

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118405.D
 Acq On : 31 Dec 2019 15:09
 Operator : JU
 Sample : K6465-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)

Manual Integrations
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Quant Time: Jan 01 00:57:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86376	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	340181	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	194625	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	354409	20.00	ng	0.00
76) Chrysene-d12	14.05	240	242776	20.00	ng	0.00
87) Perylene-d12	15.54	264	227867	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	422370	83.47	ng	0.01
7) Phenol-d6	6.49	99	555063	88.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	360414	60.60	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	194972	81.12	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	715192	56.09	ng	0.00
79) Terphenyl-d14	12.99	244	804802	55.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	44828	3.068	ng	96
71) Phenanthrene	11.42	178	69854	3.616	ng	95
75) Fluoranthene	12.62	202	145304	7.452	ng	97
78) Pyrene	12.84	202	119961	6.051	ng	99
81) Benzo(a)anthracene	14.04	228	48380	2.847	ng	98
83) Chrysene	14.08	228	46192	2.839	ng	98
88) Benzo(b)fluoranthene	15.11	252	48497m	3.206	ng	
90) Benzo(a)pyrene	15.49	252	35308	2.650	ng	95

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

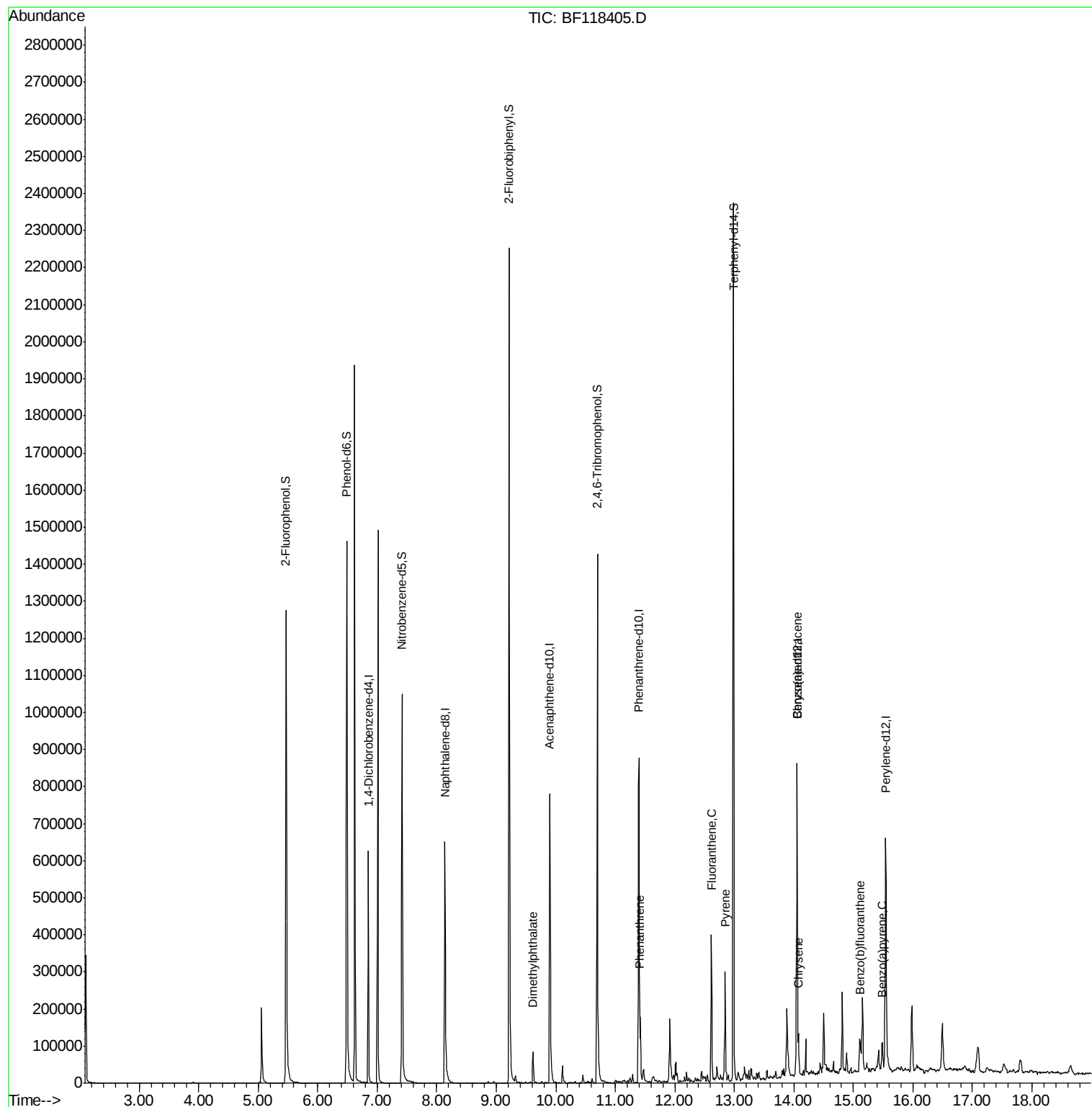
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118405.D
Acq On : 31 Dec 2019 15:09
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

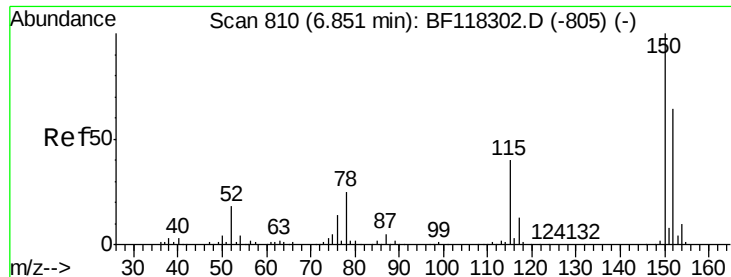
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)

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QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Instrument :

BNA_F

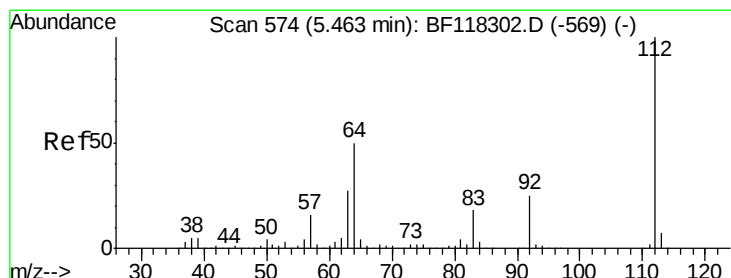
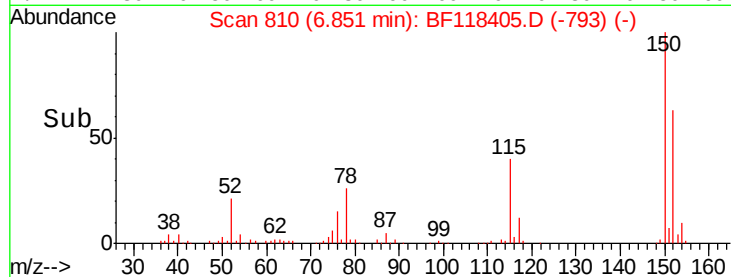
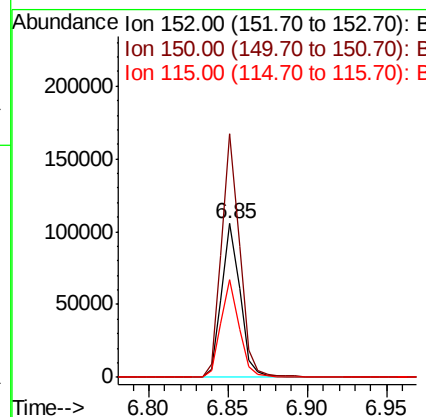
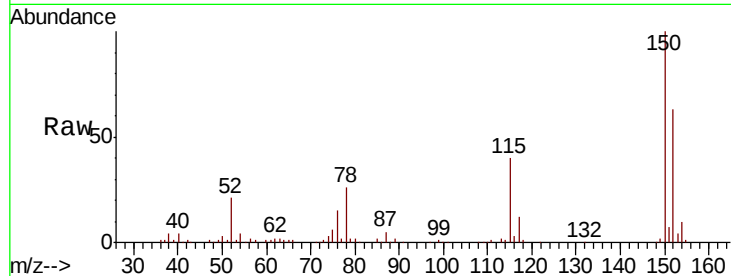
ClientSampled :

