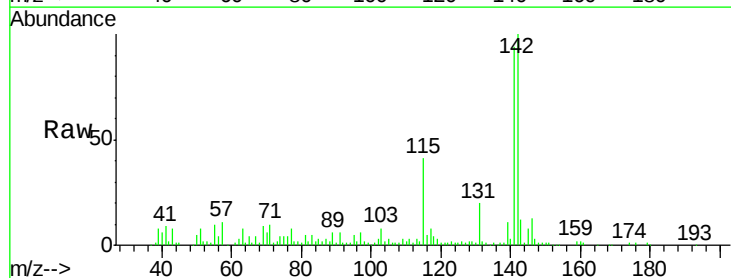
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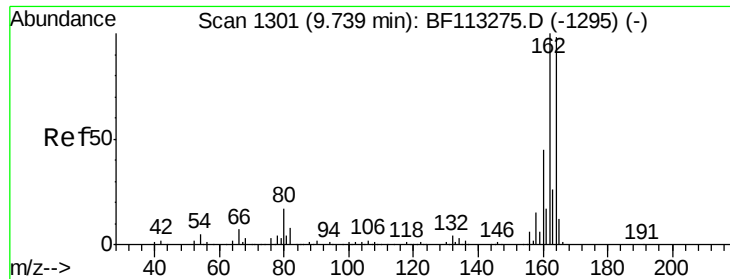
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#38
 1-Methylnaphthalene
 Concen: 6.813 ng m
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	105479		
141	93.6	73.2	109.8	
116	5.4	3.0	4.4#	





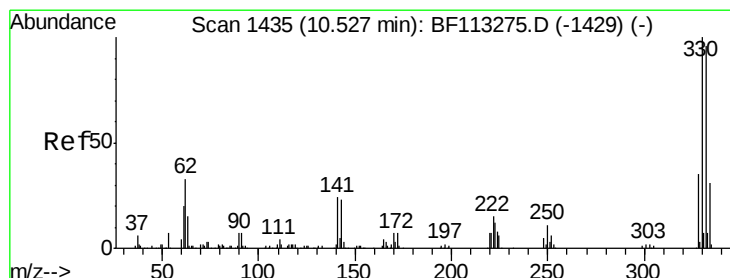
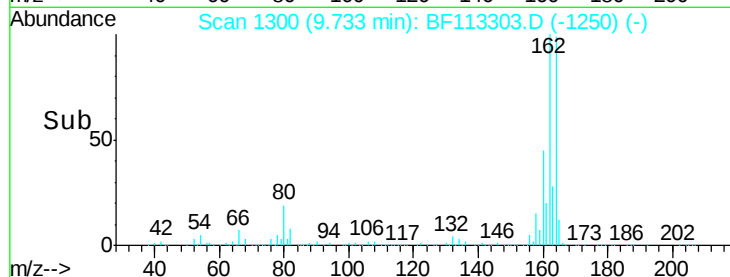
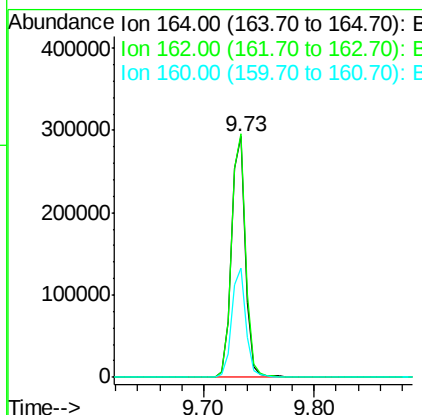
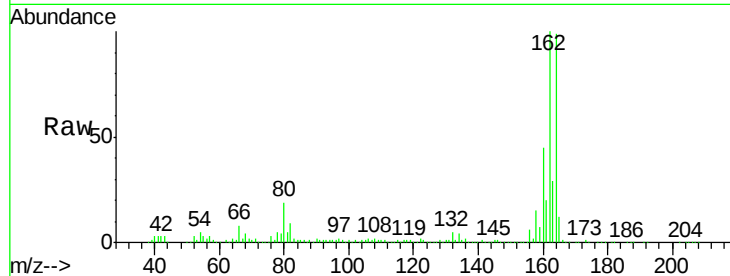
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262299		
162	101.1	81.8	122.6	
160	45.2	36.4	54.6	

