

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116622.D
 Acq On : 28 Aug 2019 18:39
 Operator : HP/JU
 Sample : K4470-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S703-N-1.0-1.5-082119

Manual Integrations
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 8/29/2019 7:46:55 PM

Quant Time: Aug 29 02:14:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109882	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	381387	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	199999	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	359153	20.00	ng	0.00
76) Chrysene-d12	14.00	240	277047	20.00	ng	0.00
87) Perylene-d12	15.46	264	251268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	904012	142.10	ng	0.00
7) Phenol-d6	6.49	99	1322281	153.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	788930	118.36	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	277226	145.66	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1279910	106.50	ng	0.00
79) Terphenyl-d14	12.96	244	1115375	65.48	ng	0.00
Target Compounds						
10) Phenol	6.50	94	32376	3.422	ng	99
50) Dimethylphthalate	9.60	163	222361	16.538	ng	100
71) Phenanthrene	11.40	178	42784	2.218	ng	99
75) Fluoranthene	12.58	202	94257	5.448	ng	97
78) Pyrene	12.81	202	80485	3.159	ng	98
81) Benzo(a)anthracene	13.99	228	38956	2.109	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	14290	4.803	ng	96
88) Benzo(b)fluoranthene	15.03	252	38330m	2.484	ng	

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

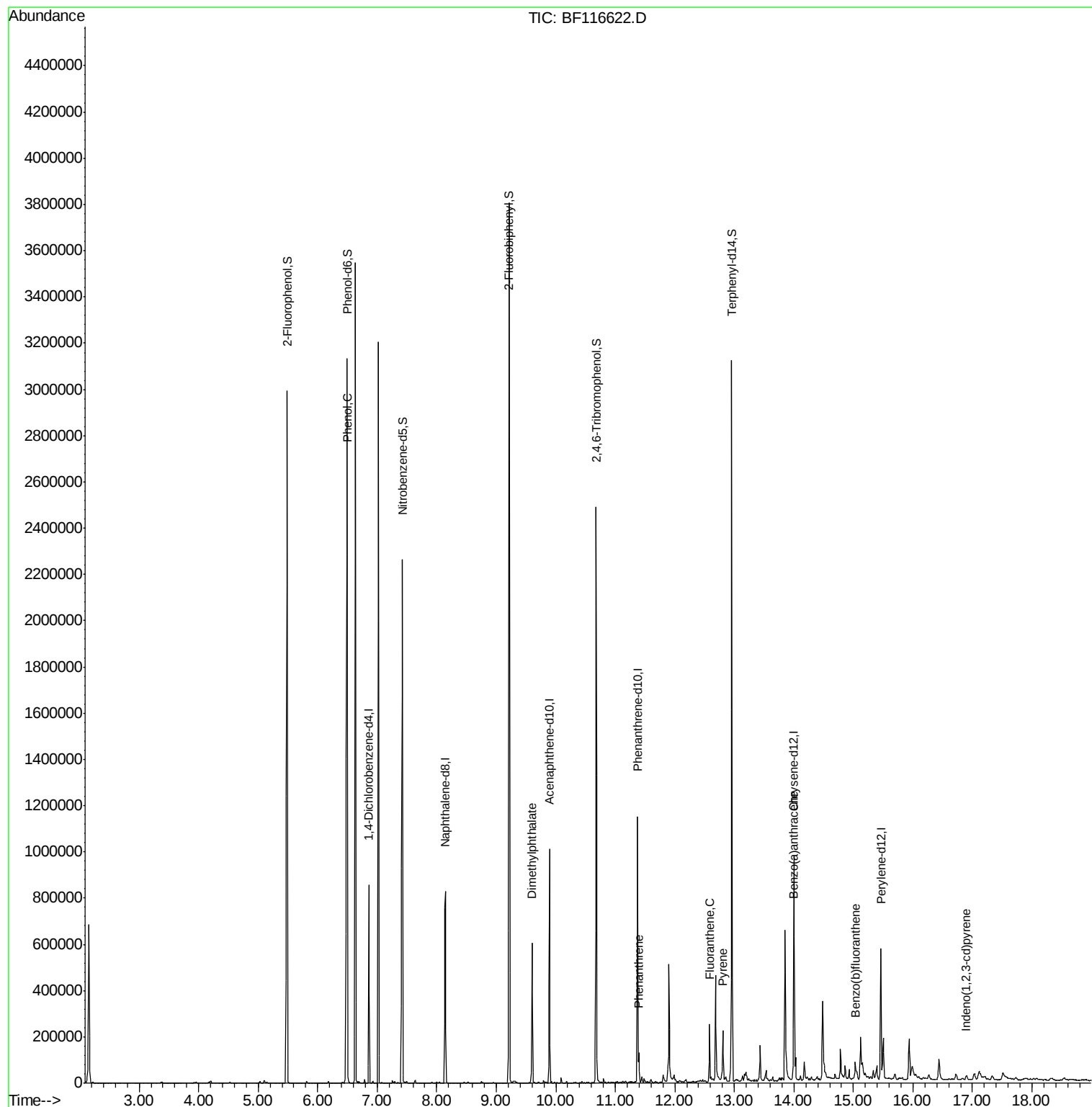
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116622.D
Acq On : 28 Aug 2019 18:39
Operator : HP/JU
Sample : K4470-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

