

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119700.D
 Acq On : 2 Apr 2020 6:40
 Operator : MA/SJ
 Sample : L2055-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(1-3)

Manual Integrations
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Quant Time: Apr 02 07:22:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	234174	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	853187	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	416672	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	715335	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	436228	20.00	ng	-0.02
87) Perylene-d12	15.44	264	435307	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1253621	85.22	ng	0.00
7) Phenol-d6	6.44	99	1584471	84.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	960103	61.16	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	377043	87.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1674643	59.54	ng	0.00
79) Terphenyl-d14	12.93	244	1434646	64.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.57	163	177659	6.003	ng	98
75) Fluoranthene	12.55	202	122258	3.046	ng	98
78) Pyrene	12.78	202	120432	3.364	ng	97
81) Benzo(a)anthracene	13.97	228	64983m	2.291	ng	
83) Chrysene	14.00	228	59160	2.021	ng	98
88) Benzo(b)fluoranthene	15.02	252	92871m	3.194	ng	
90) Benzo(a)pyrene	15.37	252	67307	2.547	ng	# 96
92) Benzo(g,h,i)perylene	17.32	276	50399	2.170	ng	# 91

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

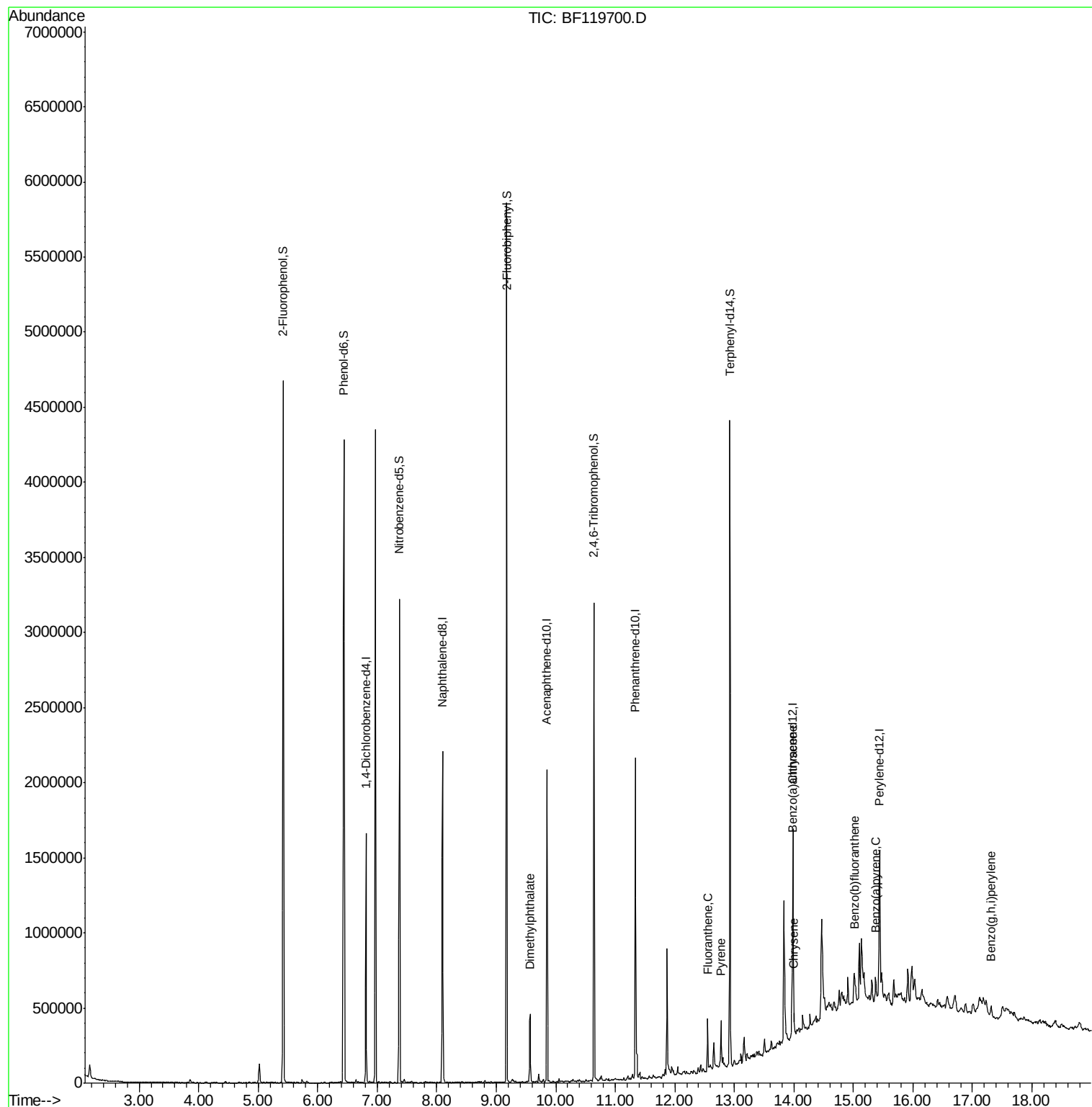
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119700.D
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Misc :
ALS Vial : 50 Sample Multiplier: 1

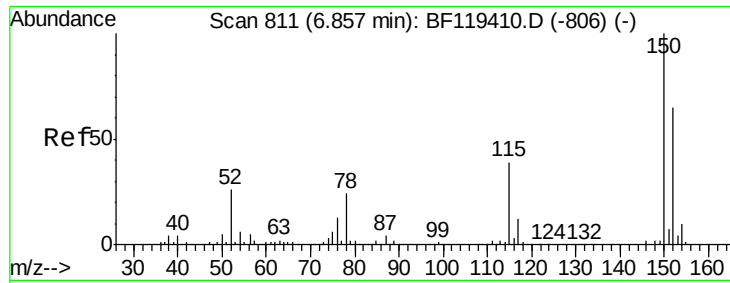
Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Manual Integrations
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Quant Time: Apr 02 07:22:07 2020
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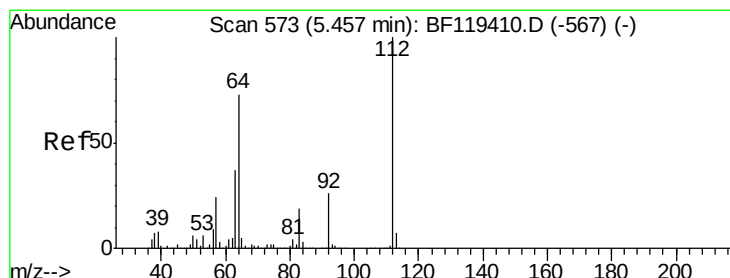
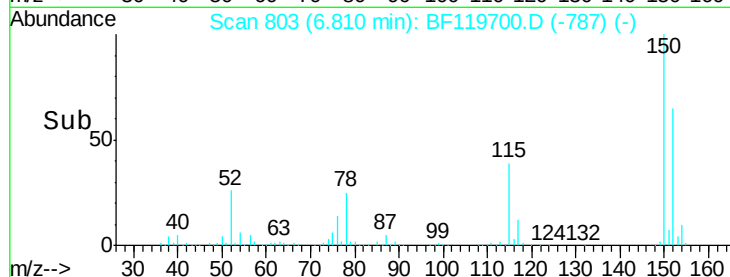
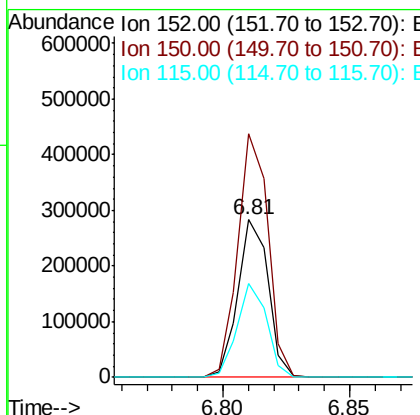
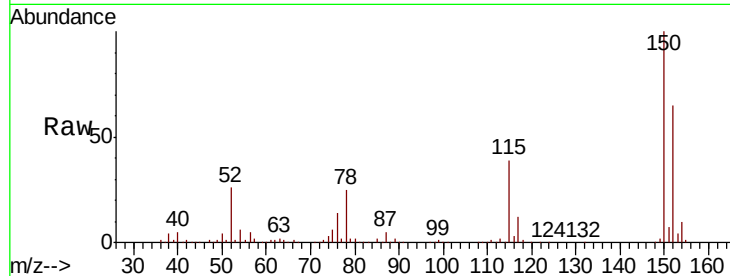
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119700.D
 Acq: 2 Apr 2020 6:40

