

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113795.D
 Acq On : 16 Apr 2019 15:57
 Operator : JU/SJ
 Sample : K2411-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

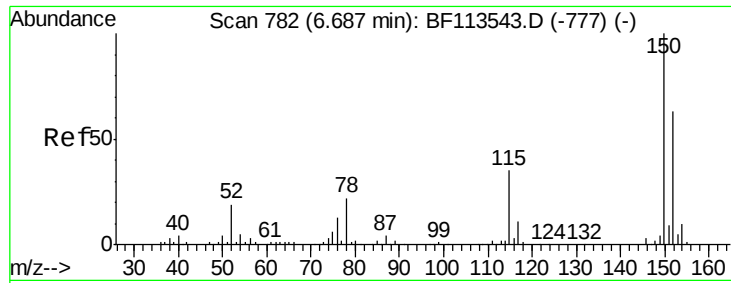
Manual Integrations
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Quant Time: Apr 16 18:18:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	3968	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.96
39) Acenaphthene-d10	9.43	164	8395	20.00	ng	-0.28
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.19
76) Chrysene-d12	13.83	240	273m	20.00	ng	0.00
87) Perylene-d12	15.24	264	116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	618297	2657.10	ng	0.00
7) Phenol-d6	6.33	99	815105	2842.08	ng	0.00
23) Nitrobenzene-d5	7.24	82	457019	0.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	155856m	1545.51	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	784212	1503.87	ng	0.00
79) Terphenyl-d14	12.77	244	726035	54147.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.83	79	7140	36.819	ng	Qvalue # 40
50) Dimethylphthalate	9.43	163	92899m	150.122	ng	
78) Pyrene	12.63	202	41609	2003.104	ng	98
81) Benzo(a)anthracene	13.82	228	31381	1992.682	ng	95
83) Chrysene	13.86	228	24727	1548.908	ng	97
84) Bis(2-ethylhexyl)phthalate	13.80	149	3441	336.587	ng	# 89
86) Indeno(1,2,3-cd)pyrene	16.63	276	24521	1663.632	ng	99
88) Benzo(b)fluoranthene	14.85	252	43503m	6126.634	ng	
89) Benzo(k)fluoranthene	14.86	252	18683m	2931.745	ng	
90) Benzo(a)pyrene	15.19	252	35948	5697.326	ng	95
91) Dibenzo(a,h)anthracene	16.61	278	7206	1221.263	ng	# 74
92) Benzo(g,h,i)perylene	17.04	276	21052	3495.544	ng	94

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



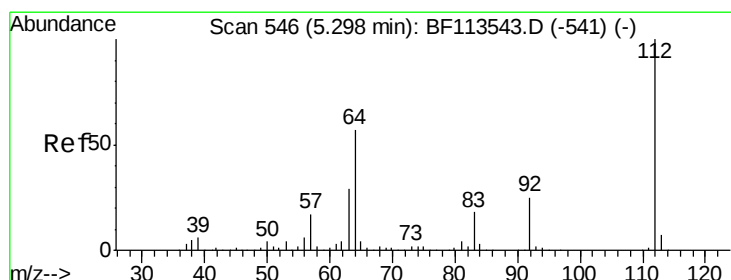
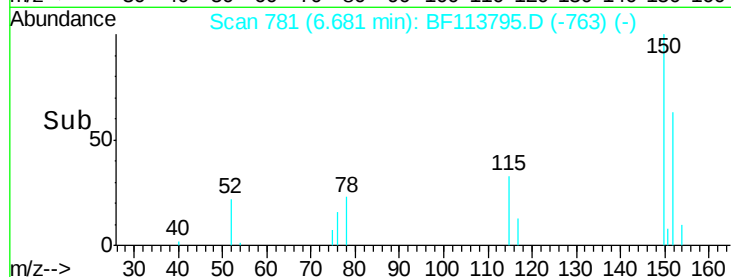
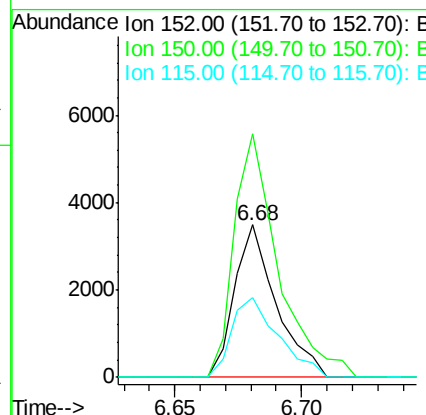
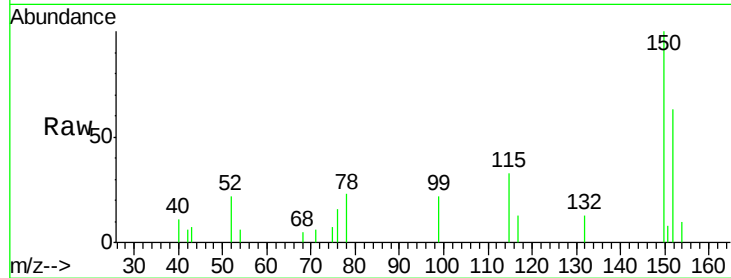
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.1	187.7
115	52.5	43.9	65.9

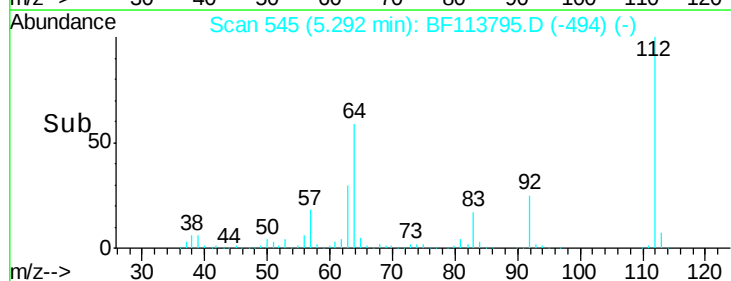
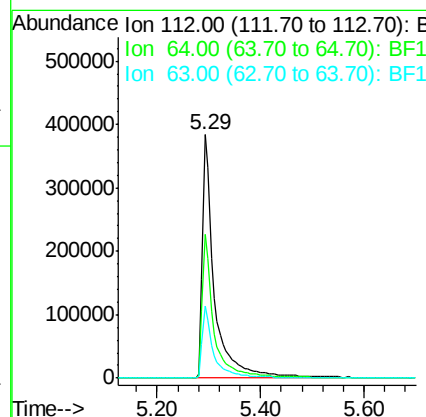
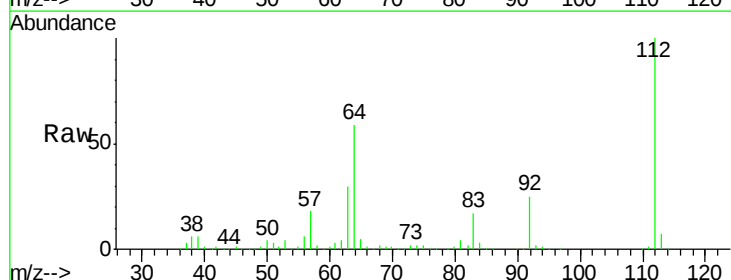
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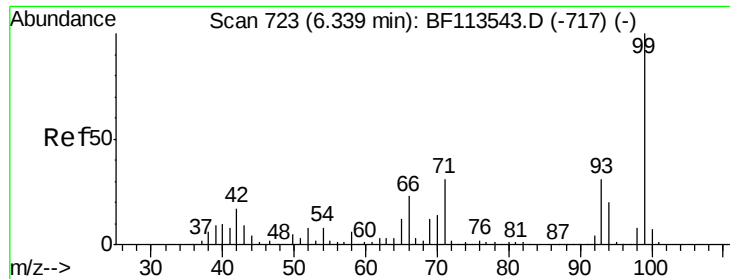
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#5
 2-Fluorophenol
 Concen: 2657.104 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.0	73.4
63	29.8	24.2	36.4





#7

Phenol-d6

Concen: 2842.076 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113795.D

Acq: 16 Apr 2019 15:57

Instrument :