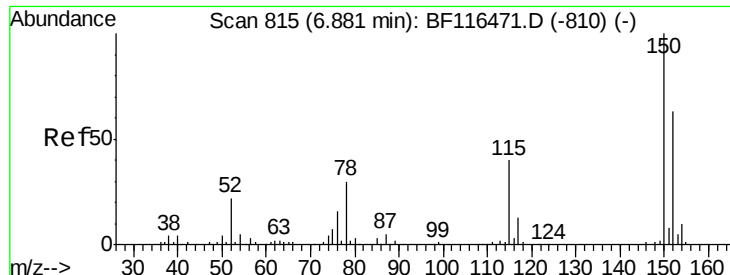
Instrument :
BNA_F
ClientSampleId :
S703-N-1.0-1.5-082119

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#1

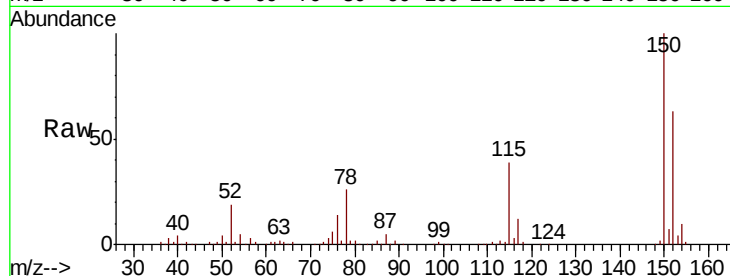
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Instrument :
BNA_F
ClientSampleId :
S703-N-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.4	185.2
115	61.8	48.2	72.2

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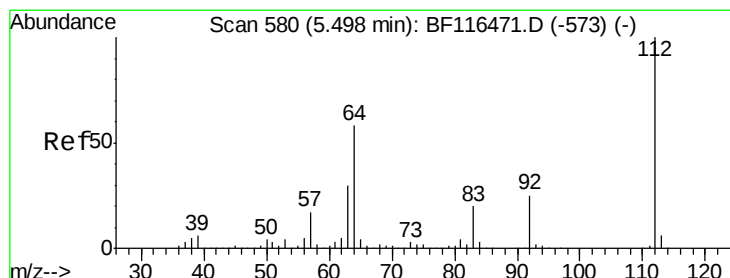
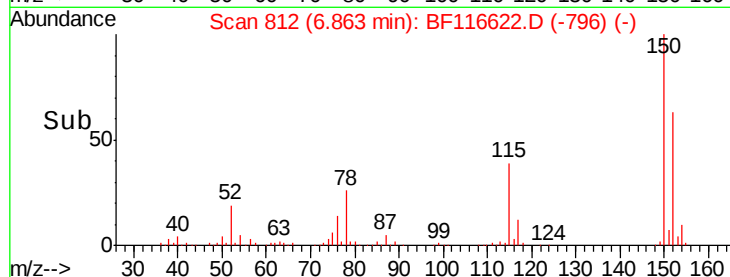
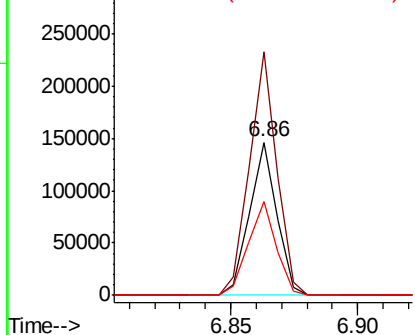