GP-9-(8-10)

Tot Ion:	152	Resp:	86376
Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.4	188.2
115	63.4	50.2	75.4

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#5

2-Fluorophenol

Concen: 83.470 ng

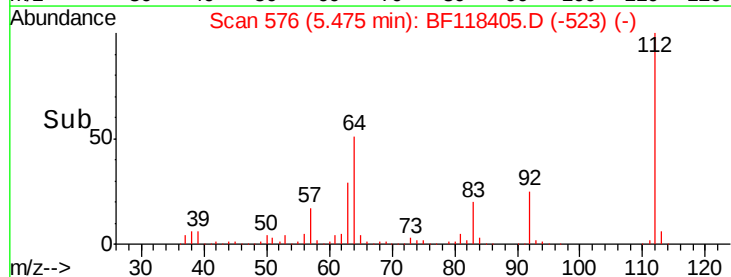
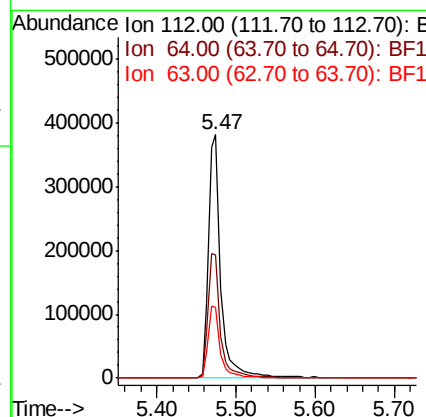
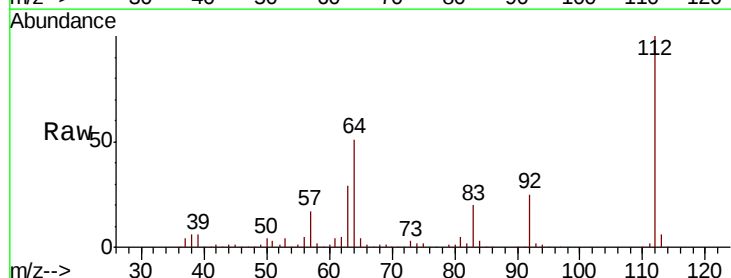
RT: 5.47 min Scan# 576

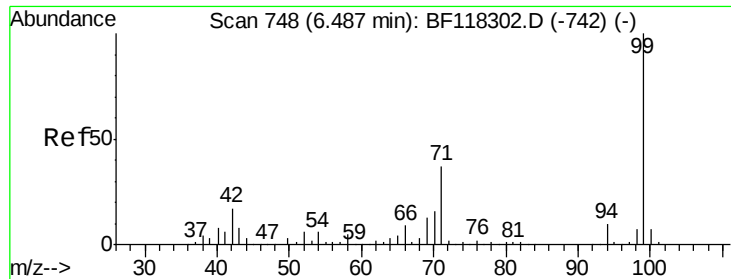
Delta R.T. 0.01 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Tgt Ion:	112	Resp:	422370
Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.7	59.5
63	29.1	21.7	32.5





#7

Phenol-d6

Concen: 88.425 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Instrument :

BNA_F

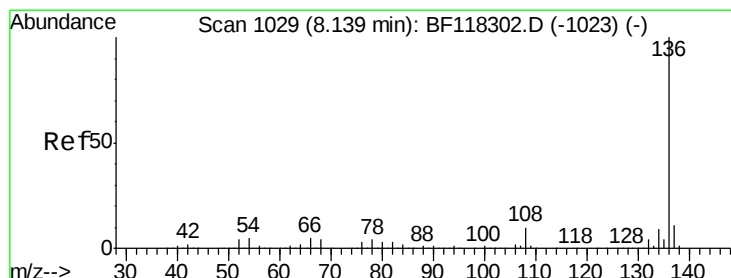
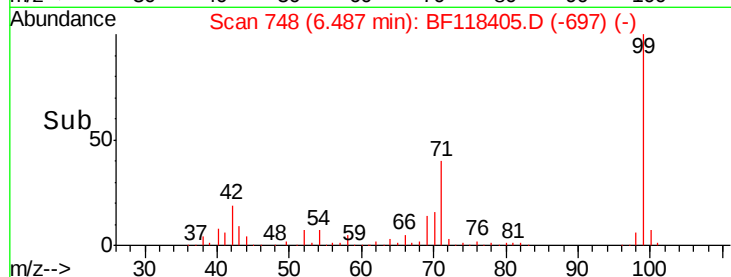
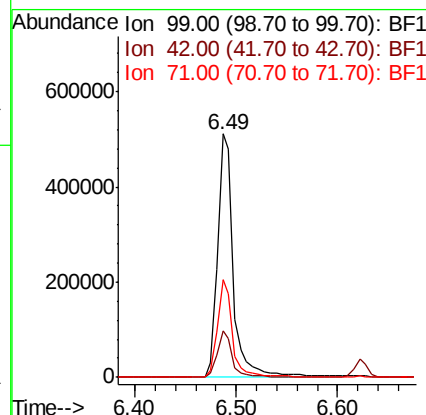
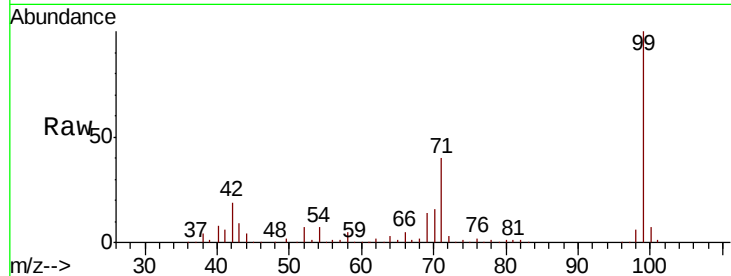
ClientSampleId :

GP-9-(8-10)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		555063		
42	19.2	13.5	20.3		
71	39.9	29.4	44.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