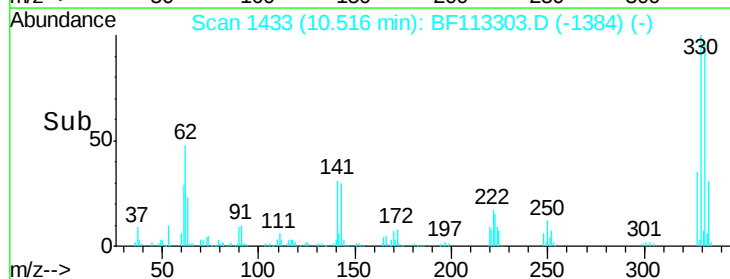
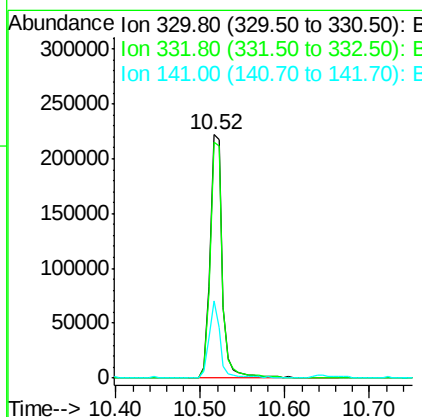
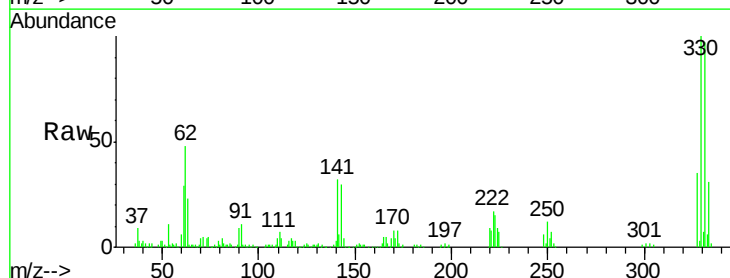
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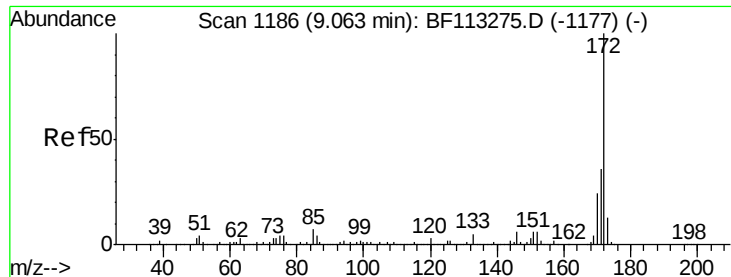
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#42
2,4,6-Tribromophenol
Concen: 71.213 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230730		
332	96.9	77.8	116.6	
141	27.2	22.7	34.1	





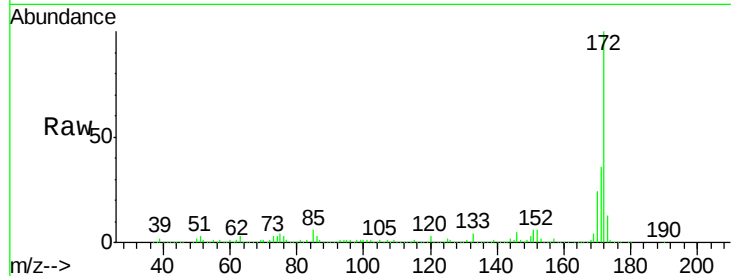
#45
 2-Fluorobiphenyl
 Concen: 89.364 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