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

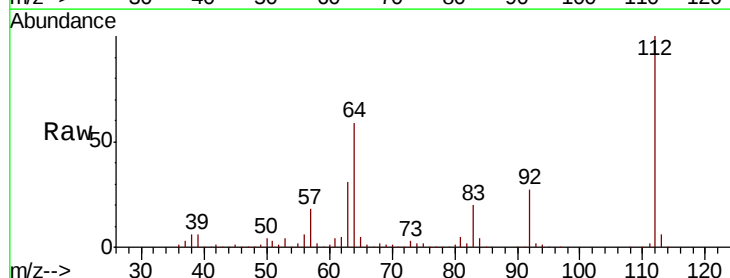
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.101 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.0	72.0
63	30.7	24.6	36.8

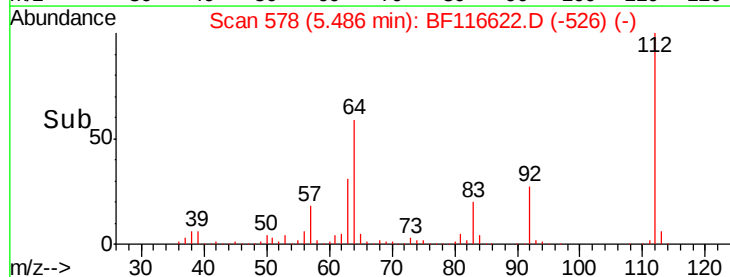
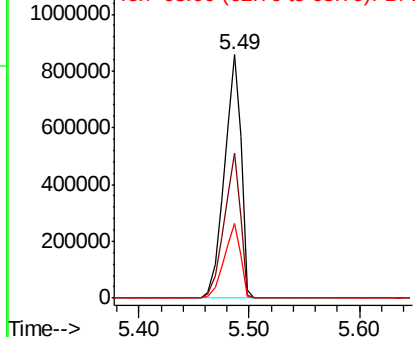


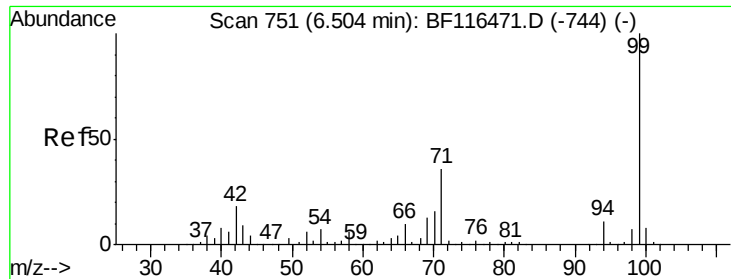
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 153.310 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Instrument :

BNA_F

ClientSampleId :