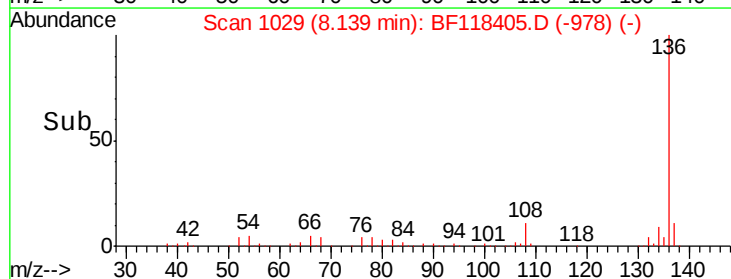
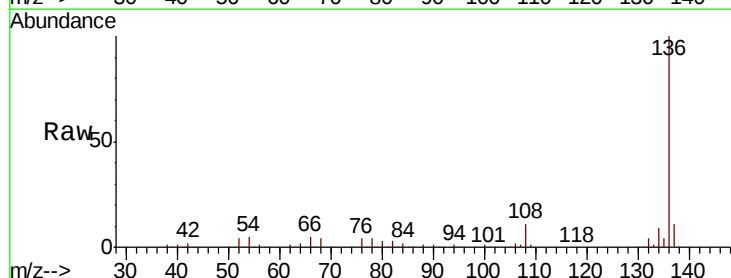
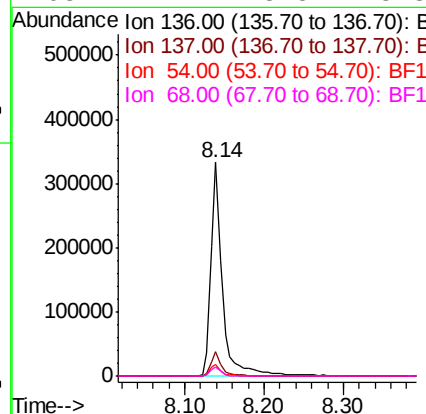
RT: 8.14 min Scan# 1029

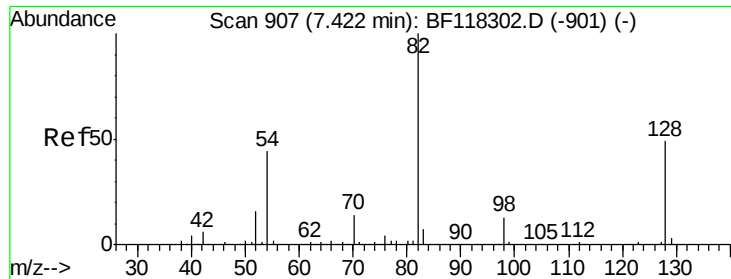
Delta R.T. 0.00 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		340181		
137	11.1	8.9	13.3		
54	5.4	4.2	6.4		
68	4.2	3.5	5.3		





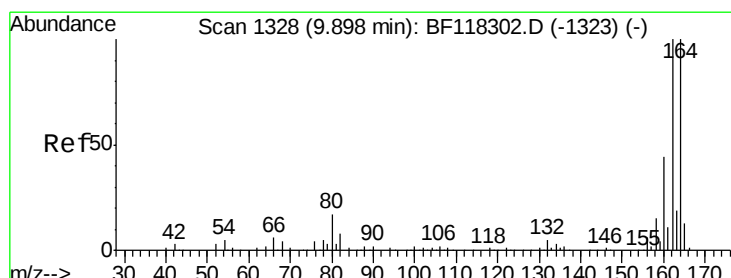
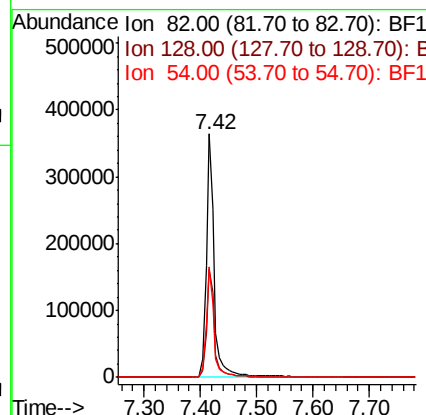
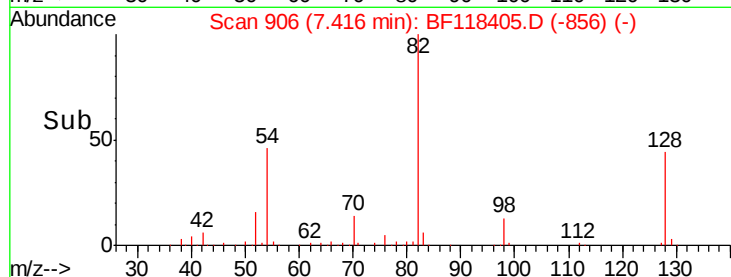
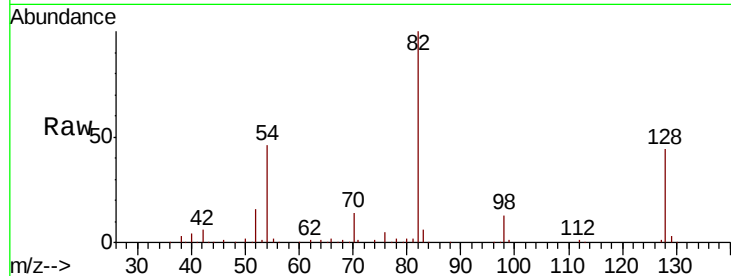
#23
Nitrobenzene-d5
Concen: 60.597 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	39.6	59.4
54	45.5	34.9	52.3

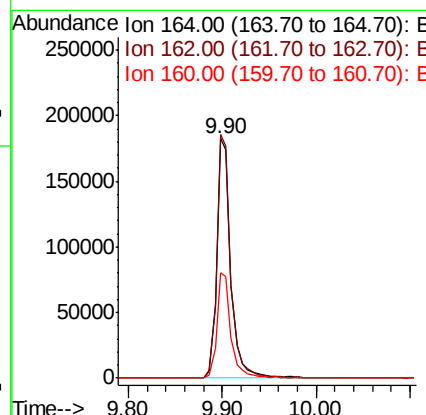
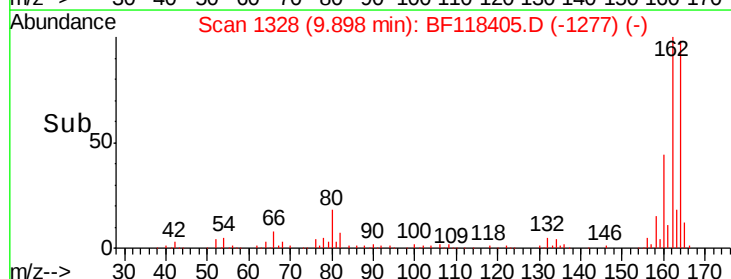
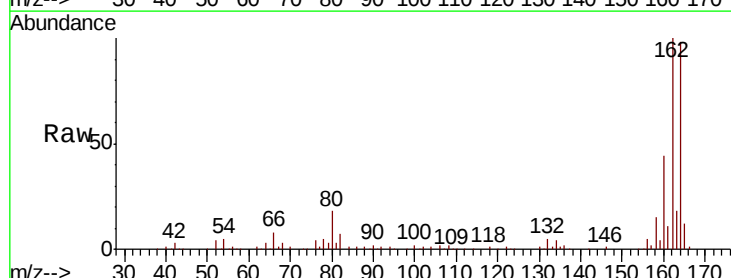
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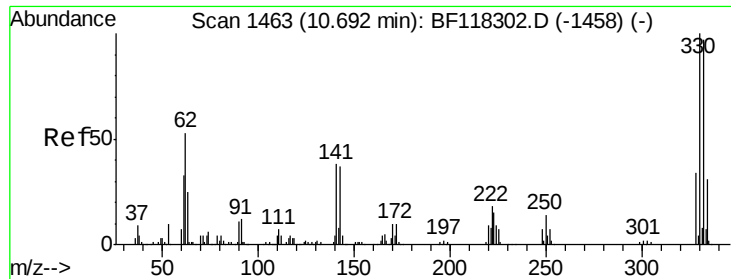
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.0	120.0
160	44.2	34.8	52.2