BNA_F

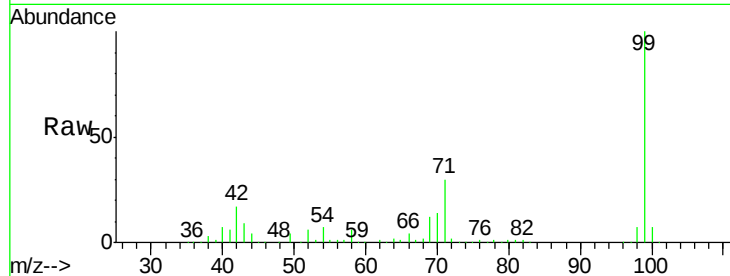
ClientSampled :

TP-14-S

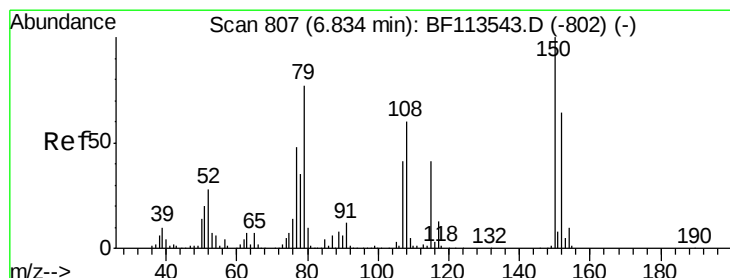
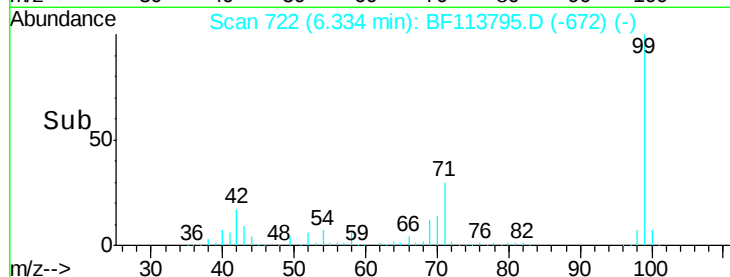
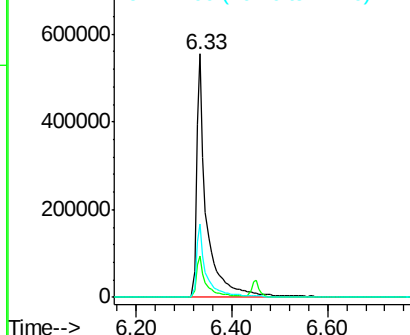
Tgt Ion:	99	Resp:	815105
Ion Ratio	Lower	Upper	
99	100		
42	17.1	15.2	22.8
71	30.3	25.4	38.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 36.819 ng

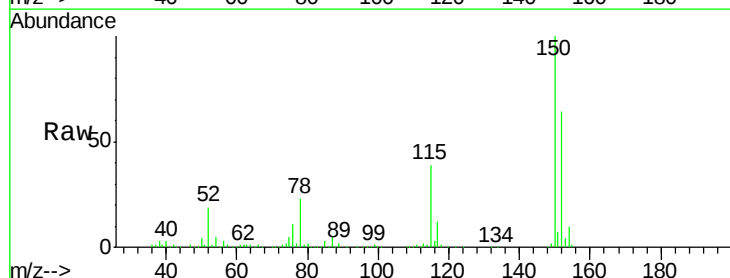
RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

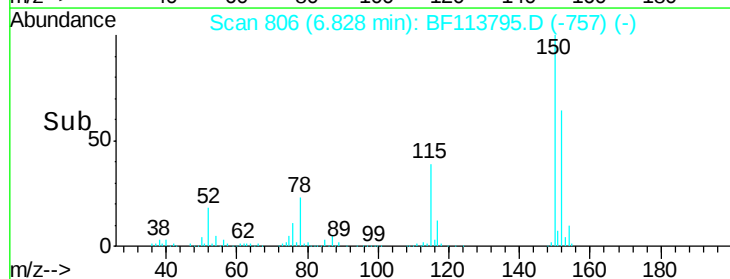
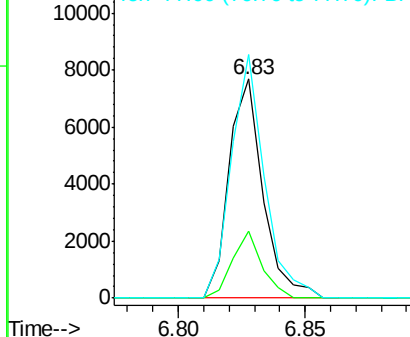
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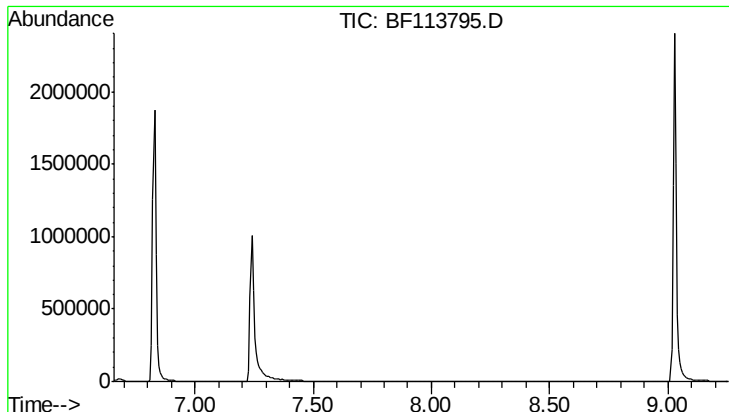
Acq: 16 Apr 2019 15:57

Tgt Ion:	79	Resp:	7140
Ion Ratio	Lower	Upper	
79	100		
108	30.5	66.9	100.3#
77	111.3	50.5	75.7#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 7.96 min

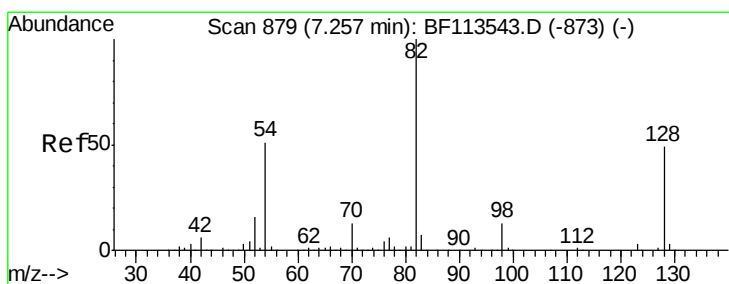
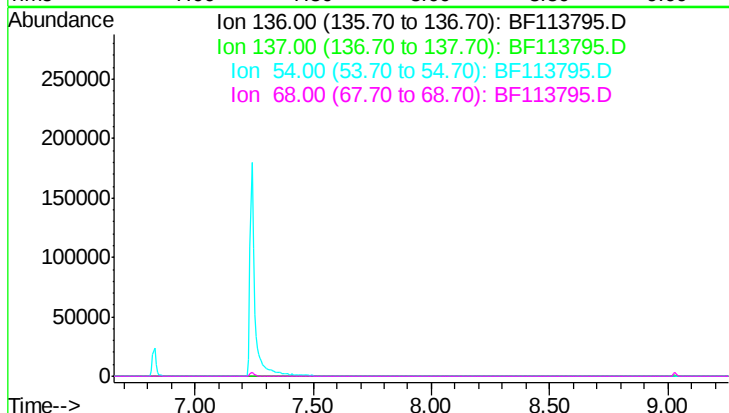
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 8.0
68 5.8