S703-N-1.0-1.5-082119

Tot Ion: 99 Resp: 1322281

Ion Ratio Lower Upper

99 100

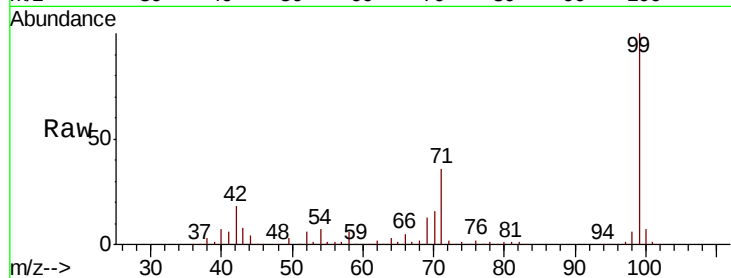
42 17.8 13.2 19.8

71 36.4 27.4 41.2

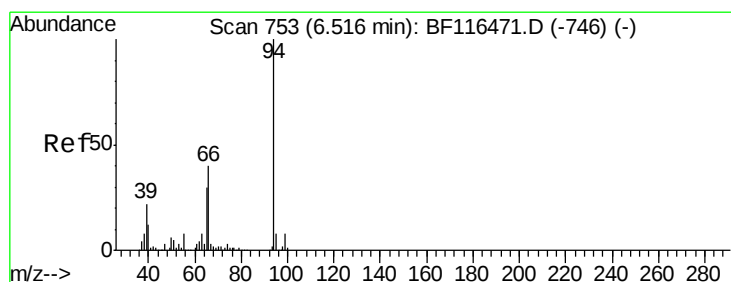
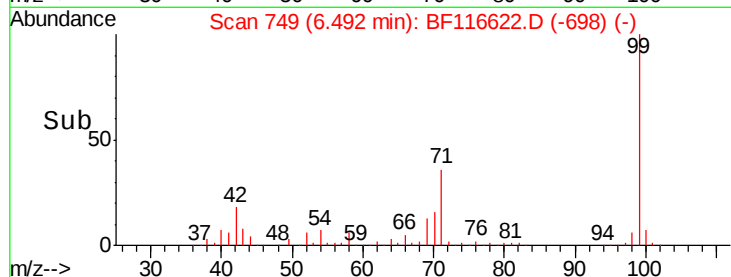
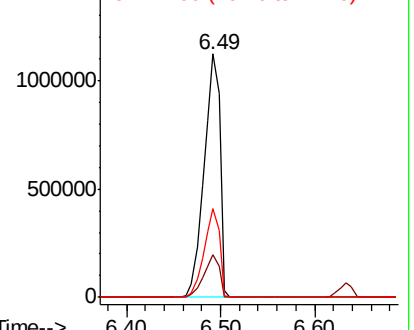
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.422 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

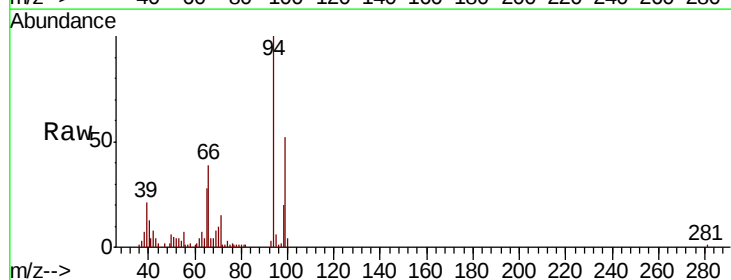
Tgt Ion: 94 Resp: 32376

Ion Ratio Lower Upper

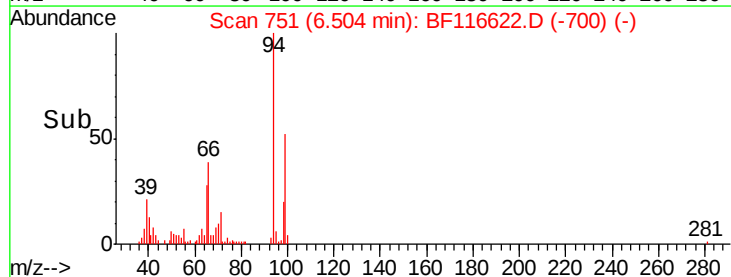
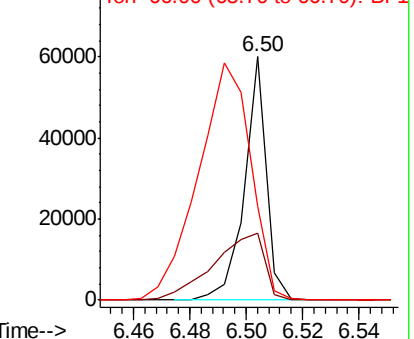
94 100

65 27.8 8.6 48.6

66 38.7 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
80000 Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