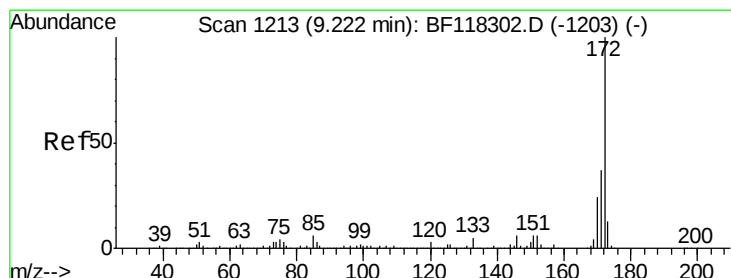
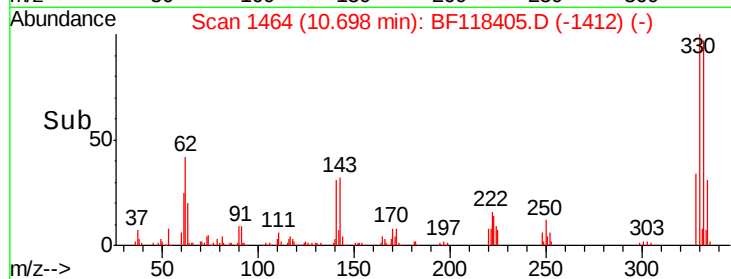
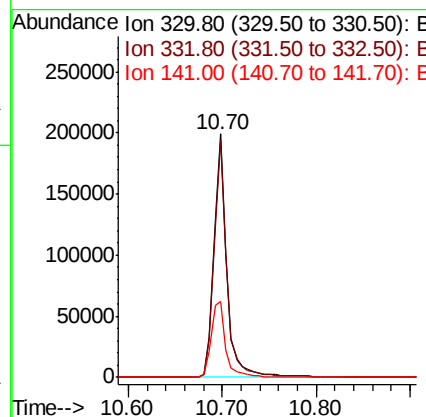
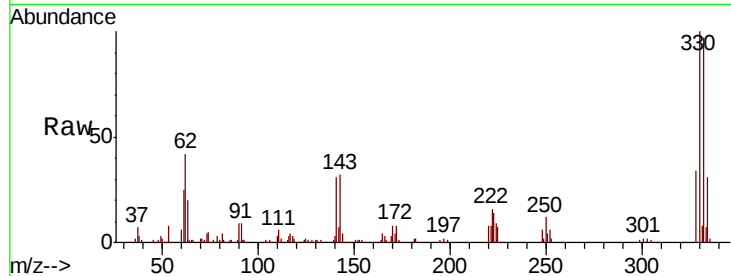
#42
 2,4,6-Tribromophenol
 Concen: 81.121 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Instrument :
 BNA_F
 ClientSampled :
 GP-9-(8-10)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194972		
332	97.1	76.6	114.8	
141	34.8	26.0	39.0	

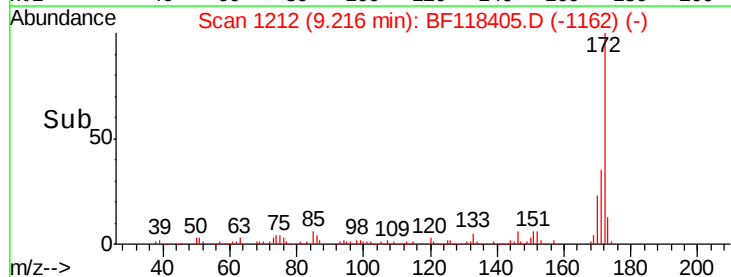
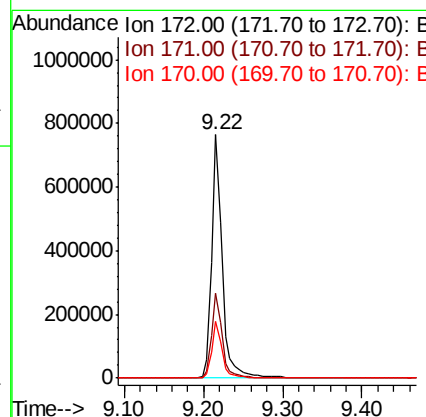
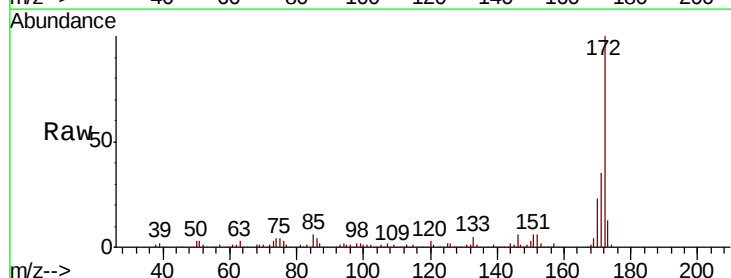
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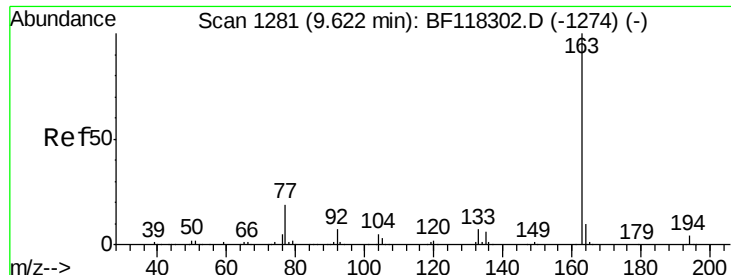
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#45
 2-Fluorobiphenyl
 Concen: 56.093 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	715192		
171	34.9	29.3	43.9	
170	23.2	19.2	28.8	





#50

Dimethylphthalate

Concen: 3.068 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Instrument :

BNA_F

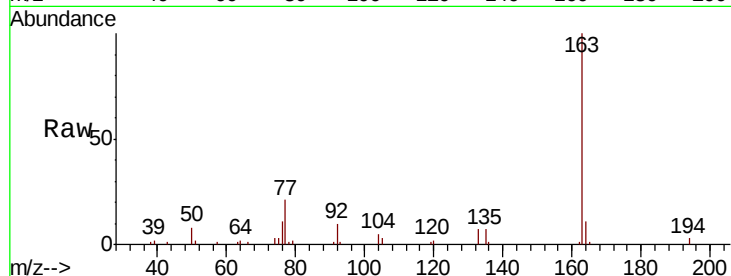
ClientSampled :

GP-9-(8-10)