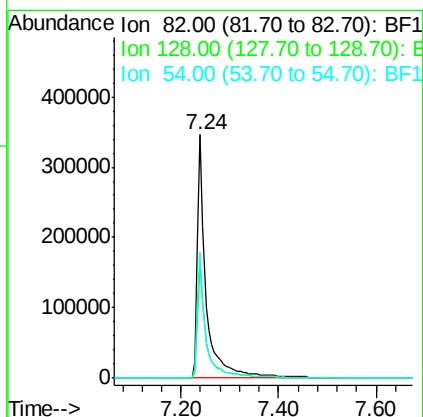
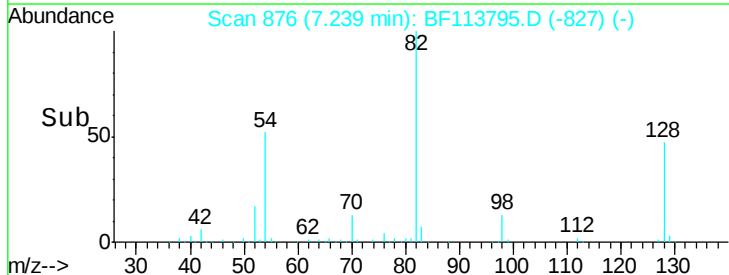
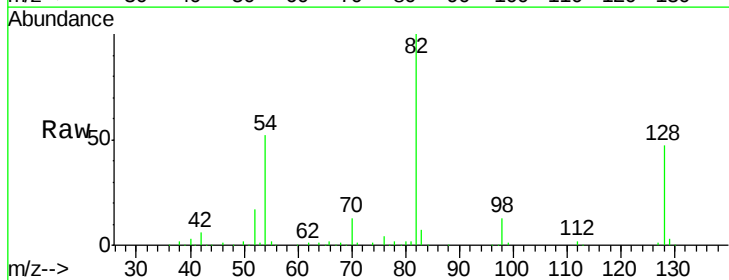
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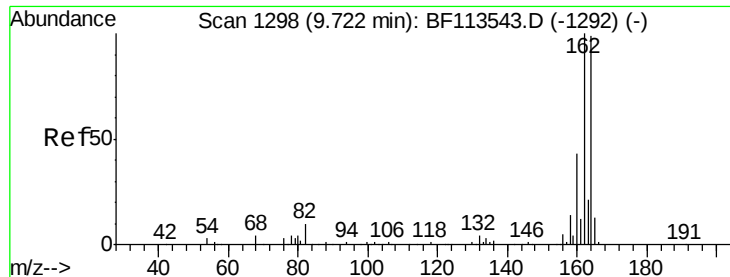
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#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion: 82 Resp: 457019
Ion Ratio Lower Upper
82 100
128 46.8 38.2 57.2
54 51.9 41.0 61.4





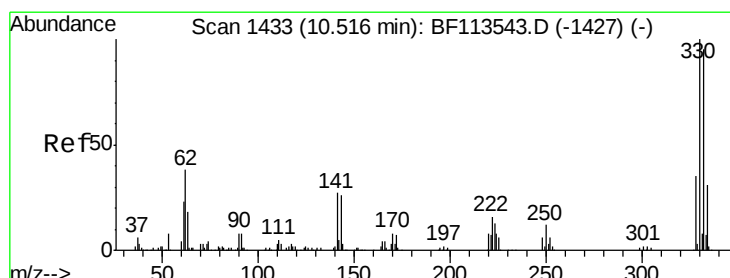
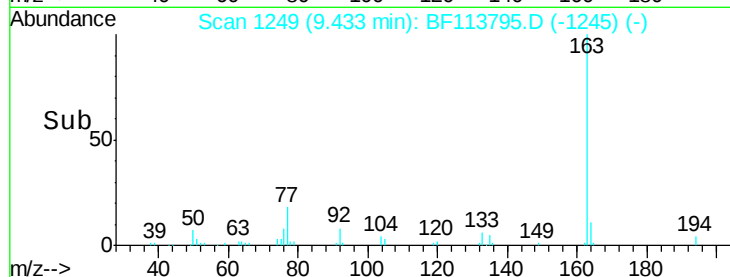
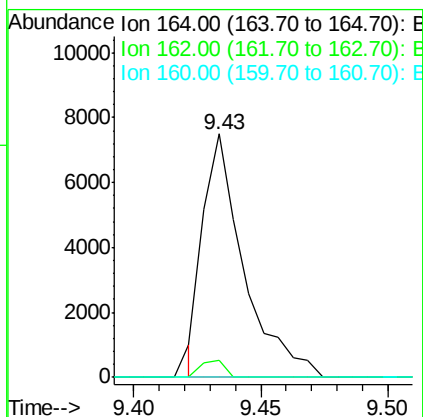
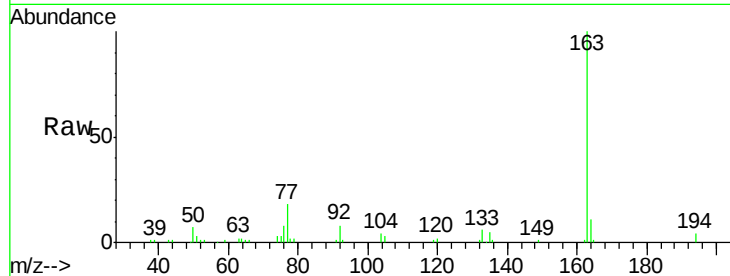
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.28 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampled :
TP-14-S

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	8395		
162	7.0		80.2	120.2#
160	0.0		35.8	53.6#

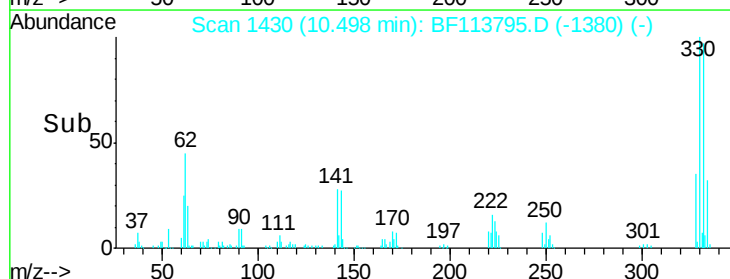
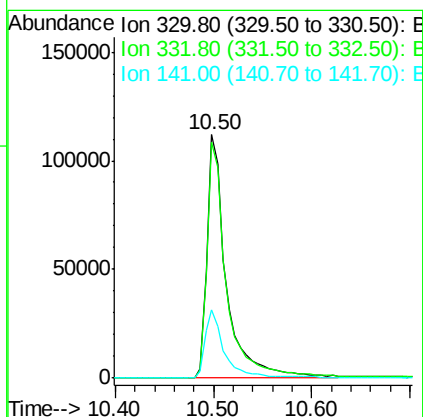
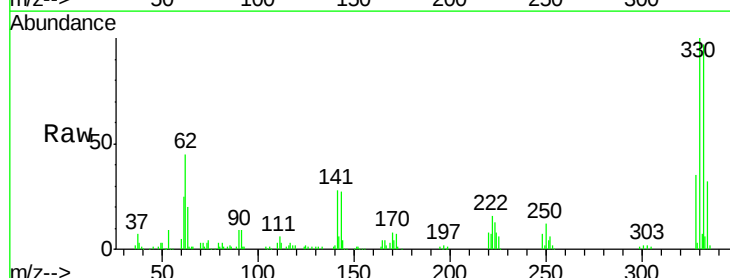
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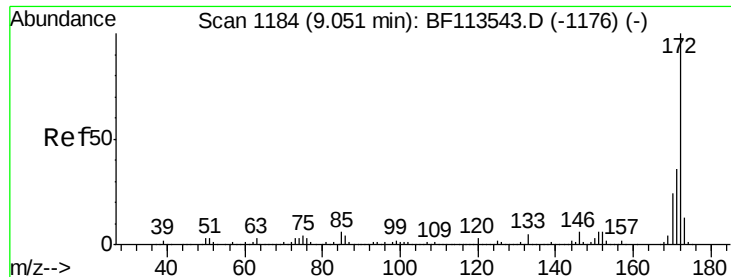
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#42
2,4,6-Tribromophenol
Concen: 1545.510 ng m
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155856		
332	0.0		76.8	115.2#
141	0.0		21.0	31.4#