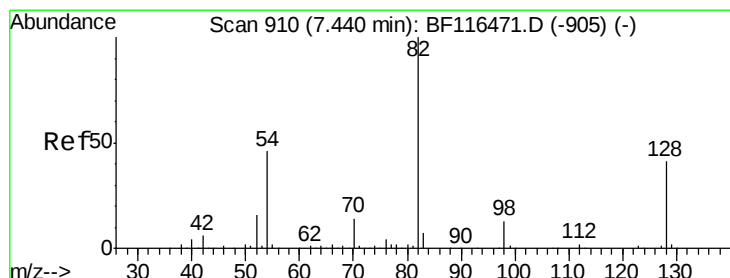
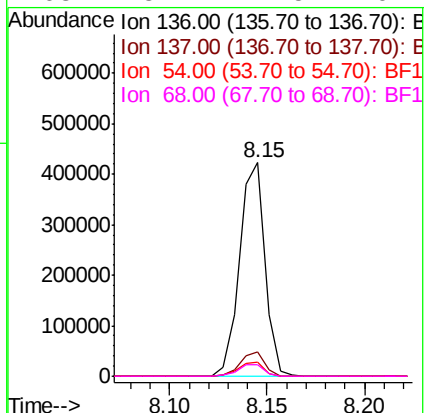
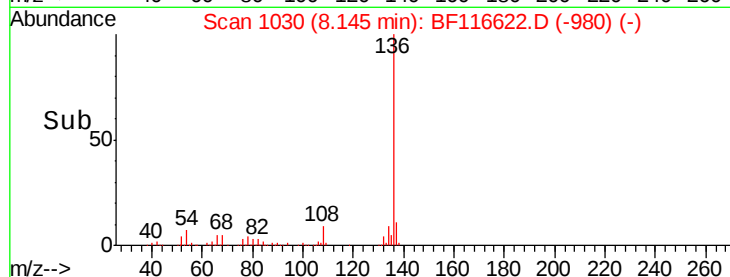
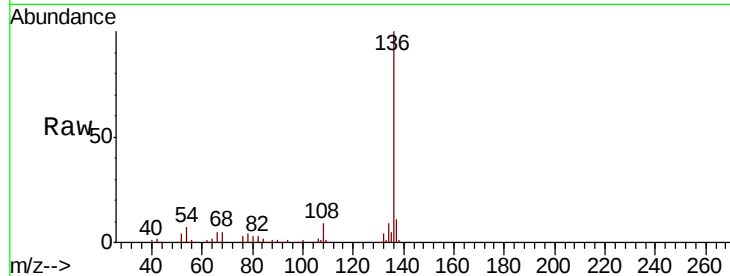
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Instrument :
BNA_F
ClientSampleId :
S703-N-1.0-1.5-082119

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		381387		
137	11.2	8.7	13.1		
54	6.5	5.0	7.4		
68	5.4	4.5	6.7		

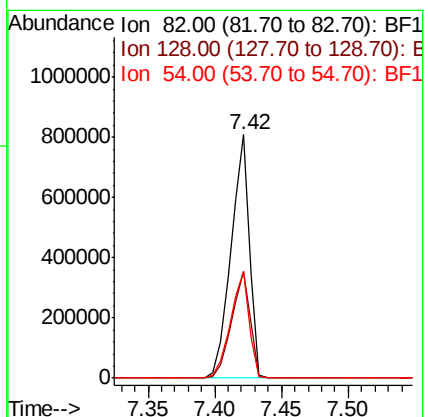
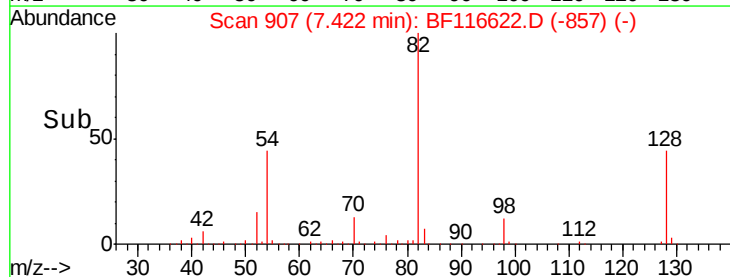
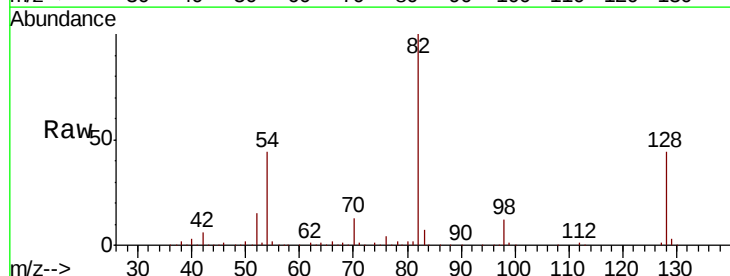
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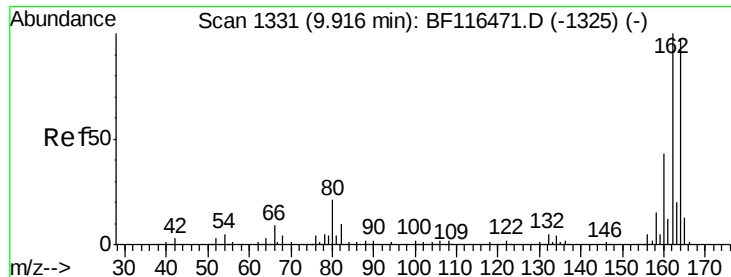
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#23
Nitrobenzene-d5
Concen: 118.364 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		788930		
128	43.9	35.0	52.6		
54	43.9	34.4	51.6		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Instrument :