Instrument :
 BNA_F
 ClientSampled :
 SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.5	186.7
115	59.6	49.6	74.4

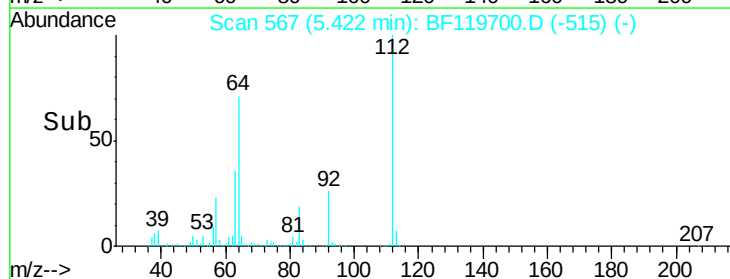
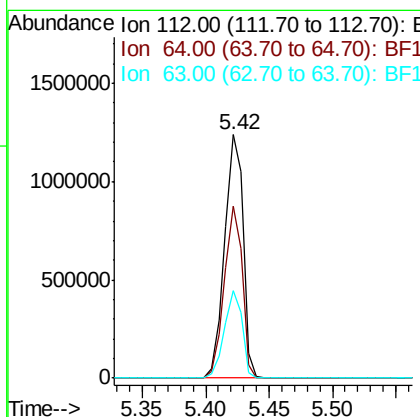
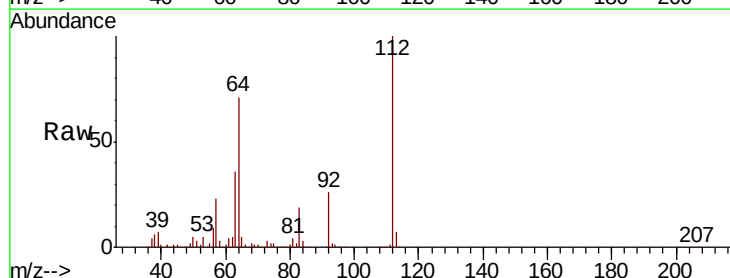
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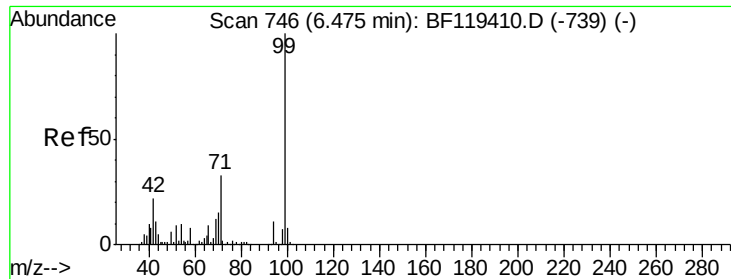
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#5
 2-Fluorophenol
 Concen: 85.221 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF119700.D
 Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.7	85.1
63	35.7	29.5	44.3





#7

Phenol-d6

Concen: 84.319 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

ClientSampleId :

SB-9-(1-3)

Tot Ion: 99 Resp: 1584471

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

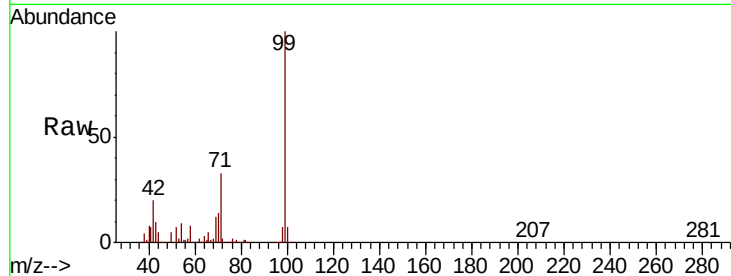
71 32.9 26.4 39.6

Manual Integrations

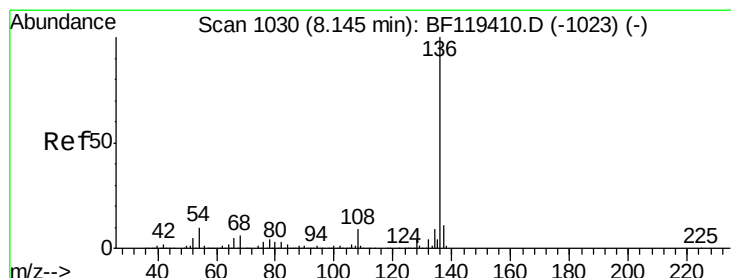
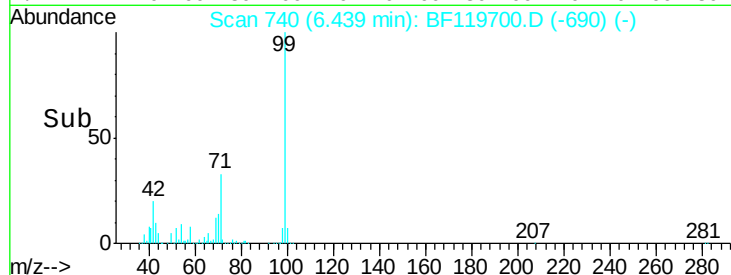
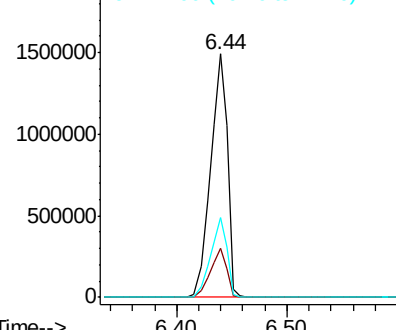
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Tgt Ion: 136 Resp: 853187