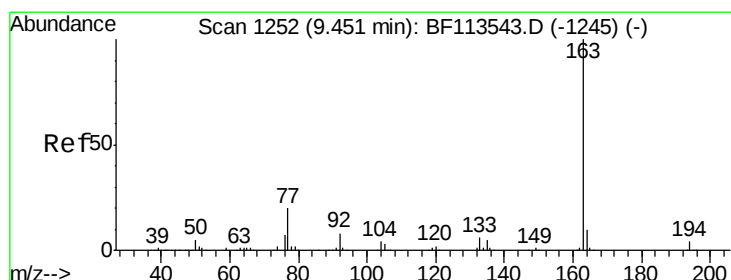
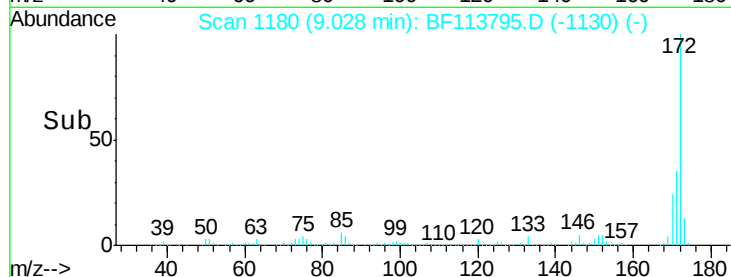
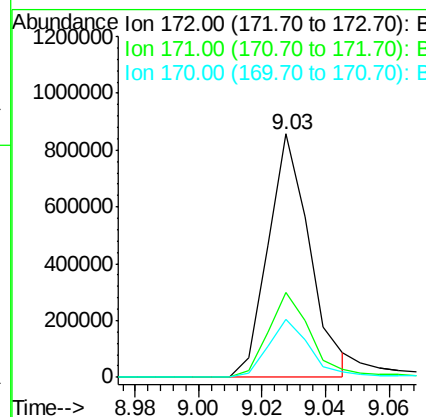
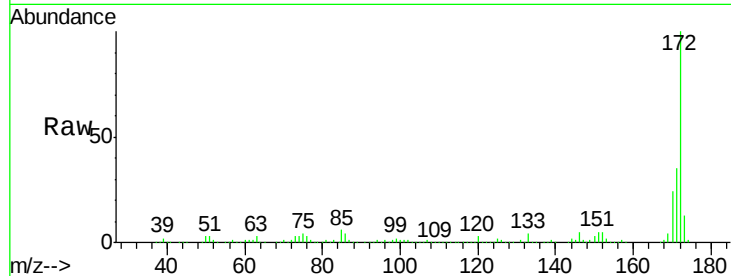
#45
2-Fluorobiphenyl
Concen: 1503.867 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampled :
TP-14-S

Tgt Ion:	172	Resp:	784212
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.3	43.9
170	23.7	19.6	29.4

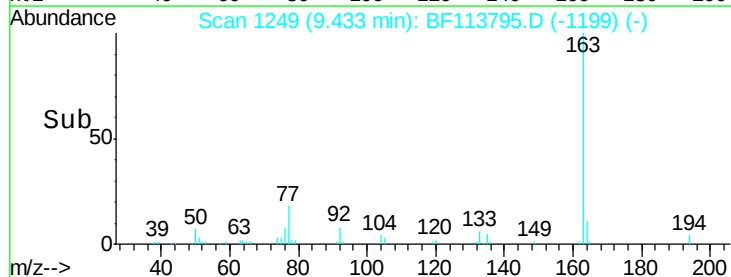
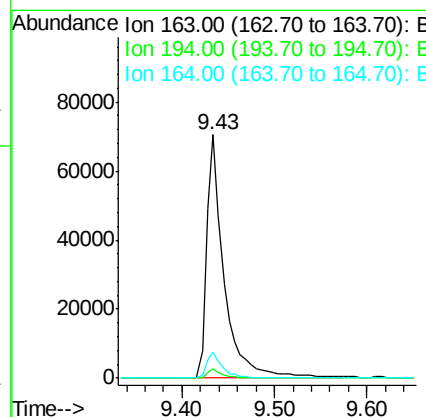
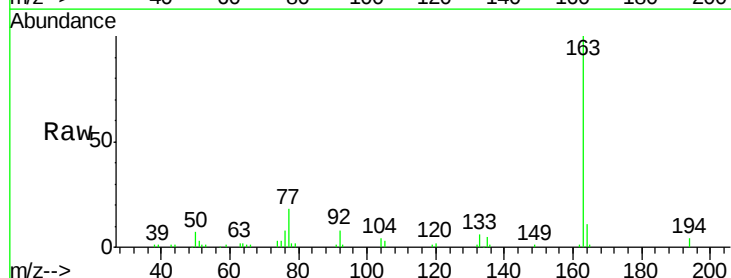
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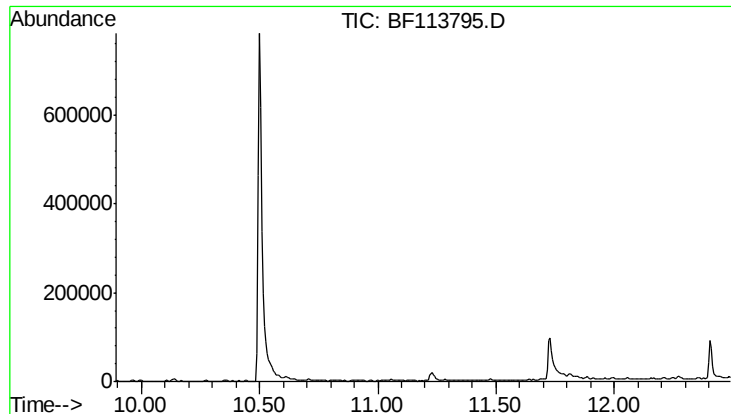
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#50
Dimethylphthalate
Concen: 150.122 ng m
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion:	163	Resp:	92899
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	10.6	8.3	12.5





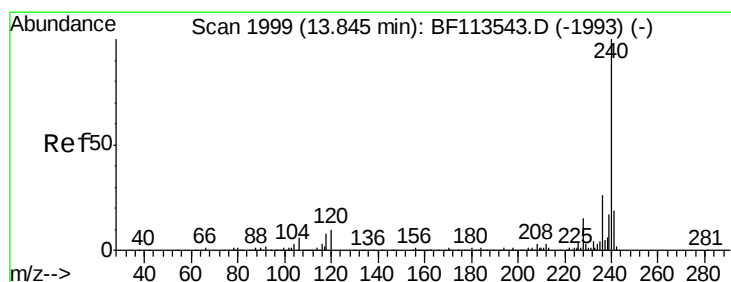
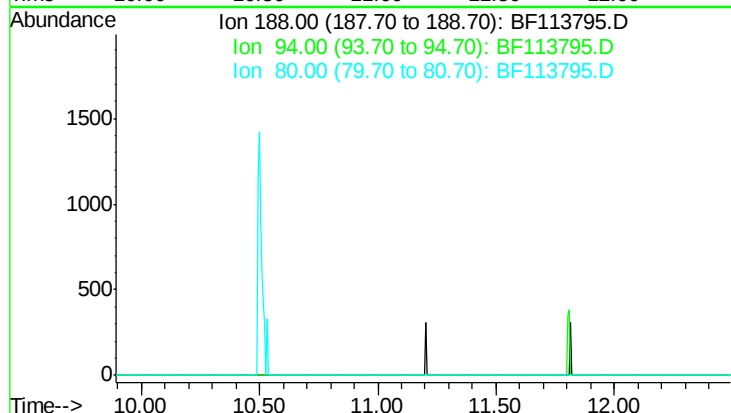
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.19 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 9.0
 80 9.3