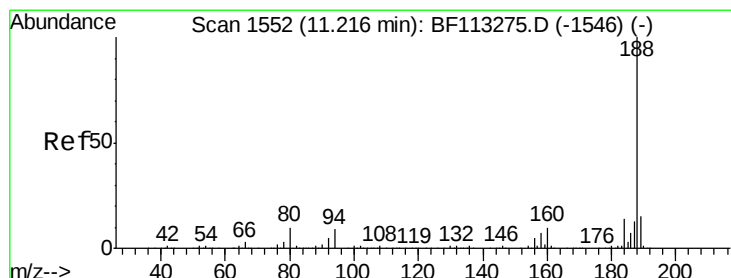
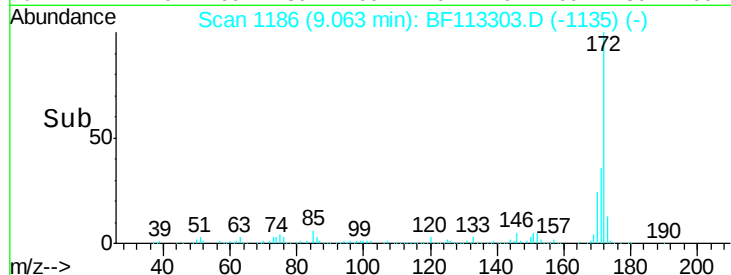
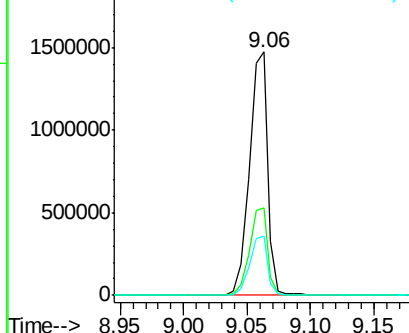
Tgt Ion:172 Resp: 1480367
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 19.5 29.3

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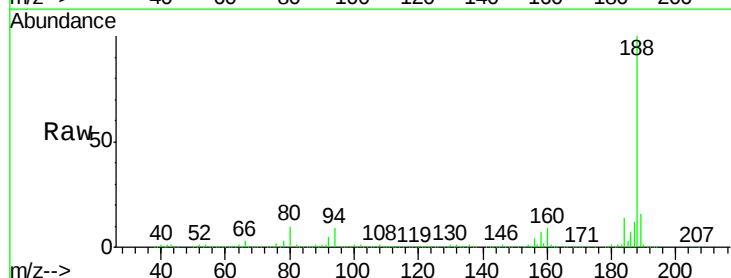


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

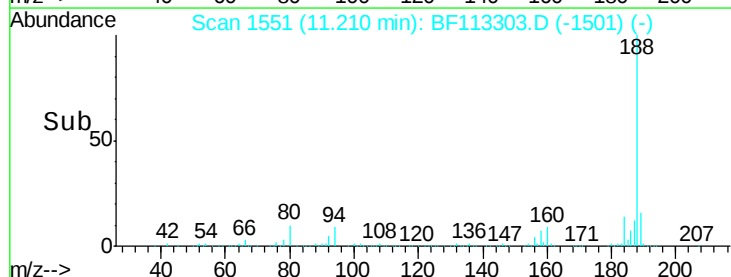
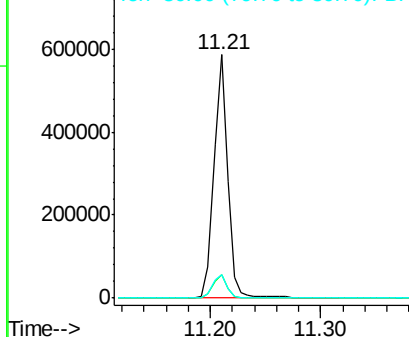


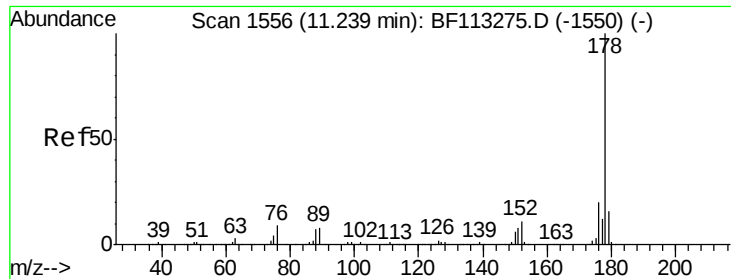
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Tgt Ion:188 Resp: 501338
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.6
 80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 800000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.935 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Instrument :