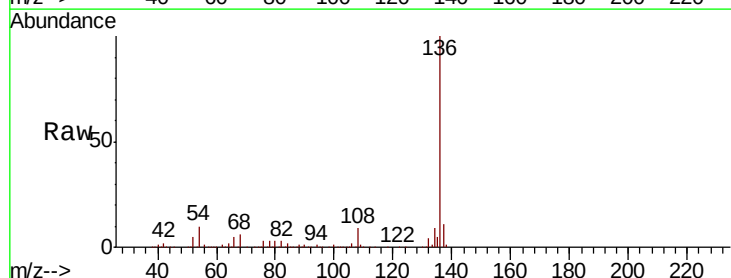
Ion Ratio Lower Upper

136 100

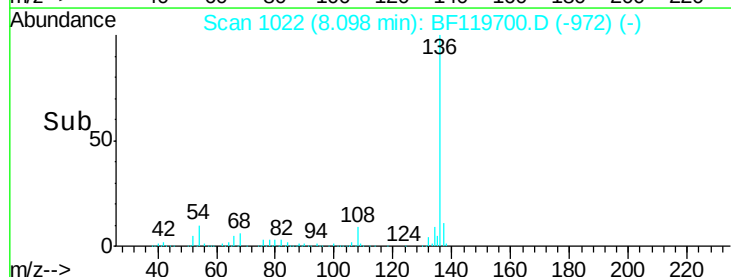
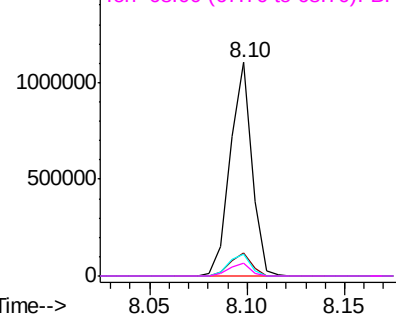
137 10.8 8.7 13.1

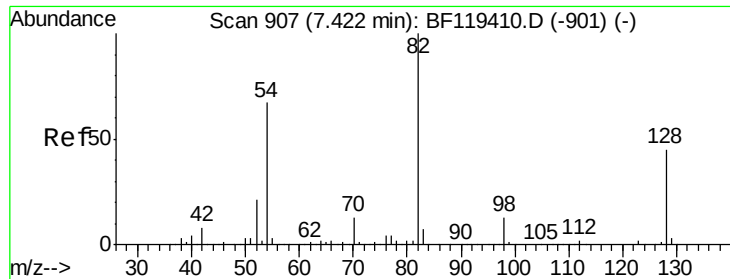
54 10.1 9.1 13.7

68 5.7 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





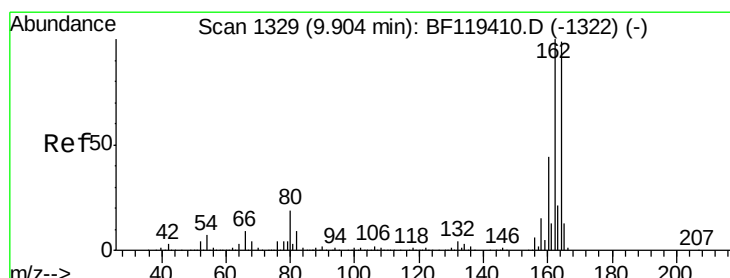
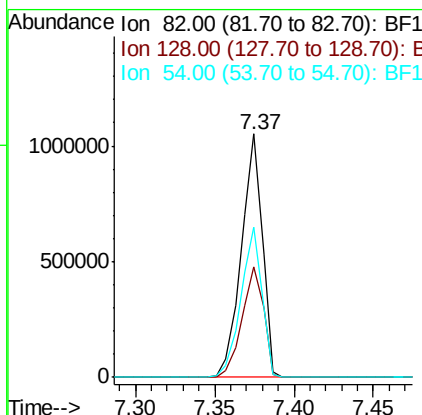
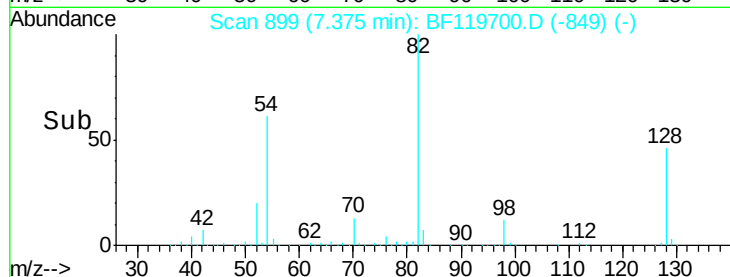
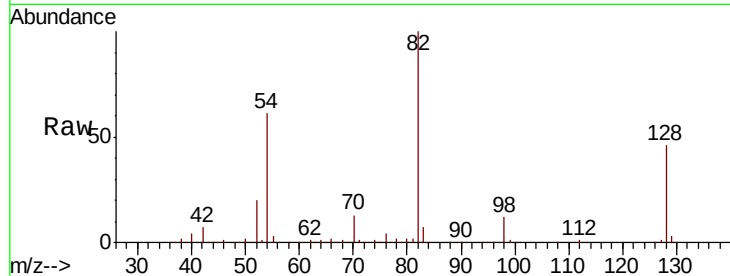
#23
Nitrobenzene-d5
Concen: 61.158 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119700.D
Acq: 2 Apr 2020 6:40

Instrument :
BNA_F
ClientSampled :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	61.5	50.6	75.8

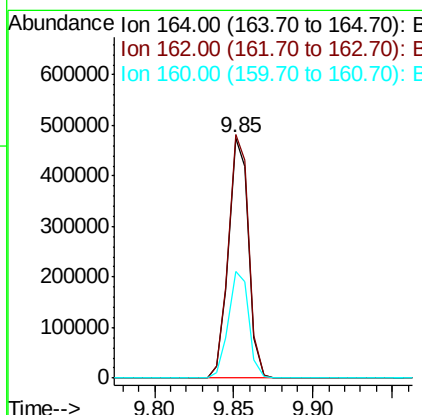
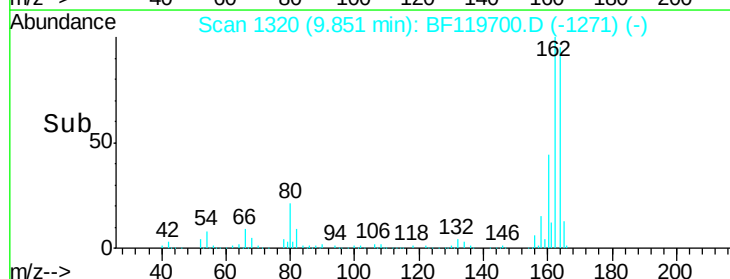
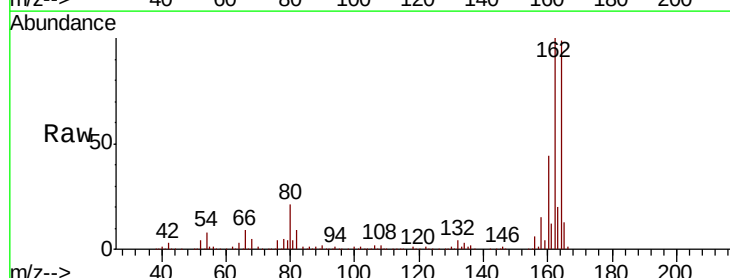
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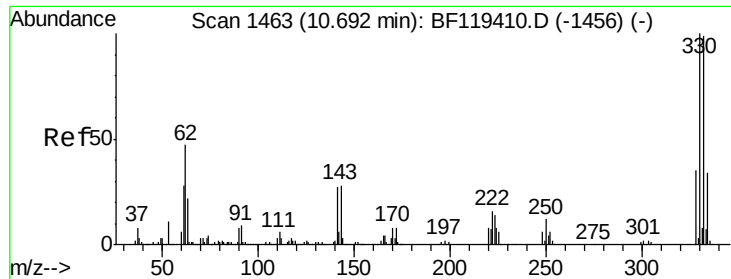
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119700.D
Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	44.5	35.7	53.5