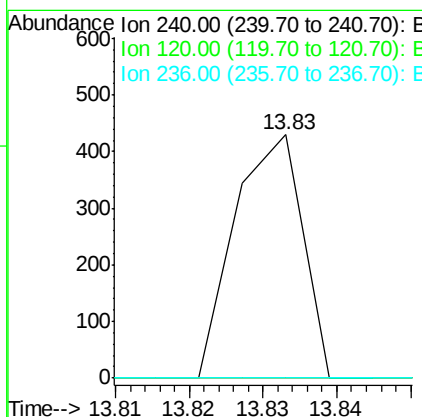
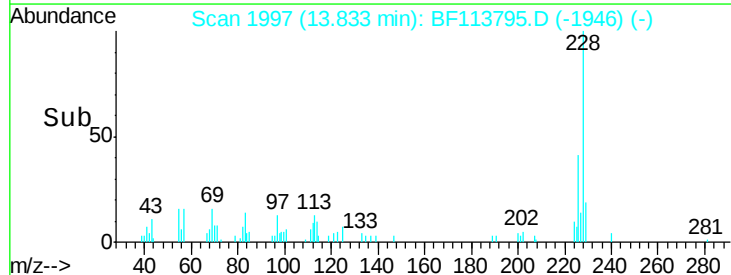
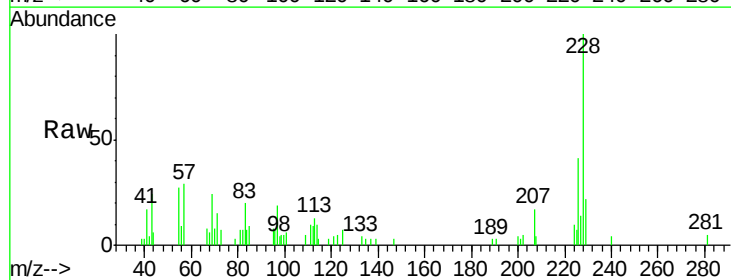
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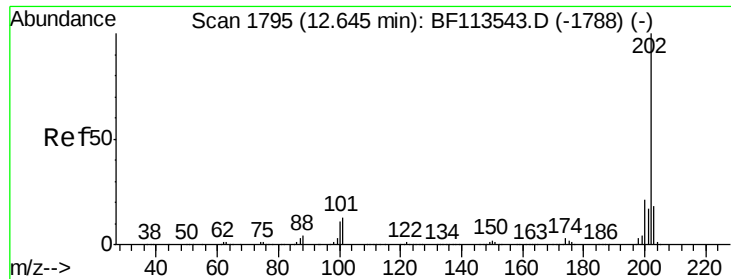
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#76
 Chrysene-d12
 Concen: 20.000 ng m
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Tgt Ion: 240 Resp: 273
 Ion Ratio Lower Upper
 240 100
 120 0.0 8.5 12.7#
 236 0.0 21.0 31.6#





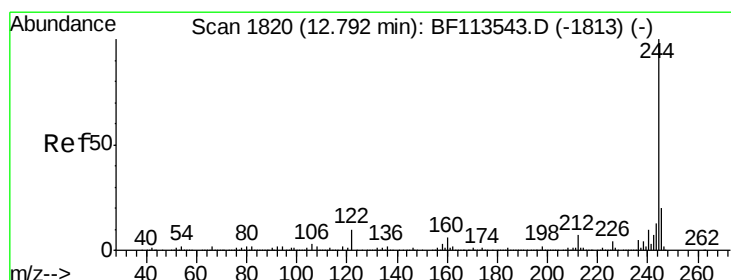
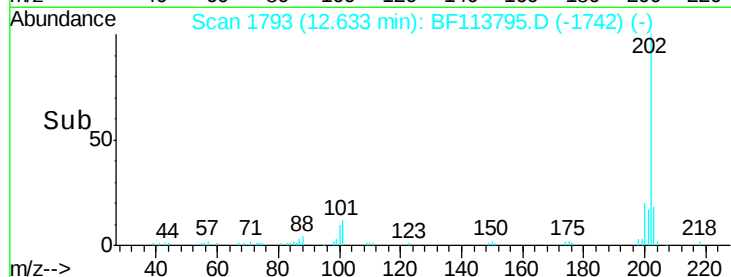
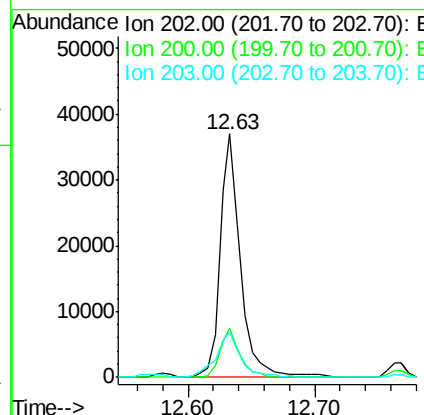
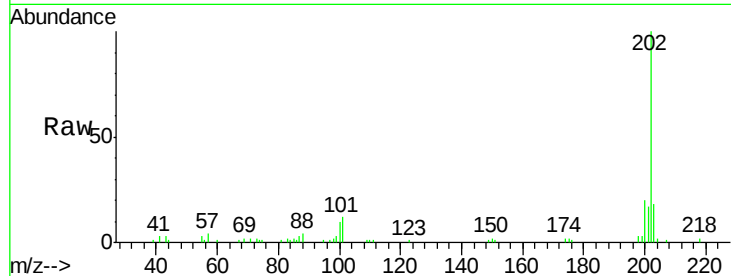
#78
 Pyrene
 Concen: 2003.104 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Instrument :
 BNA_F
 ClientSampleID :
 TP-14-S

Tgt Ion:	202	Resp:	41609
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.1	25.7
203	18.3	14.7	22.1

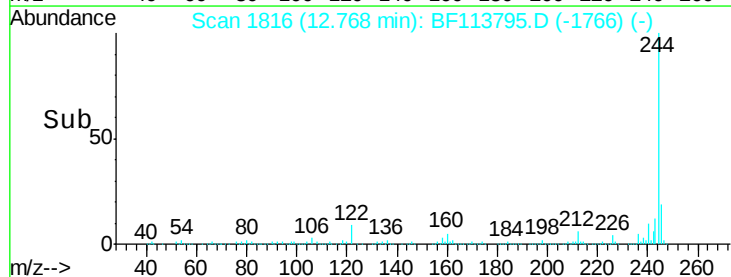
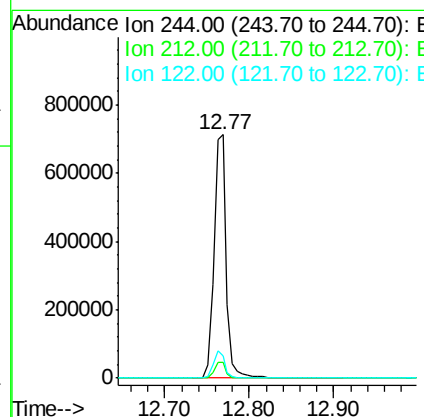
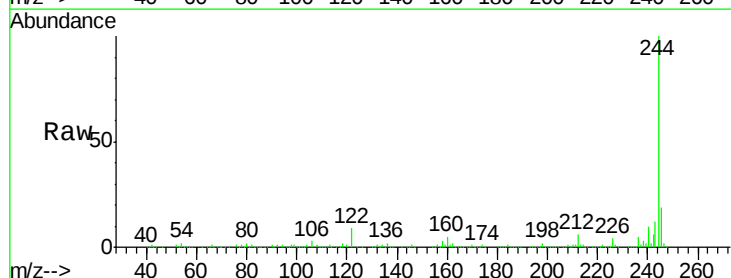
Manual Integrations
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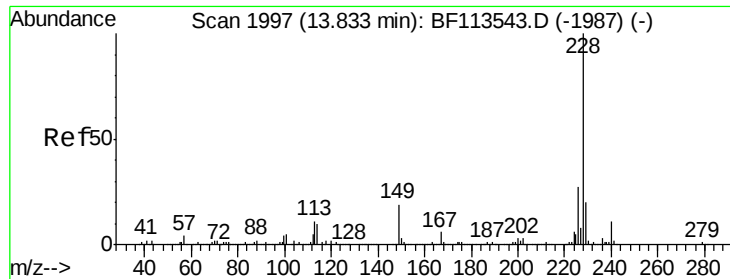
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 4/17/2019 3:45:35 PM



#79
 Terphenyl-d14
 Concen: 54147.197 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113795.D
 Acq: 16 Apr 2019 15:57

Tgt Ion:	244	Resp:	726035
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.2
122	9.2	9.0	13.6