BNA_F

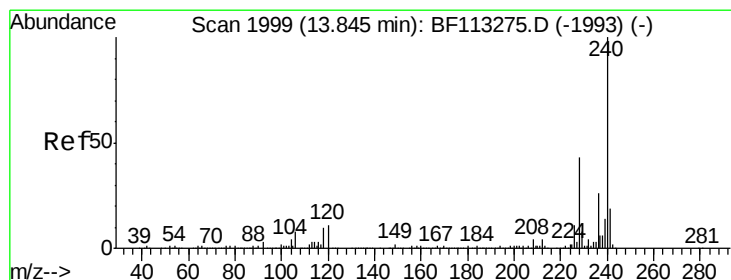
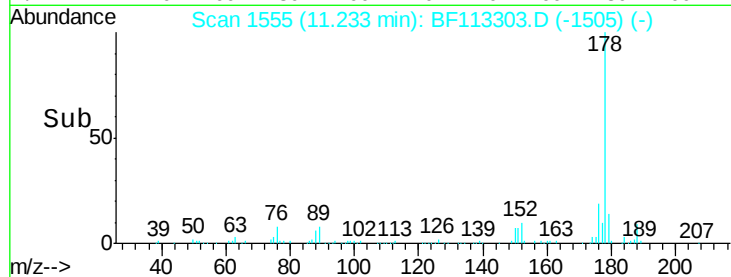
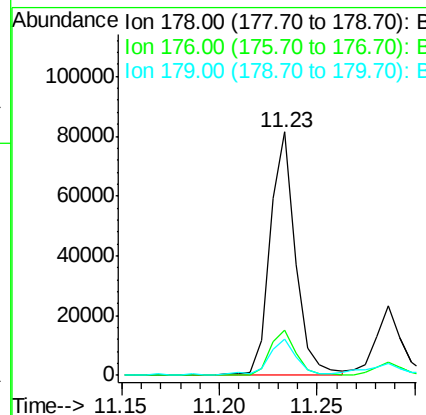
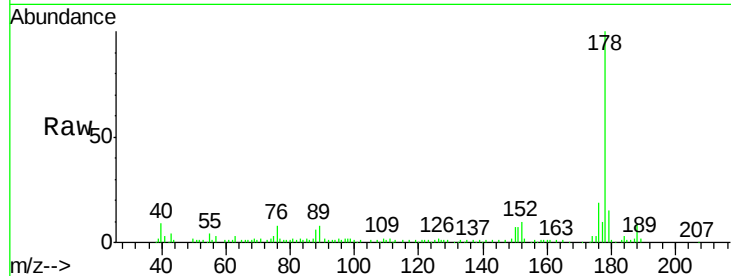
ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:	178	Resp:	73062
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.2	24.2
179	15.1	12.7	19.1

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#76

Chrysene-d12

Concen: 20.000 ng

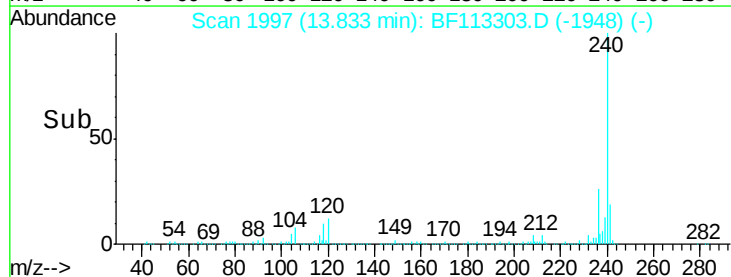
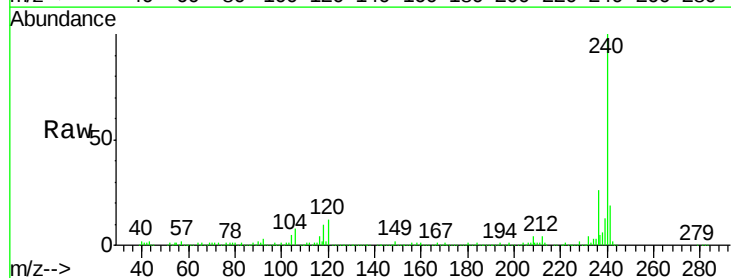
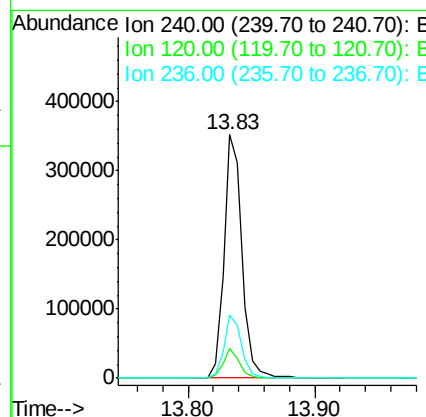
RT: 13.83 min Scan# 1997