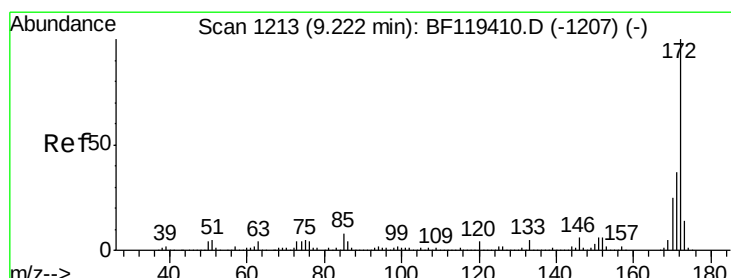
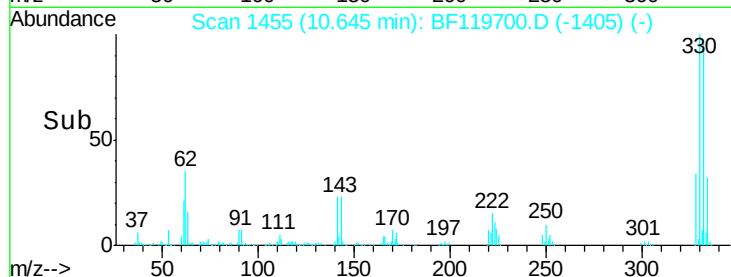
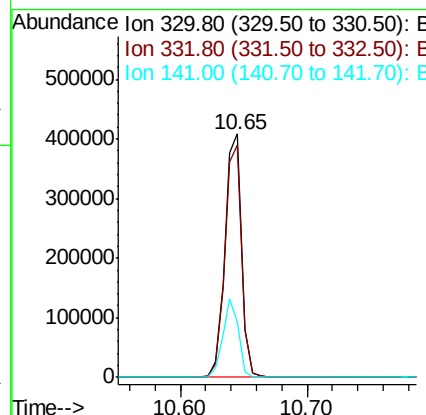
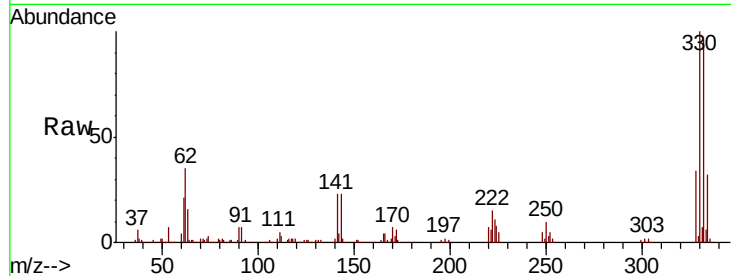
#42
 2,4,6-Tribromophenol
 Concen: 87.712 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119700.D
 Acq: 2 Apr 2020 6:40

Instrument :
 BNA_F
 ClientSampled :
 SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	30.7	25.4	38.0

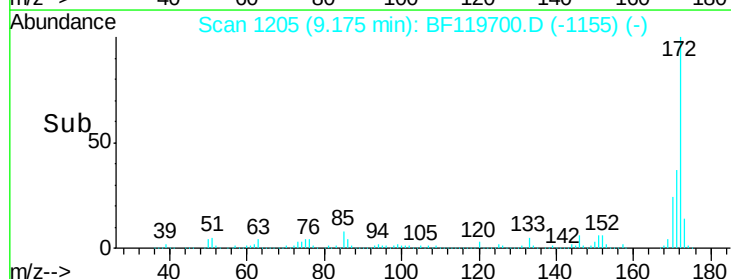
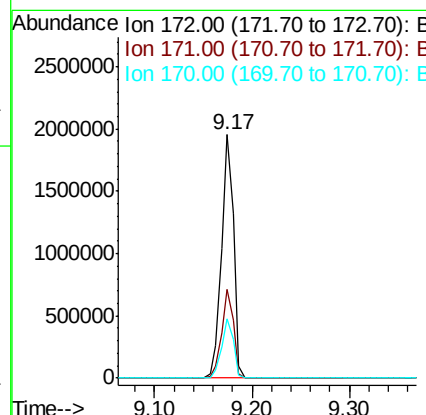
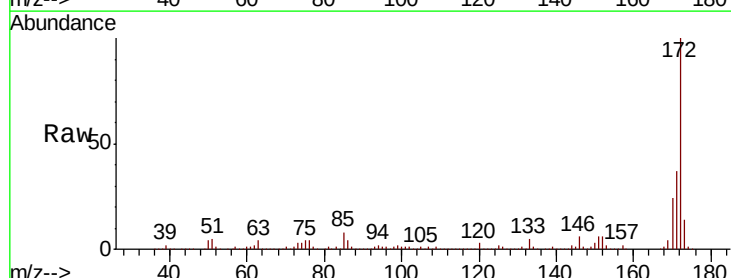
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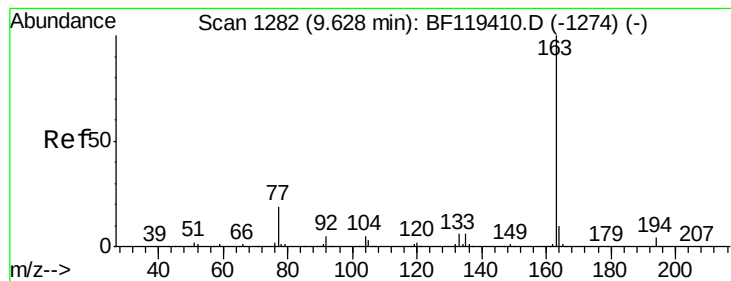
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#45
 2-Fluorobiphenyl
 Concen: 59.542 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119700.D
 Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	20.2	30.2





#50

Dimethylphthalate

Concen: 6.003 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

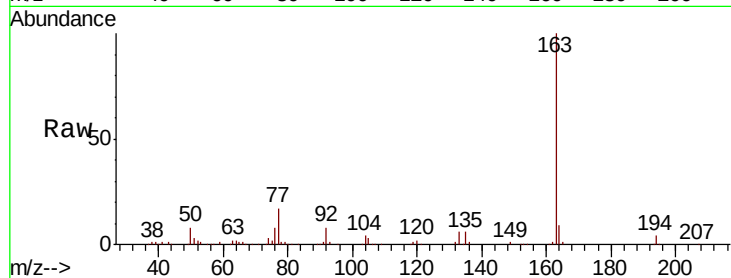
ClientSampleId :

SB-9-(1-3)