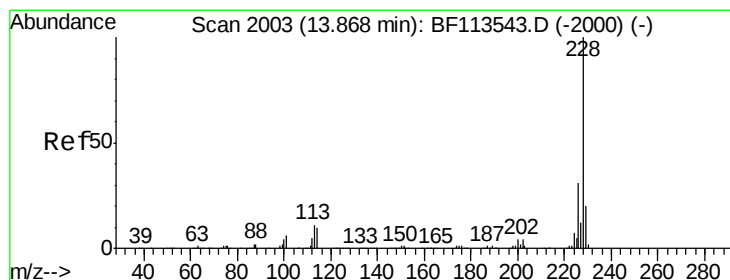
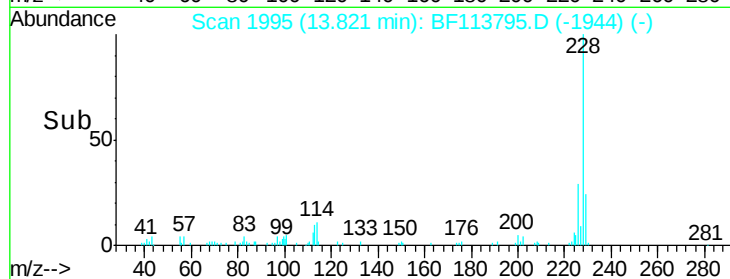
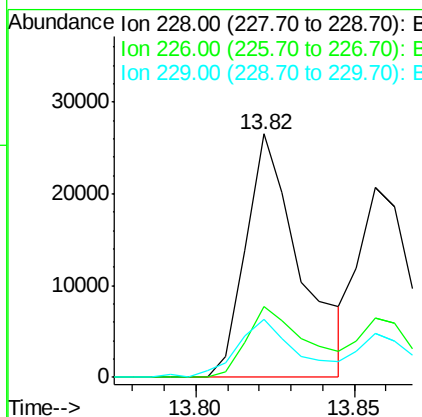
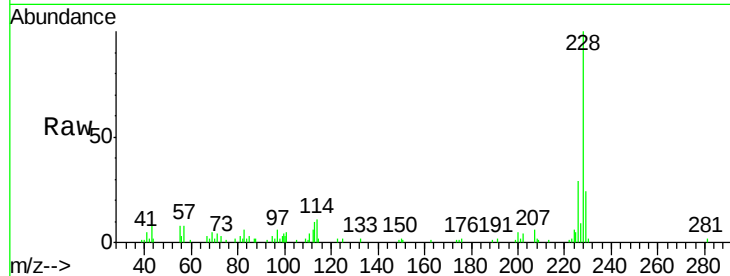
#81
Benzo(a)anthracene
Concen: 1992.682 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.1	33.1
229	23.6	16.4	24.6

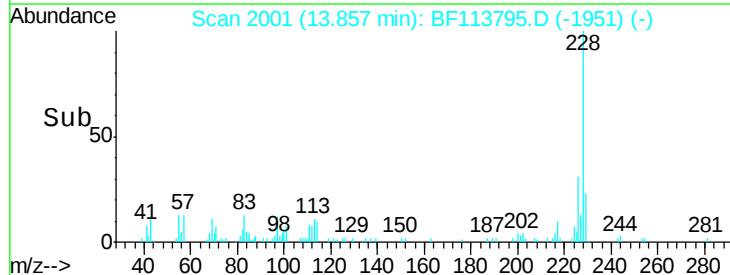
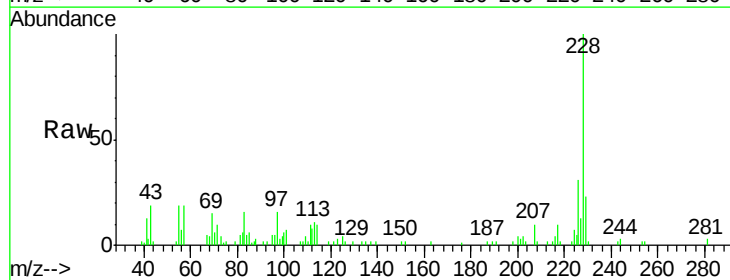
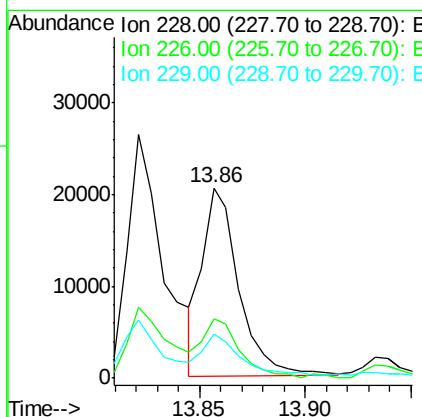
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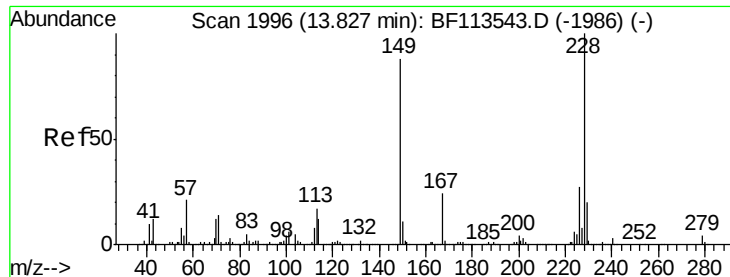
Sohil
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#83
Chrysene
Concen: 1548.908 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	22.8	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 336.587 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF113795.D

Acq: 16 Apr 2019 15:57

Instrument :

BNA_F

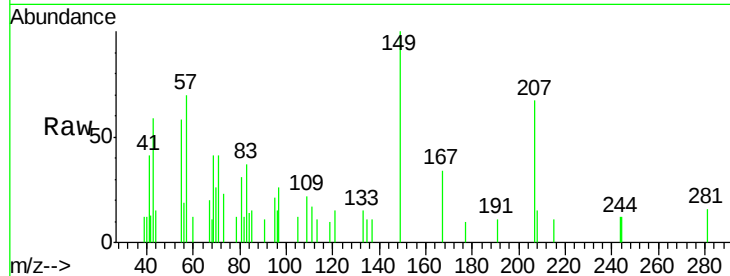
ClientSampled :

TP-14-S

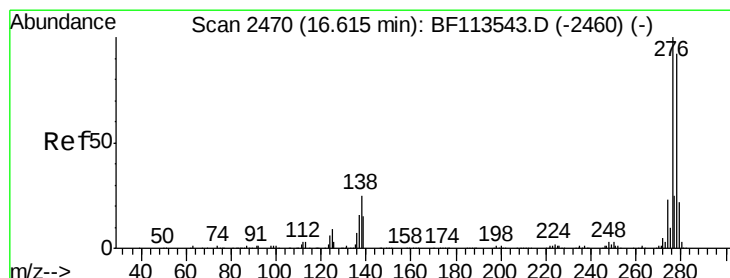
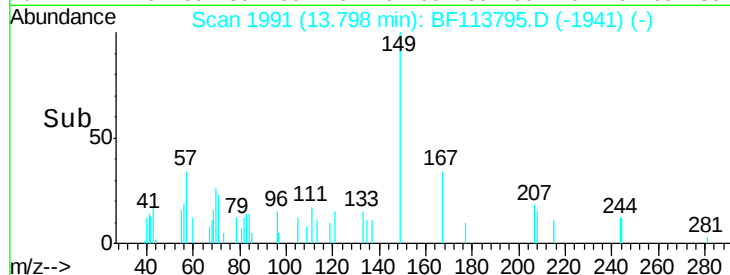
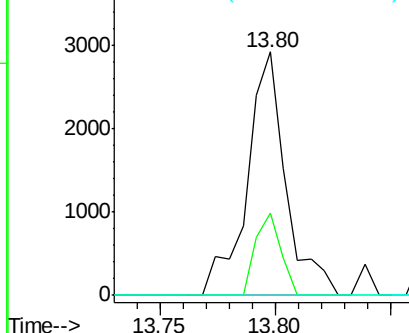
Tgt Ion:	149	Resp:	3441
Ion Ratio	Lower	Upper	
149	100		
167	33.6	22.6	34.0
279	0.0	3.7	5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 1663.632 ng