Tot Ion:	163	Resp:	44828
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.2	4.8
164	11.4	7.9	11.9

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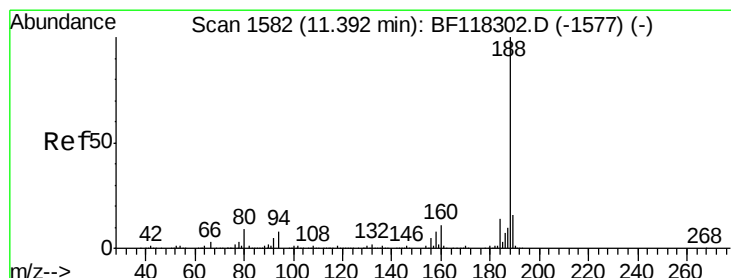
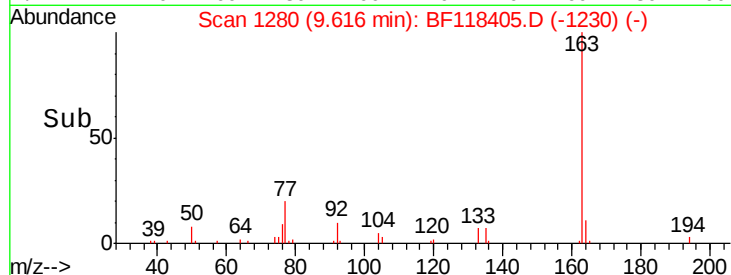
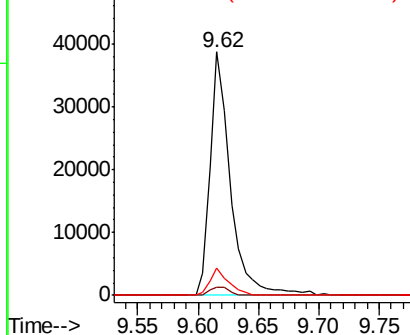


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

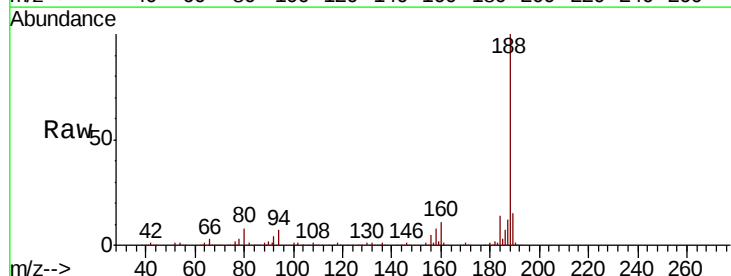
RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118405.D

Acq: 31 Dec 2019 15:09

Tgt Ion:	188	Resp:	354409
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.7	10.1
80	7.5	7.2	10.8

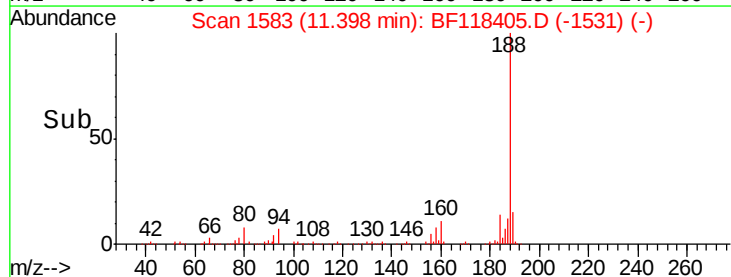
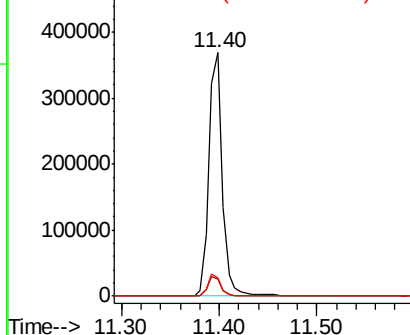


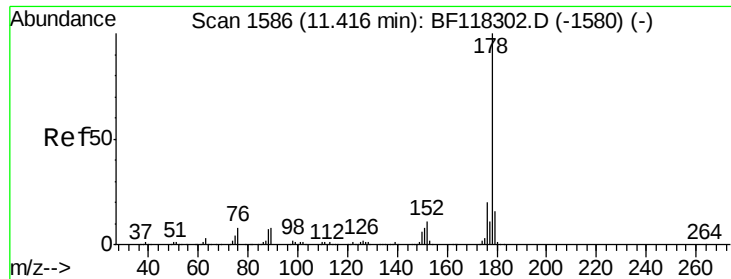
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





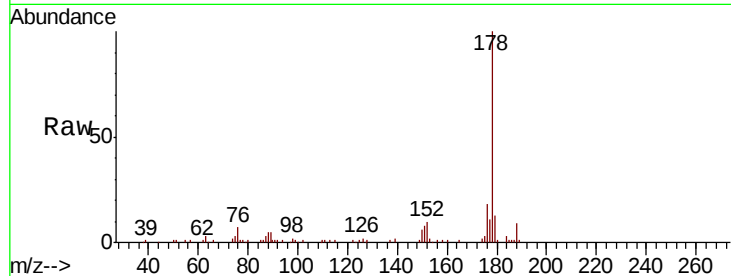
#71
Phenanthrene
Concen: 3.616 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Instrument :
BNA_F
ClientSampled :
GP-9-(8-10)

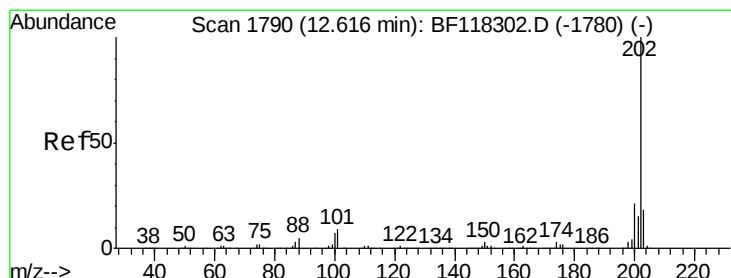
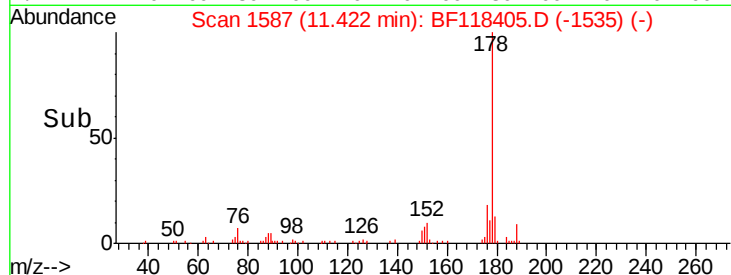
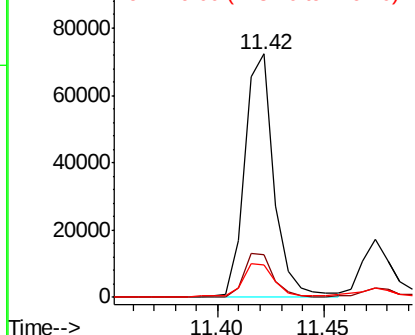
Tot Ion:	178	Resp:	69854
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.6	23.4
179	13.3	12.6	19.0