BNA_F

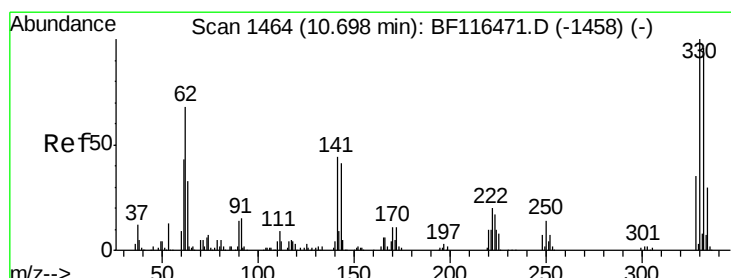
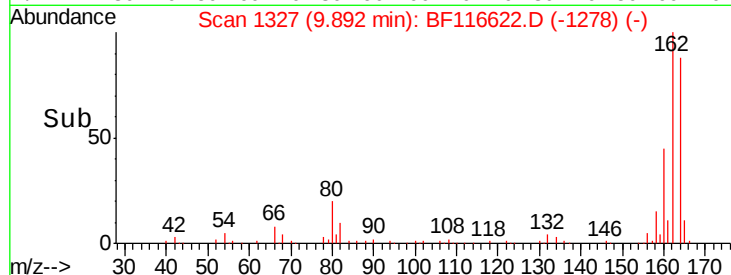
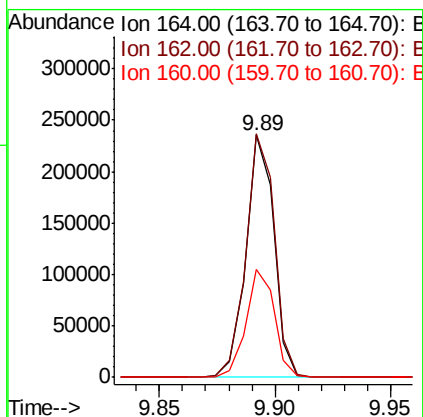
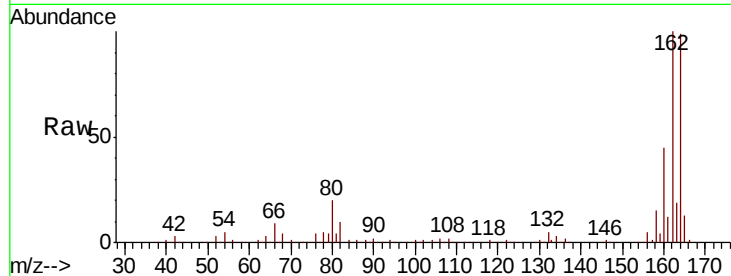
ClientSampleId :

S703-N-1.0-1.5-082119

Tot Ion:	164	Resp:	199999
Ion Ratio	Lower	Upper	
164	100		
162	100.6	83.4	125.0
160	44.8	37.0	55.4

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#42

2,4,6-Tribromophenol

Concen: 145.662 ng

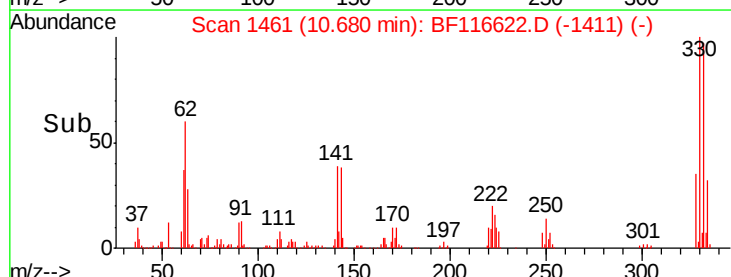
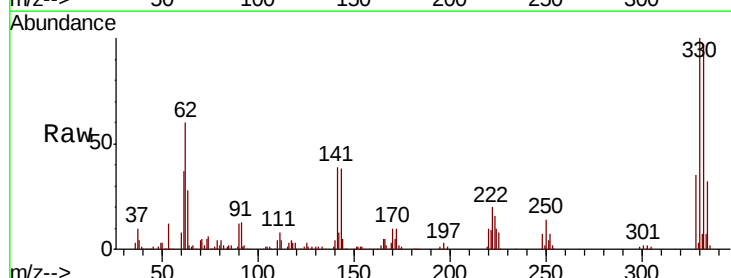
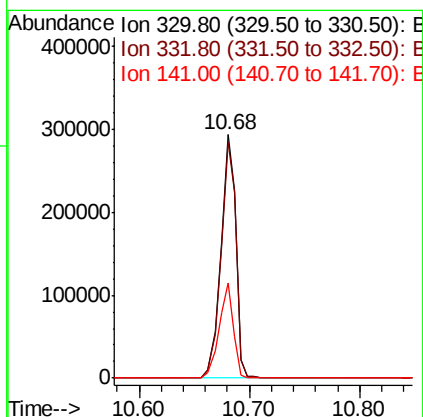
RT: 10.68 min Scan# 1461