RT: 16.63 min Scan# 2472

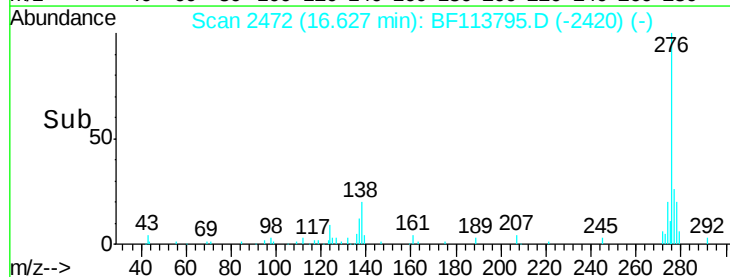
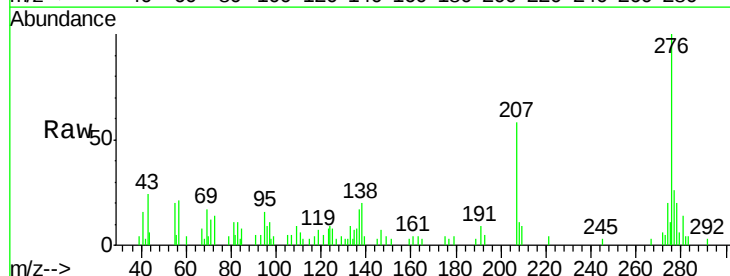
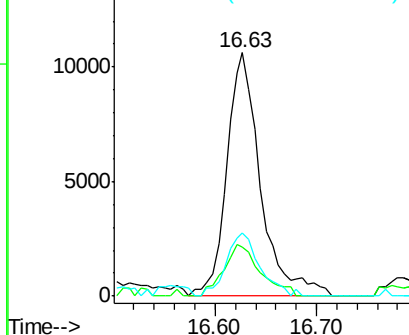
Delta R.T. 0.01 min

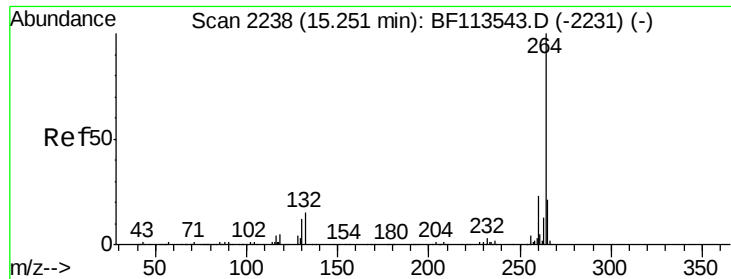
Lab File: BF113795.D

Acq: 16 Apr 2019 15:57

Tgt Ion:	276	Resp:	24521
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.4	27.6
277	25.7	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





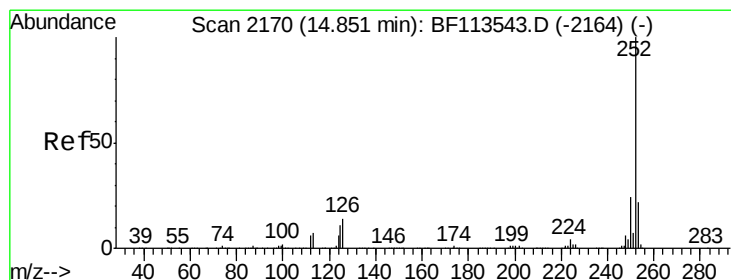
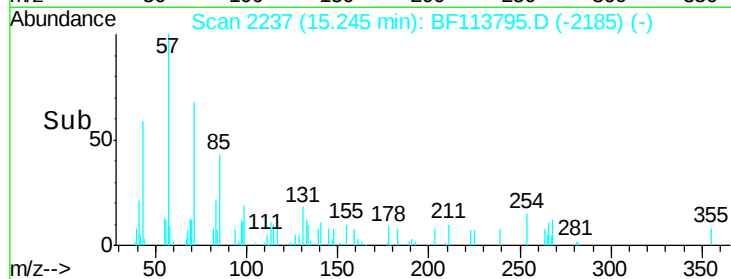
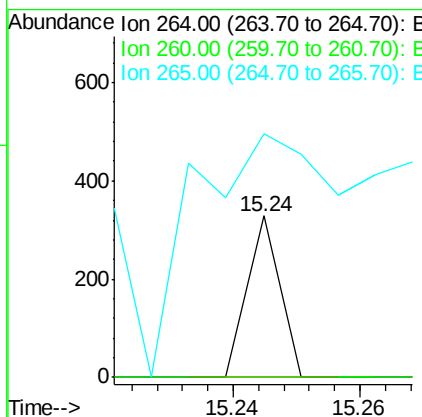
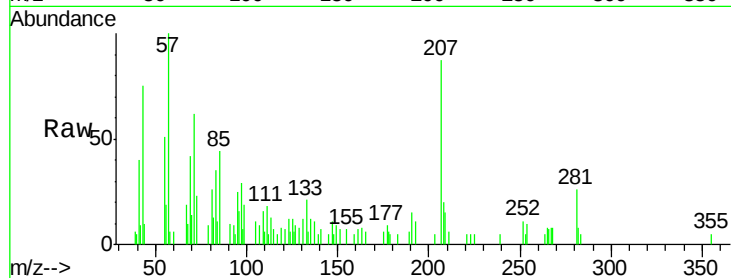
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.0	28.6#
265	151.2	17.4	26.0#

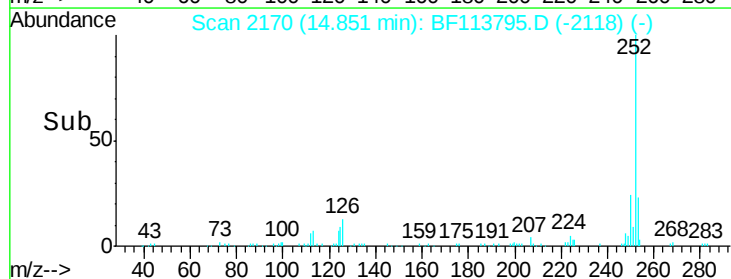
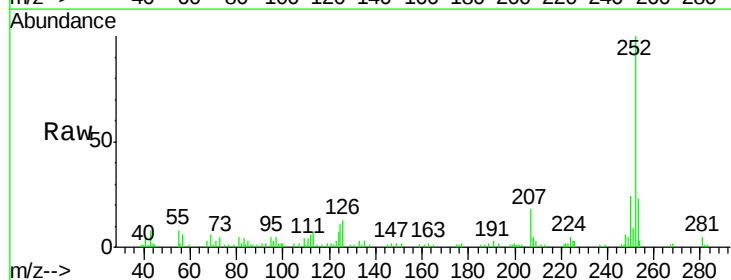
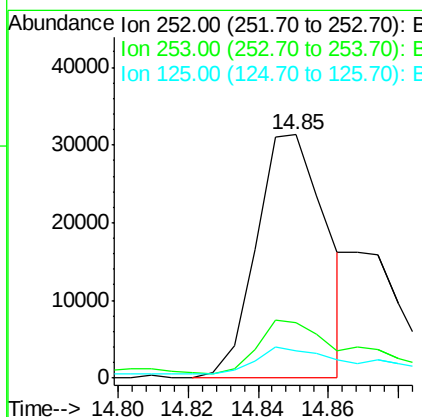
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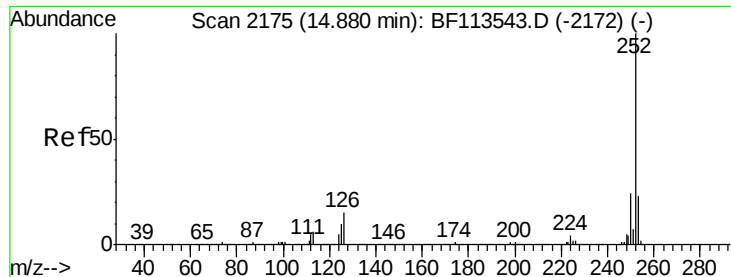
Sohil
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#88
Benzo(b)fluoranthene
Concen: 6126.634 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.3	8.3	12.5