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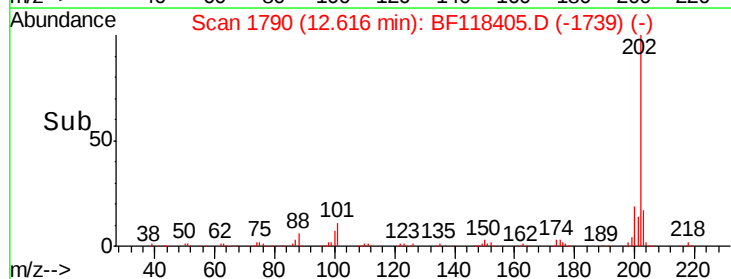
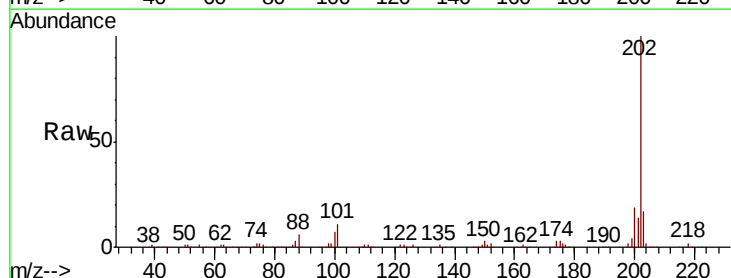
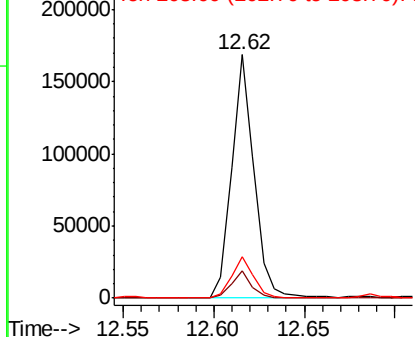
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

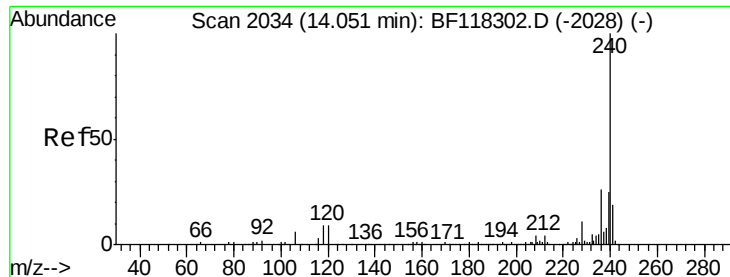


#75
Fluoranthene
Concen: 7.452 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Tgt Ion:	202	Resp:	145304
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.5
203	16.8	0.0	37.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





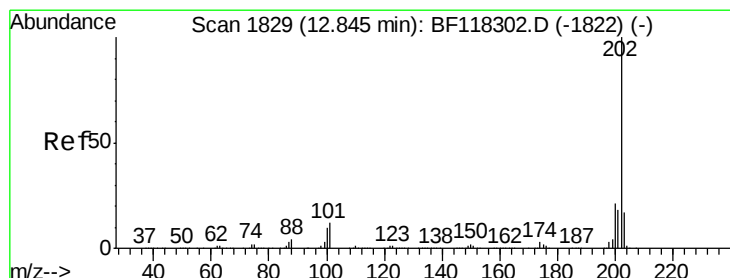
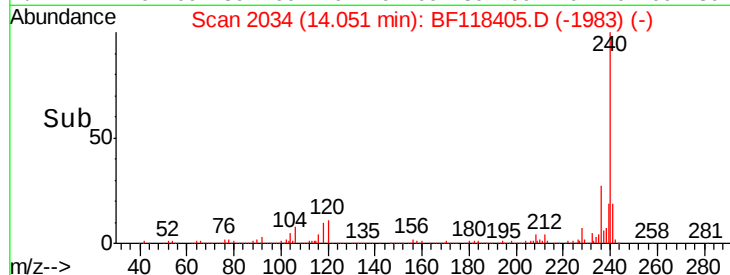
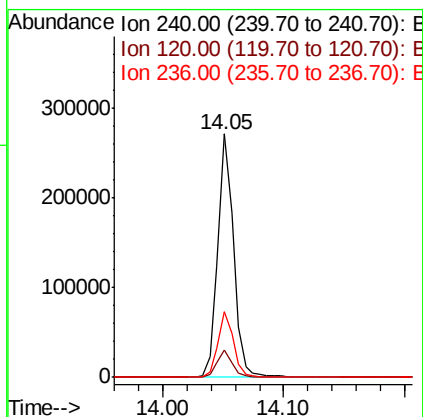
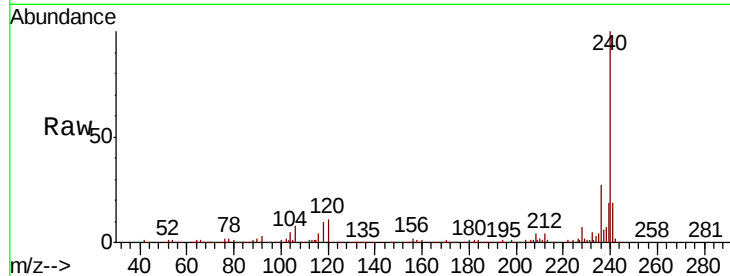
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7
236	26.9	21.0	31.6

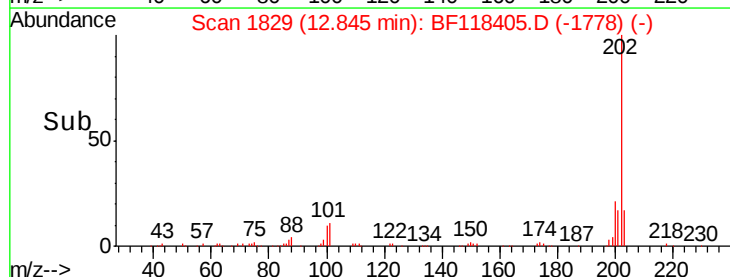
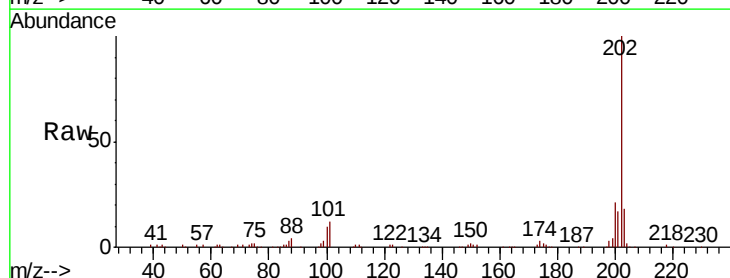
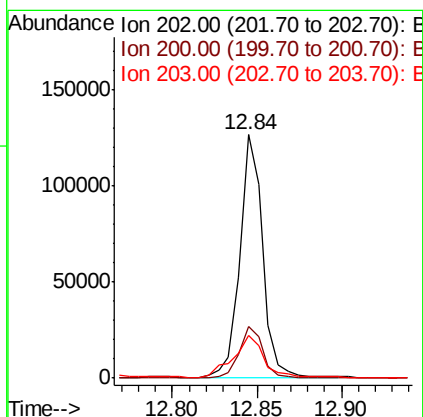
Manual Integrations
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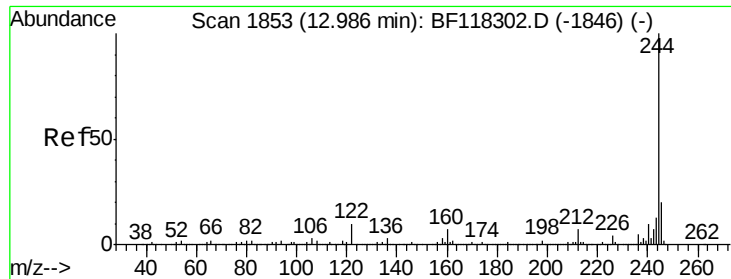
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#78
Pyrene
Concen: 6.051 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.6	13.9	20.9