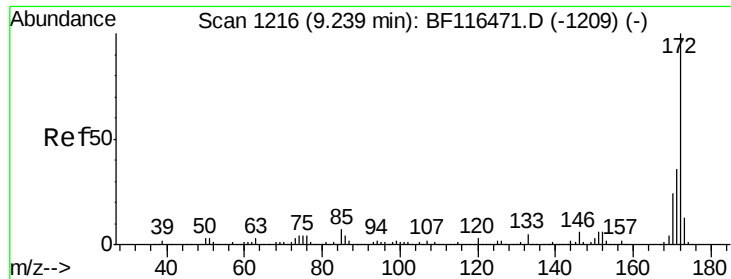
Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Tgt Ion:	330	Resp:	277226
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.5	116.3
141	37.1	28.2	42.2





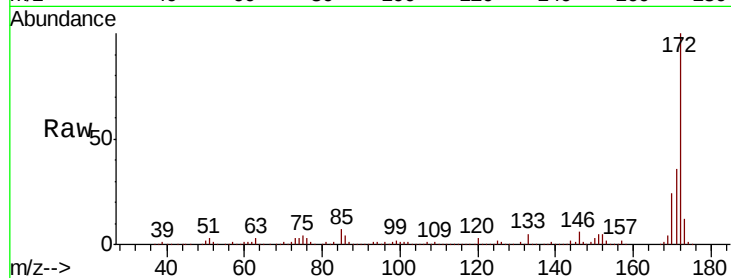
#45
2-Fluorobiphenyl
Concen: 106.502 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Instrument :
BNA_F
ClientSampleId :
S703-N-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	19.3	28.9

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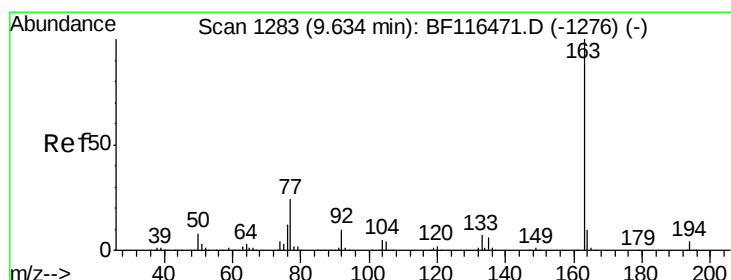
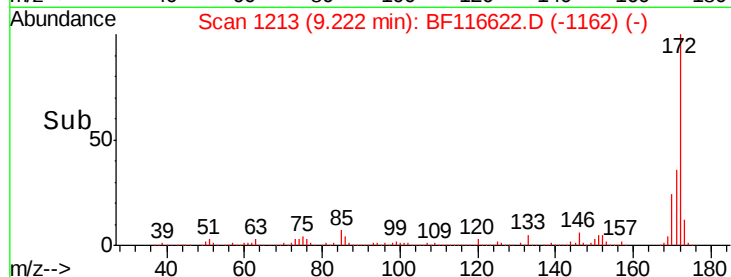
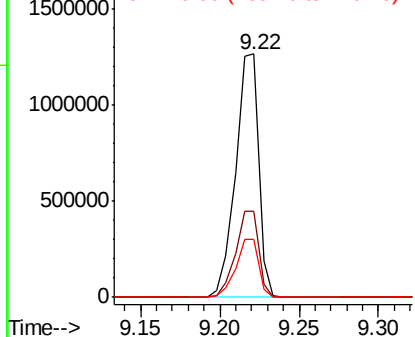