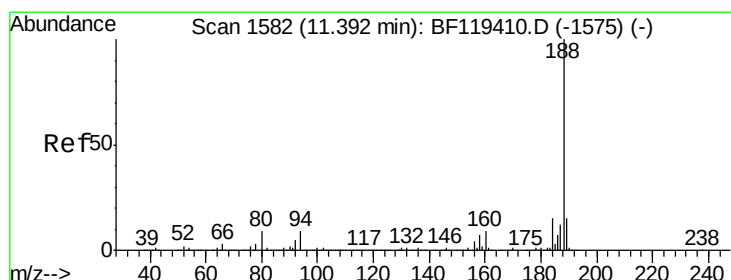
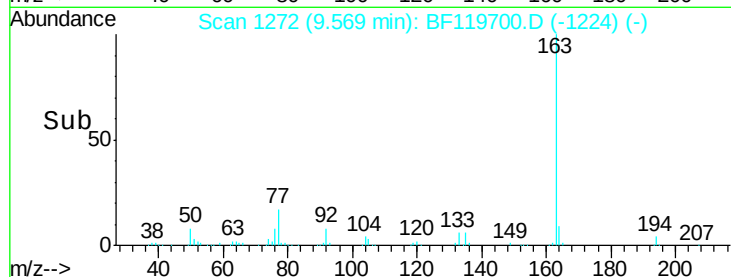
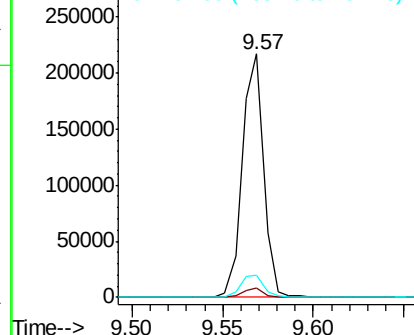
Tot Ion:	163	Resp:	177659
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.2	8.2	12.2

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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

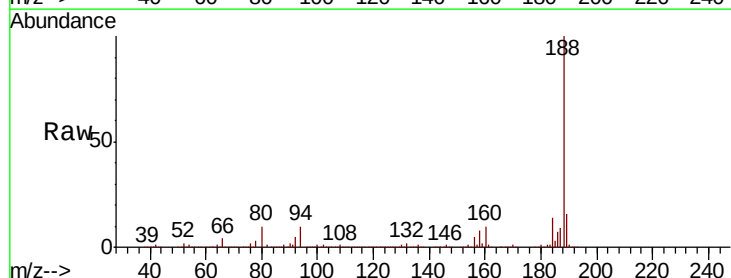
RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

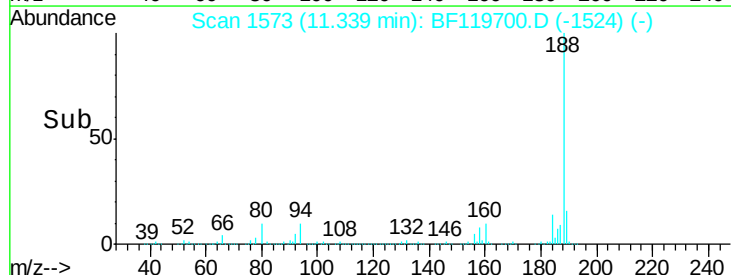
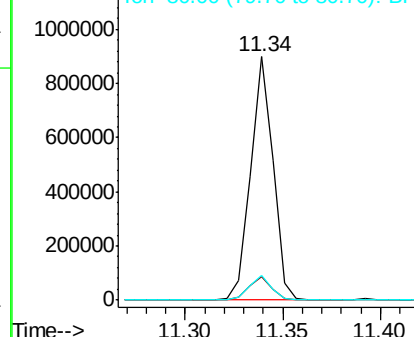
Lab File: BF119700.D

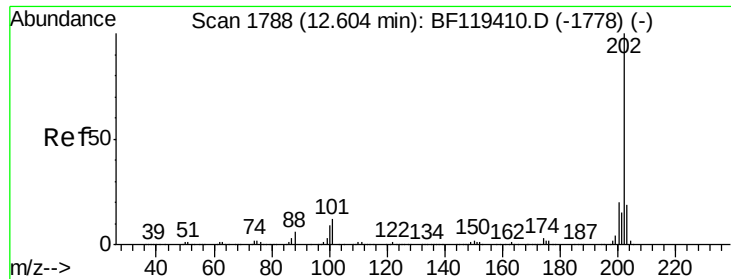
Acq: 2 Apr 2020 6:40

Tgt Ion:	188	Resp:	715335
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.5	11.3
80	10.2	9.0	13.4



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





#75

Fluoranthene

Concen: 3.046 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

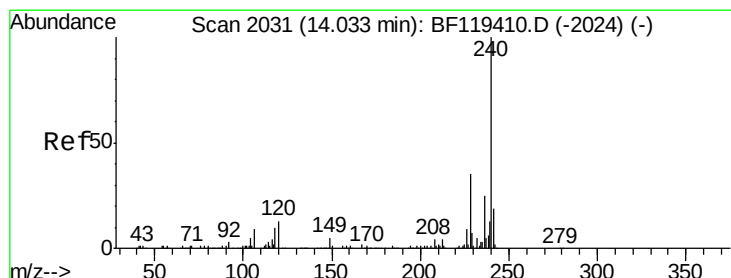
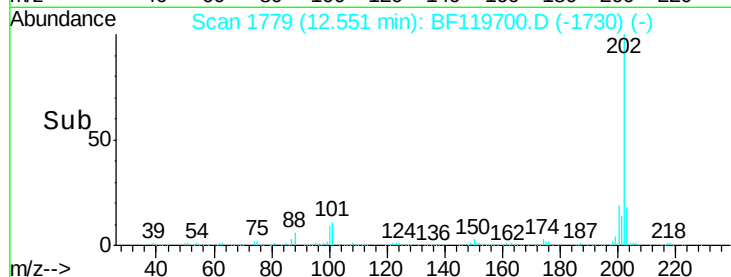
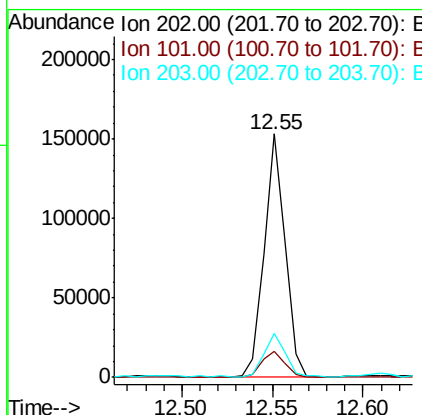
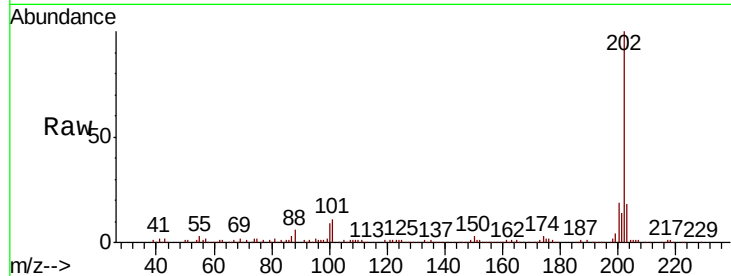
ClientSampleId :

SB-9-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	32.2
203	18.2	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