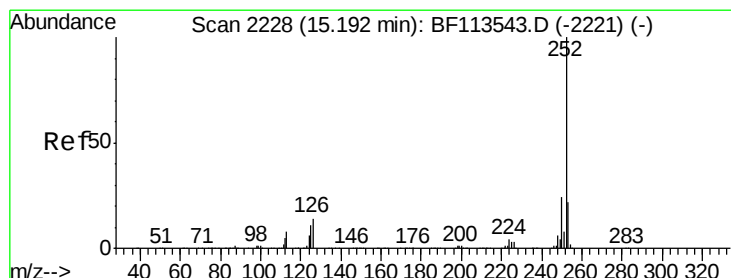
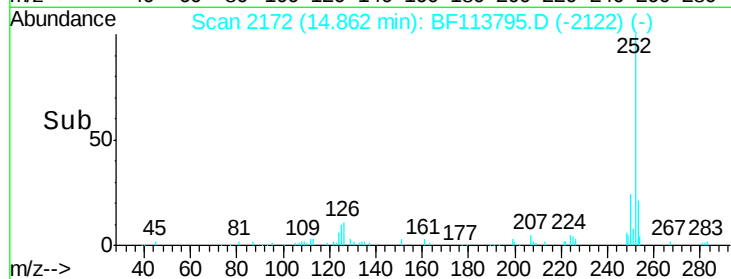
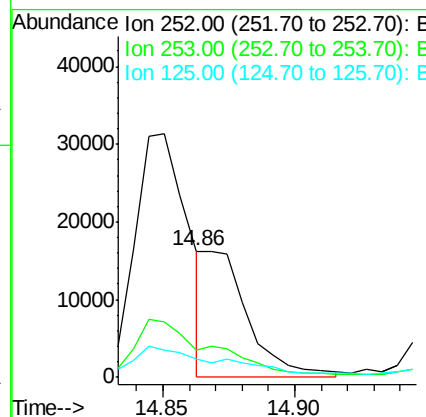
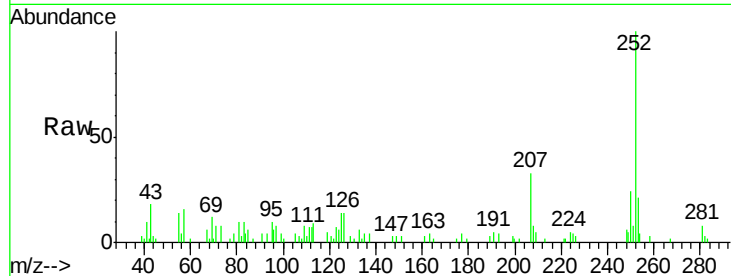
#89
Benzo(k)fluoranthene
Concen: 2931.745 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	14.2	8.7	13.1

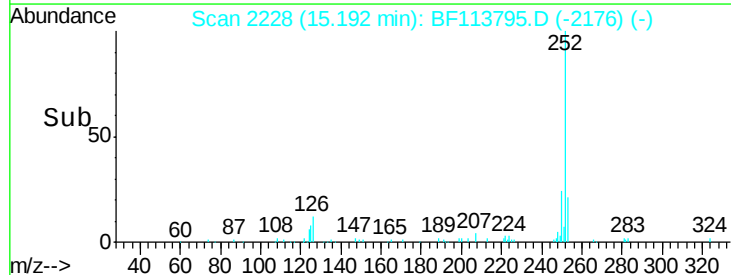
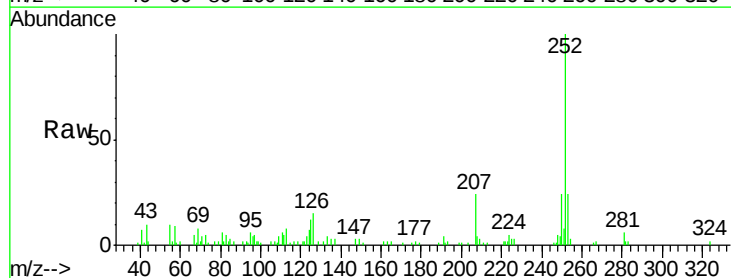
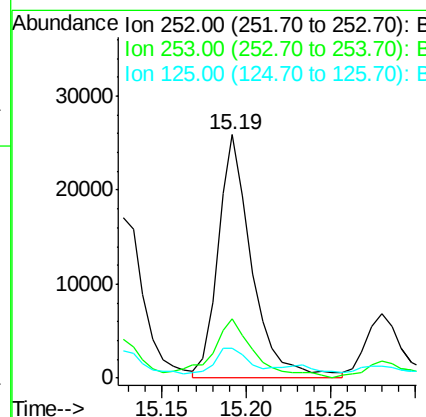
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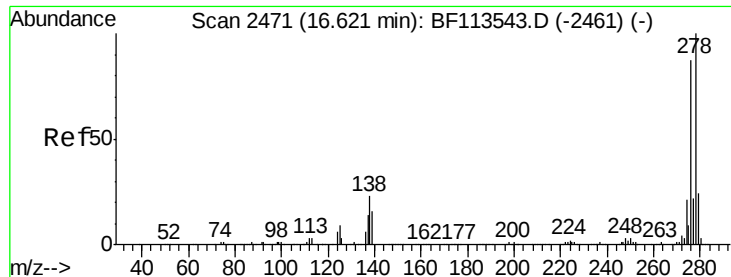
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#90
Benzo(a)pyrene
Concen: 5697.326 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	12.1	8.5	12.7





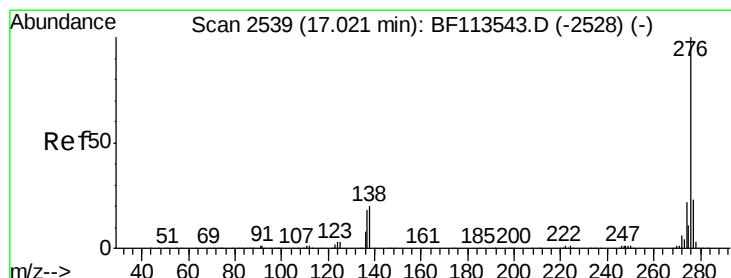
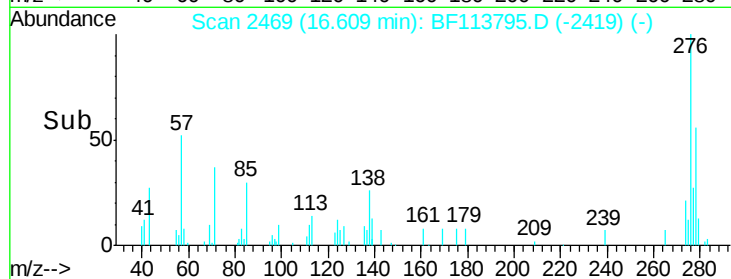
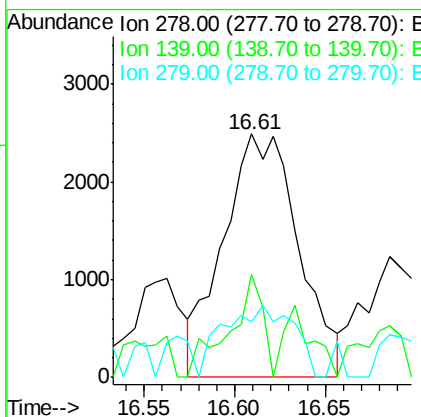
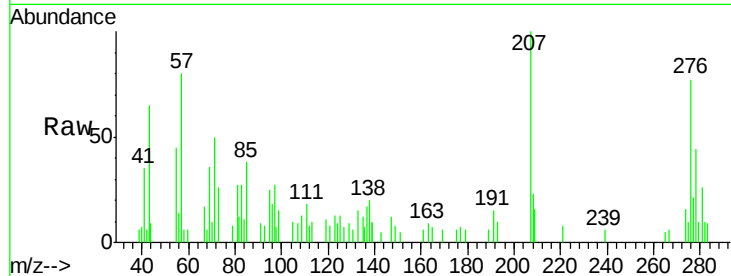
#91
Dibenzo(a,h)anthracene
Concen: 1221.263 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.1	12.6	19.0#
279	23.0	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 3495.544 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF113795.D
Acq: 16 Apr 2019 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.2	28.8
138	21.9	16.0	24.0