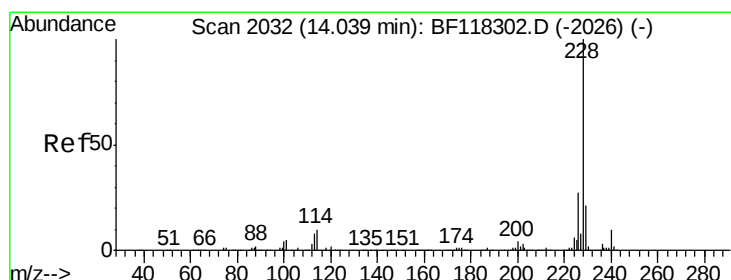
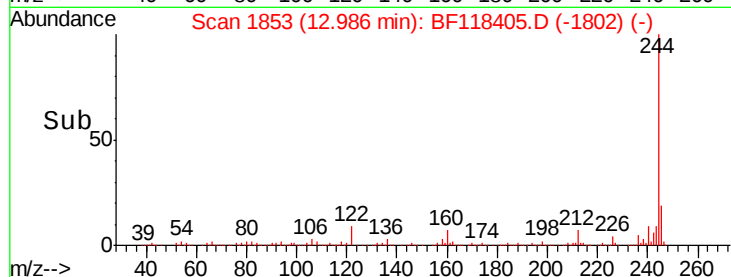
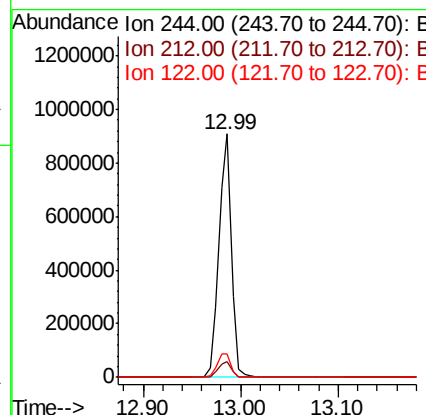
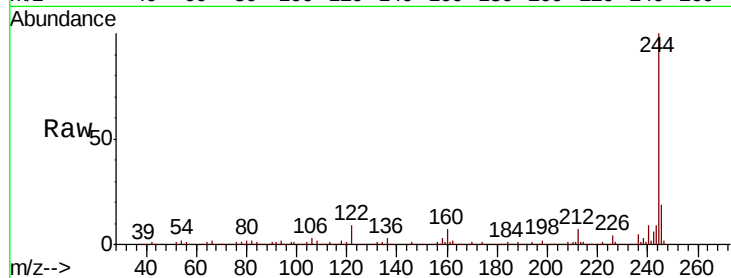
#79
 Terphenyl-d14
 Concen: 54.997 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.4	7.8	11.8

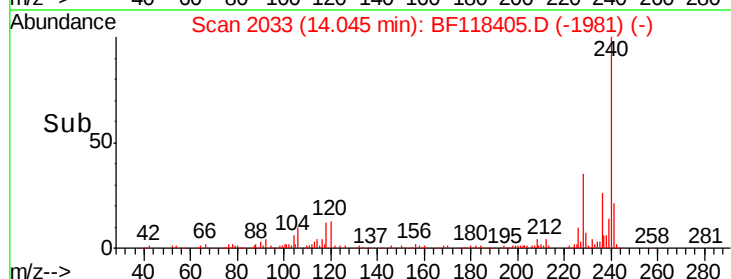
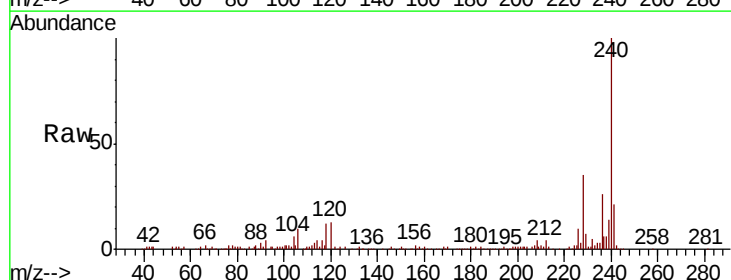
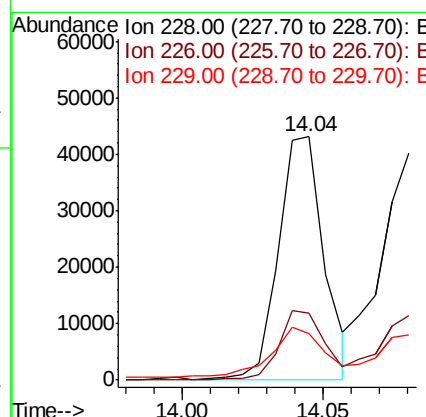
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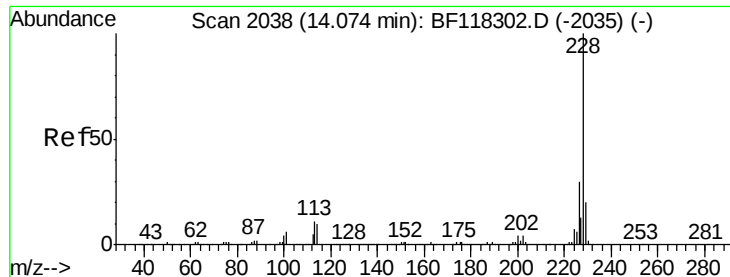
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#81
 Benzo(a)anthracene
 Concen: 2.847 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.1	16.6	24.8