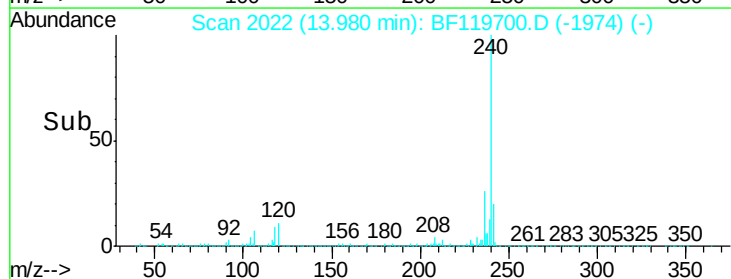
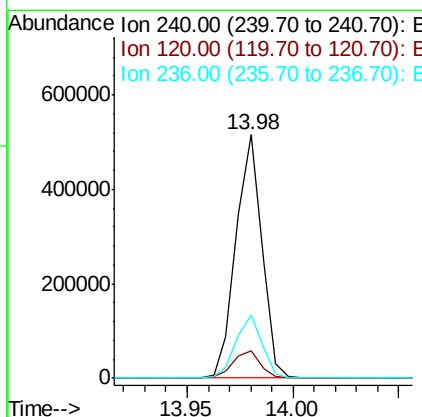
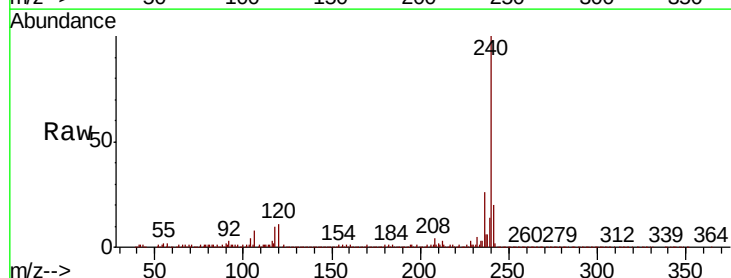
RT: 13.98 min Scan# 2022

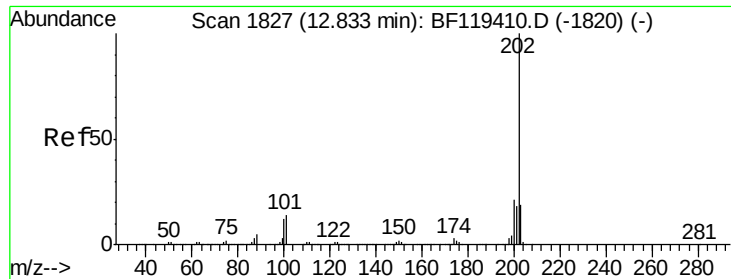
Delta R.T. -0.02 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	10.6	15.8
236	25.7	20.2	30.2





#78

Pvrene

Concen: 3.364 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

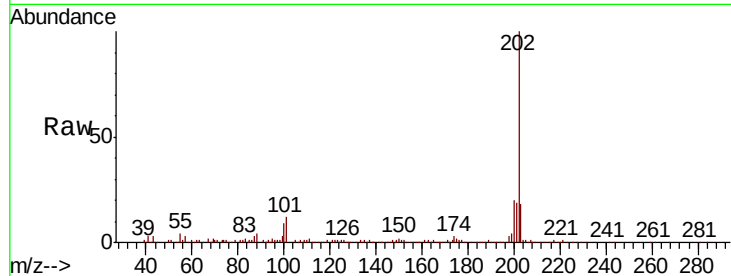
ClientSampleId :

SB-9-(1-3)

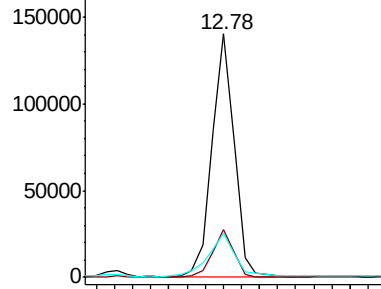
Tot Ion:	202	Resp:	120432
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.8	25.2
203	18.0	15.1	22.7

Manual Integrations
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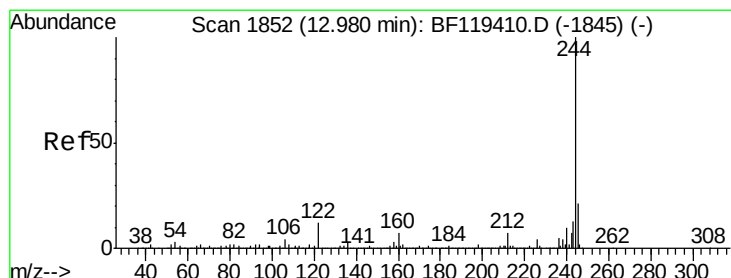
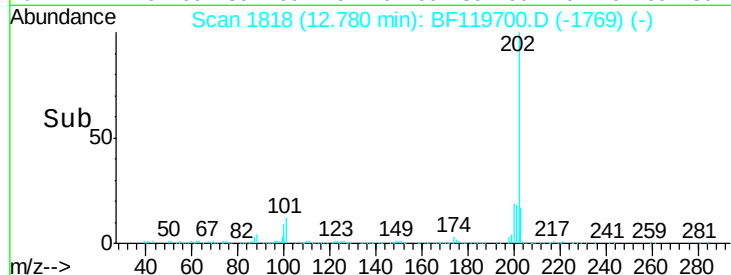
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 64.434 ng

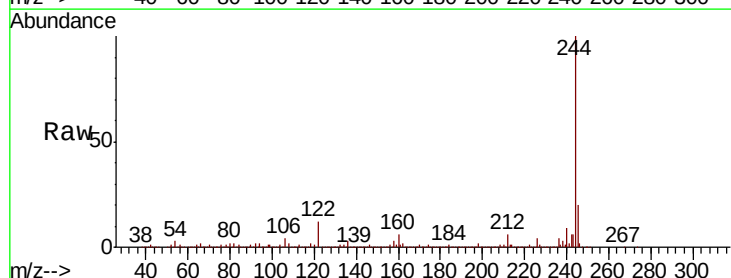
RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

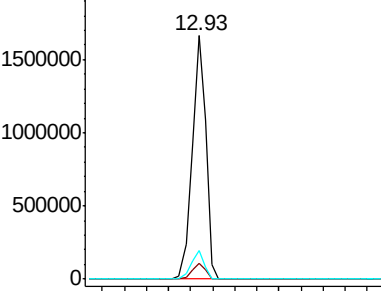
Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

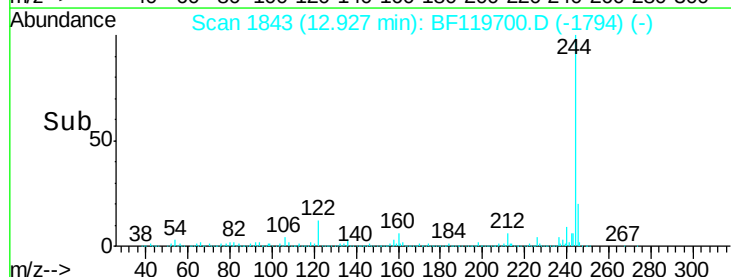
Tgt Ion:	244	Resp:	1434646
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.8	8.8
122	11.7	10.3	15.5