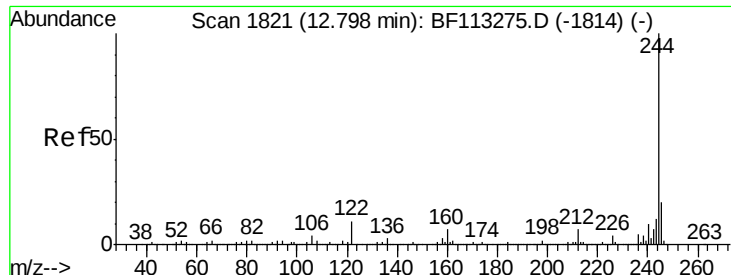
Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Tgt Ion:	240	Resp:	349280
Ion Ratio	Lower	Upper	
240	100		
120	12.1	8.8	13.2
236	25.8	20.9	31.3





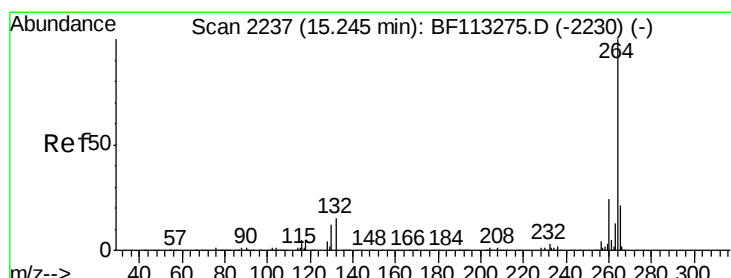
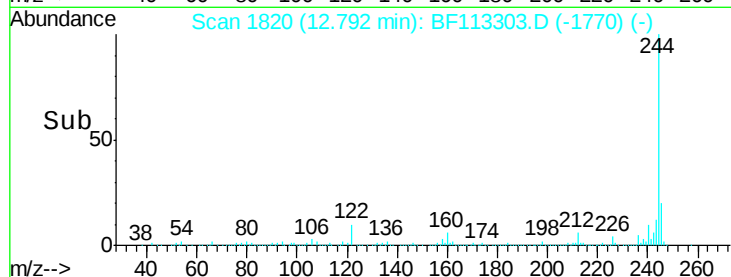
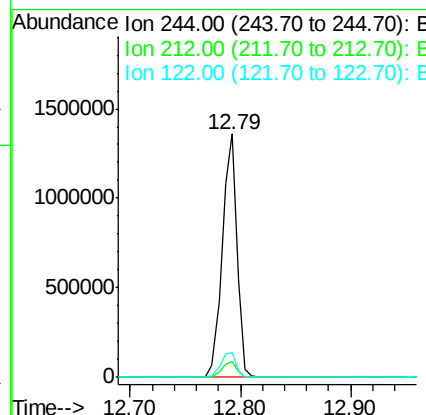
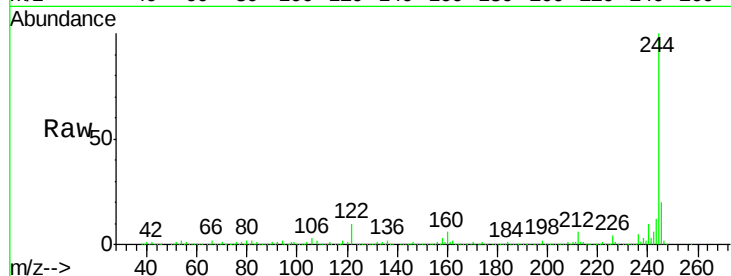
#79
 Terphenyl-d14
 Concen: 79.382 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion: 244 Resp: 1257914
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.3 8.6 13.0

Manual Integrations
 APPROVED

Sohil
 3/27/2019 3:17:46 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Tgt Ion: 264 Resp: 405799
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.9 17.1 25.7