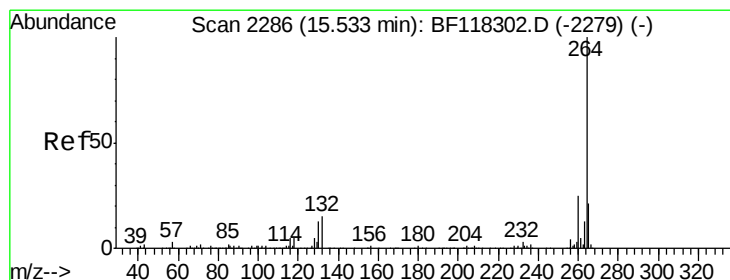
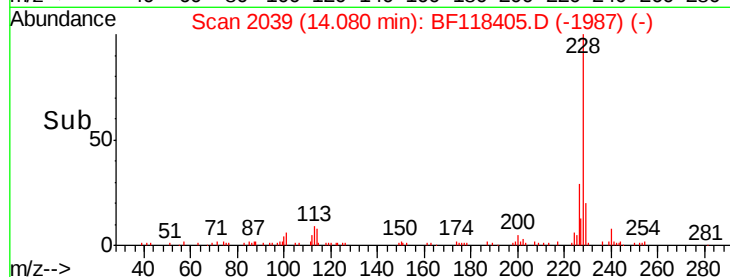
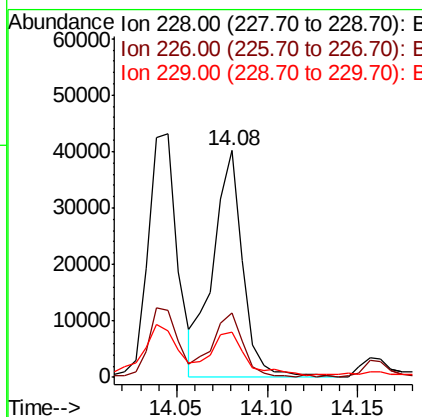
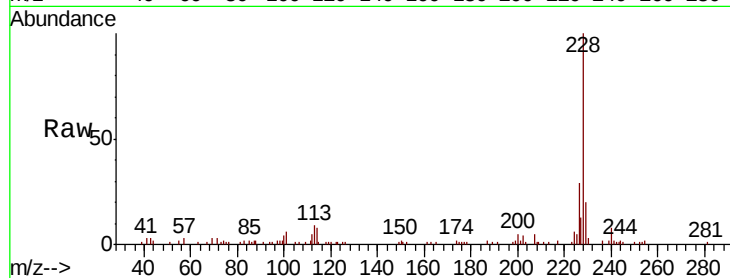
#83
 Chrysene
 Concen: 2.839 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.9	35.9
229	19.7	16.1	24.1

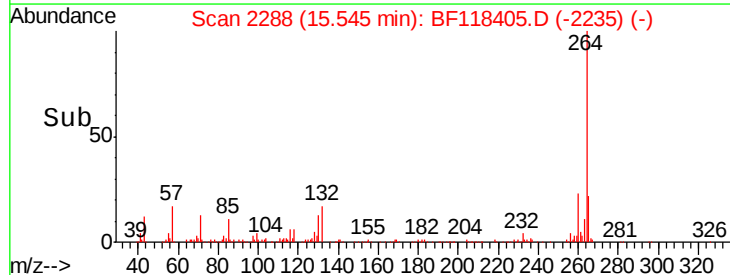
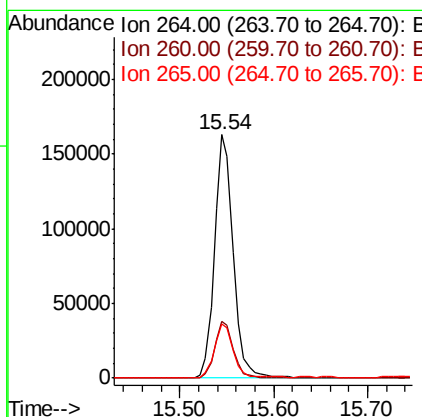
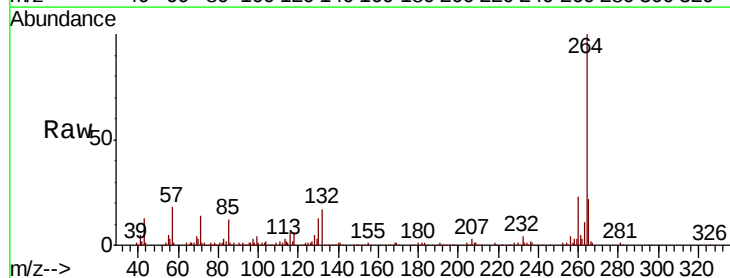
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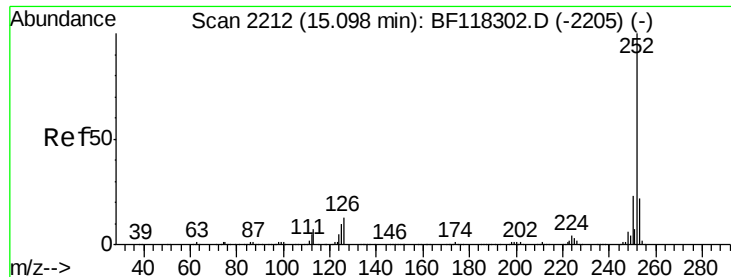
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF118405.D
 Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	22.2	17.0	25.4





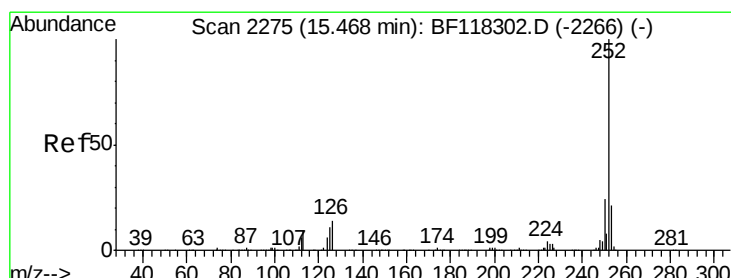
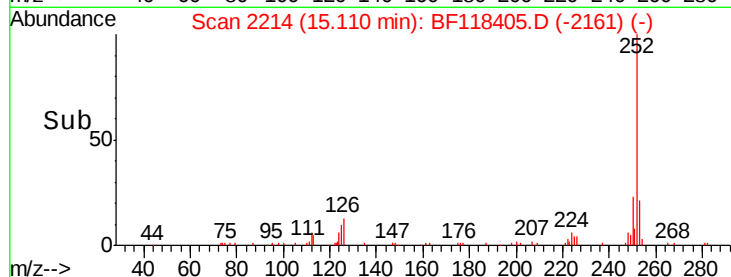
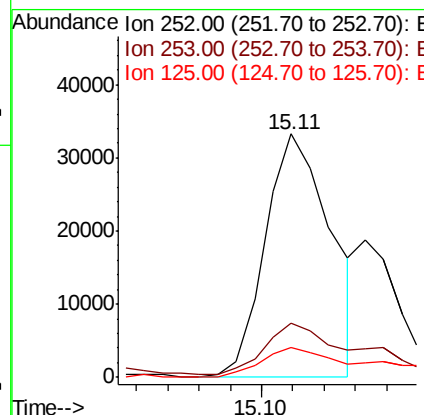
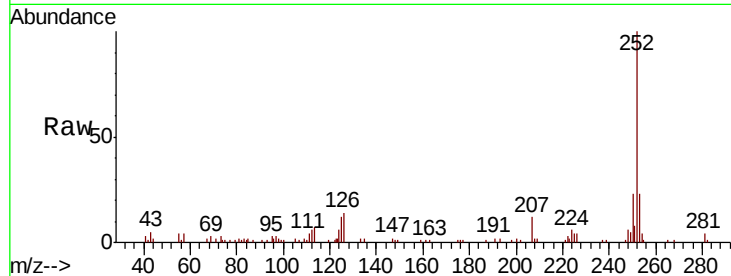
#88
Benzo(b)fluoranthene
Concen: 3.206 ng/mL
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.0	7.7	11.5

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#90
Benzo(a)pyrene
Concen: 2.650 ng/mL
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118405.D
Acq: 31 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	12.6	9.0	13.4