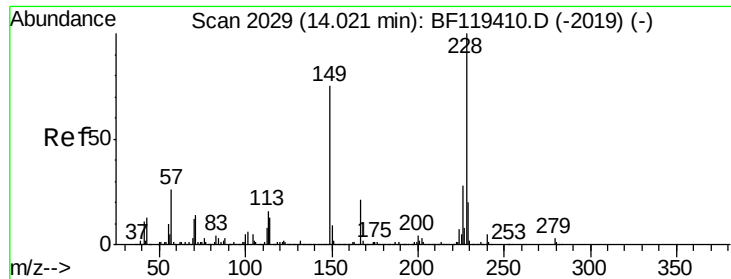


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 2.291 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

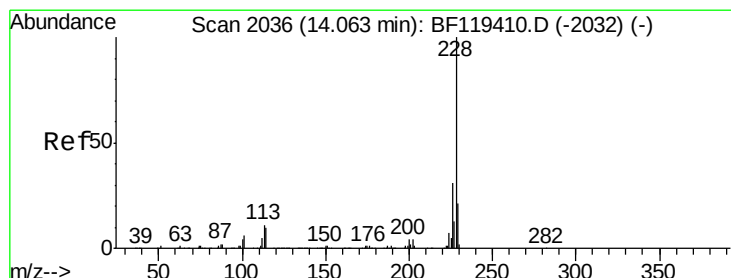
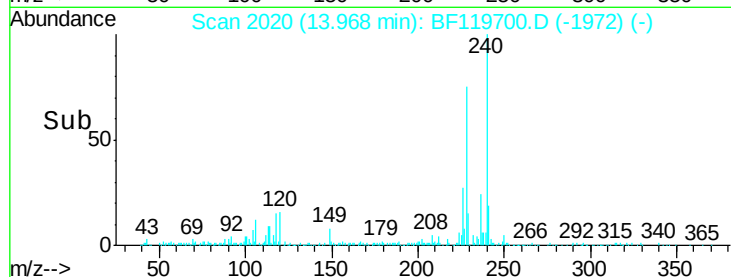
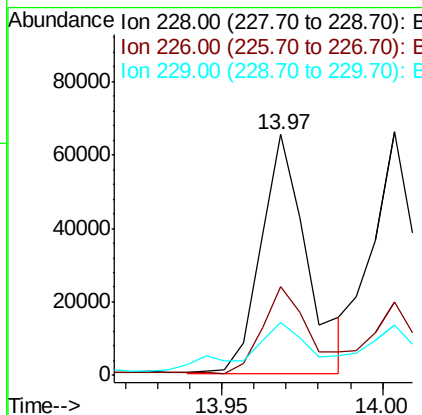
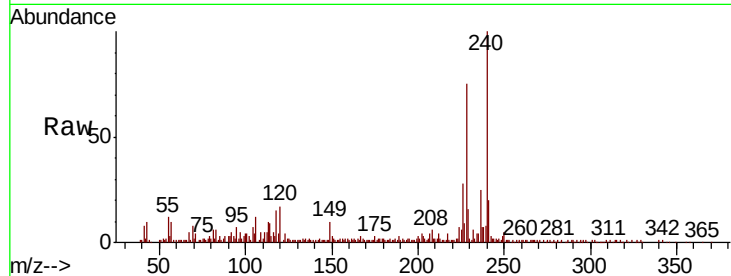
ClientSampled :

SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.7	21.8	32.8
229	21.9	16.2	24.4

Manual Integrations
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#83

Chrysene

Concen: 2.021 ng

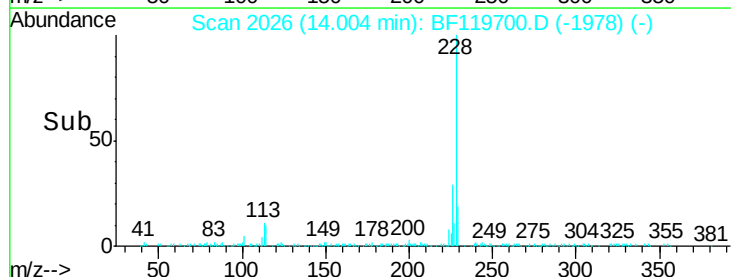
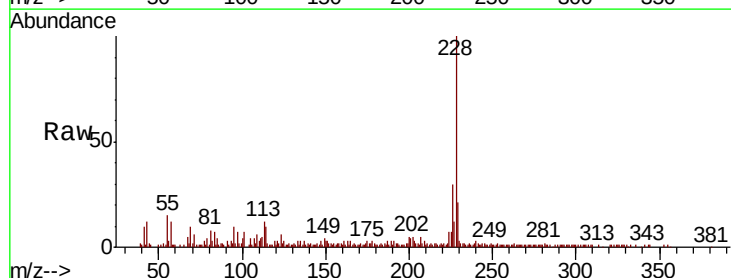
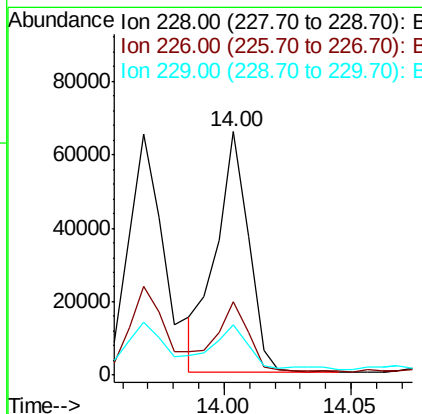
RT: 14.00 min Scan# 2026

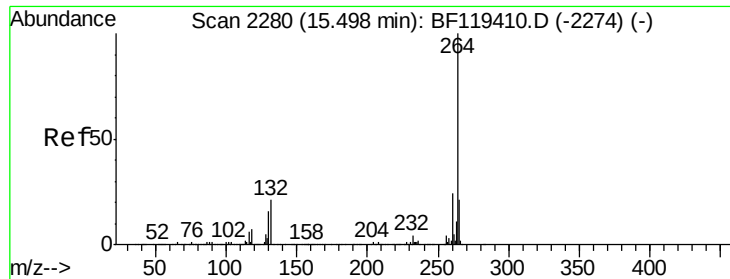
Delta R.T. -0.02 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	20.5	16.6	24.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119700.D

Acq: 2 Apr 2020 6:40

Instrument :

BNA_F

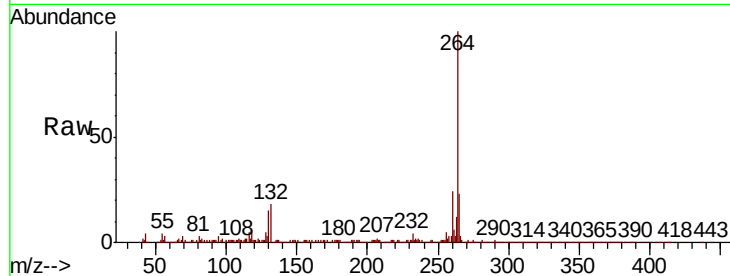
ClientSampleId :

SB-9-(1-3)

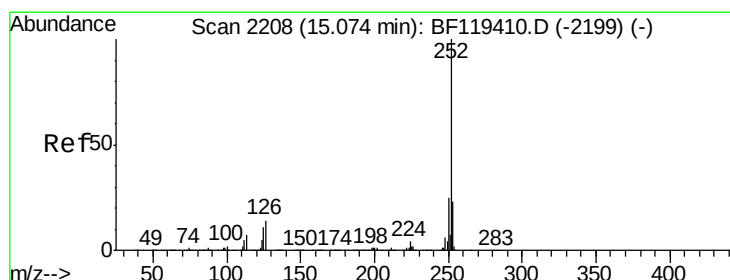
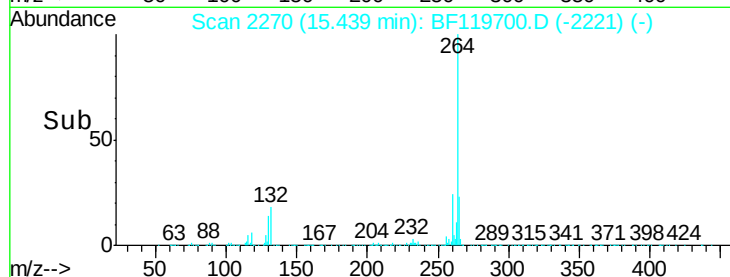
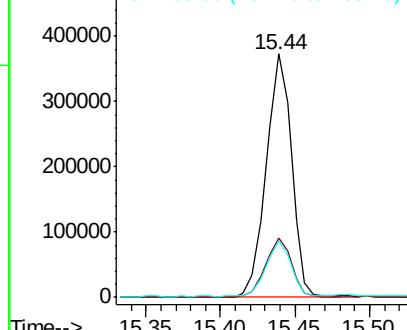
Tot Ion:	264	Resp:	435307
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	23.4	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 3.194 ng m

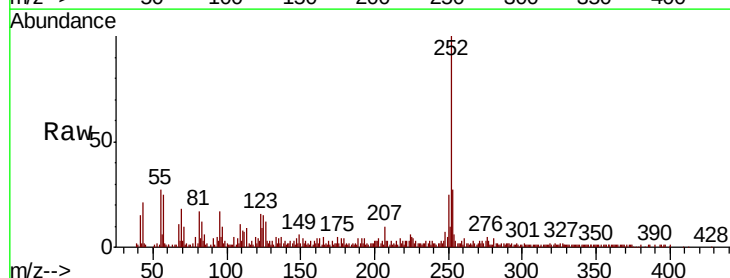
RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

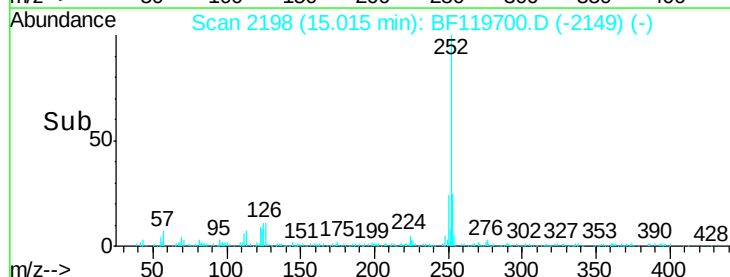
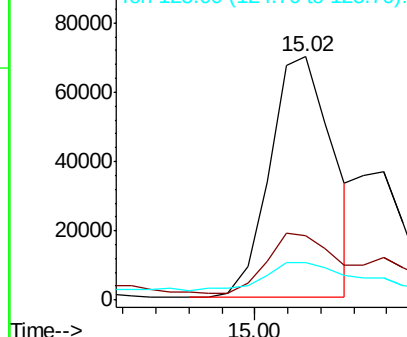
Lab File: BF119700.D

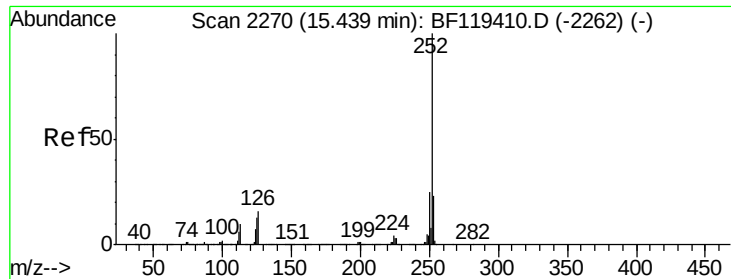
Acq: 2 Apr 2020 6:40

Tgt Ion:	252	Resp:	92871
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.4	26.0#
125	15.4	7.9	11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





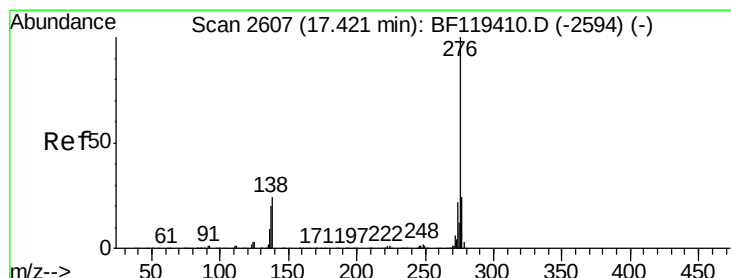
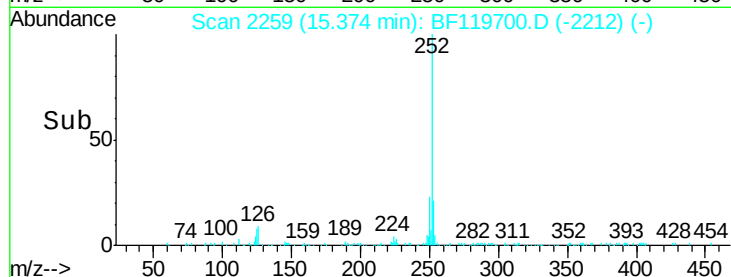
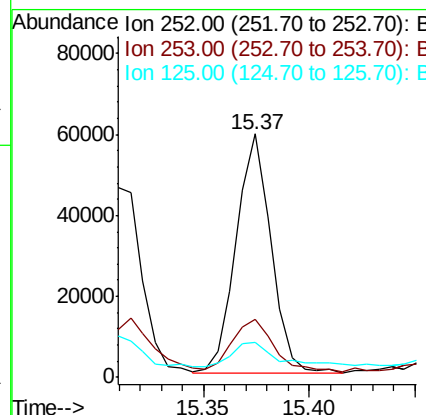
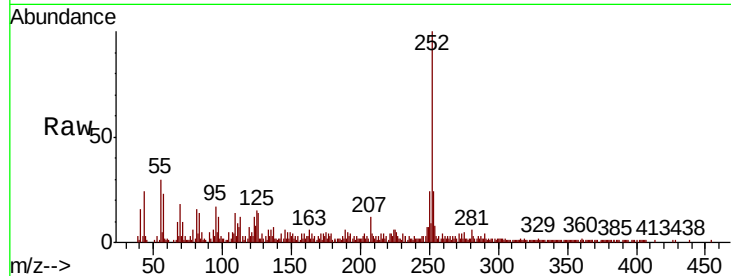
#90
Benzo(a)pyrene
Concen: 2.547 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119700.D
Acq: 2 Apr 2020 6:40

Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	14.6	9.4	14.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.170 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.04 min
Lab File: BF119700.D
Acq: 2 Apr 2020 6:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	26.1	15.4	23.0