Abundance

Ion 172.00 (171.70 to 172.70): E

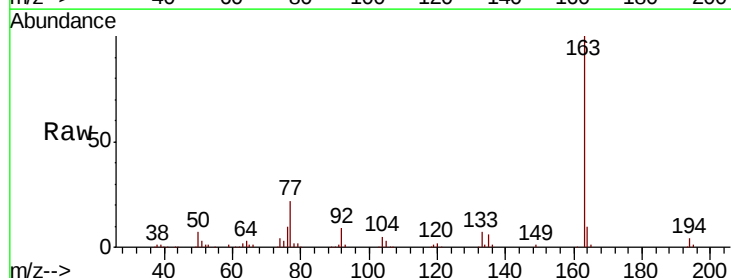
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 16.538 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.2	12.2

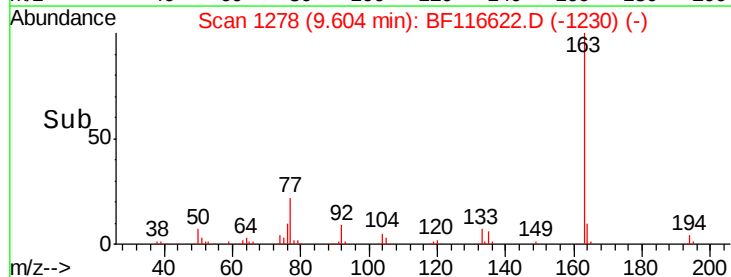
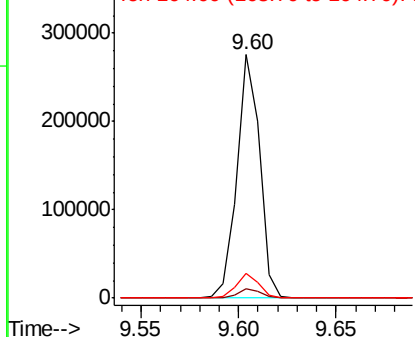


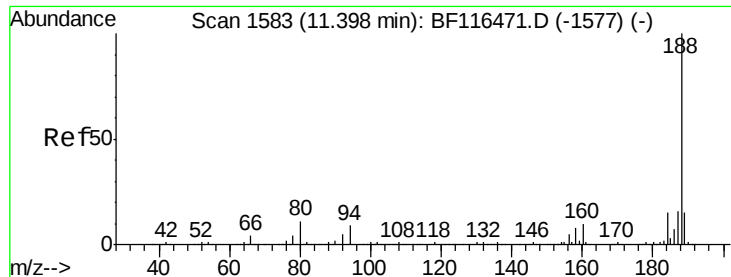
Abundance

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





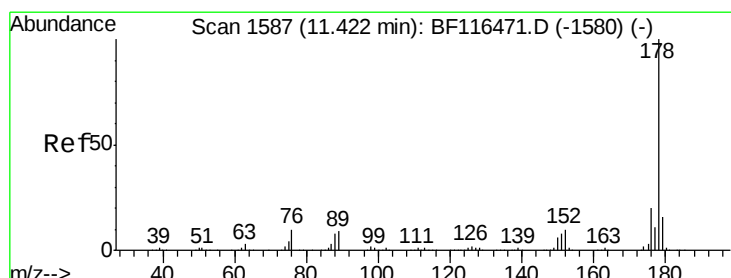
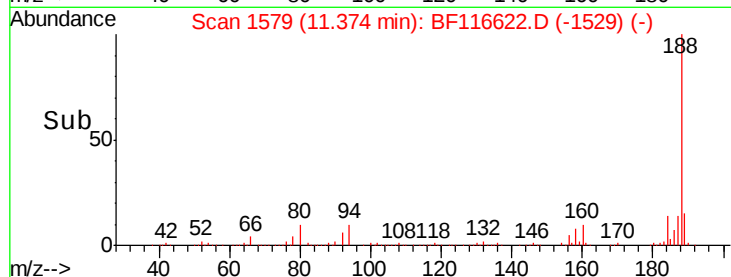
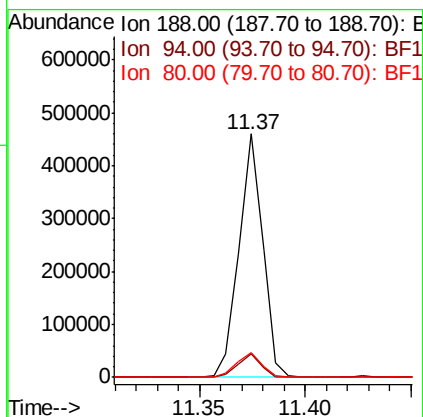
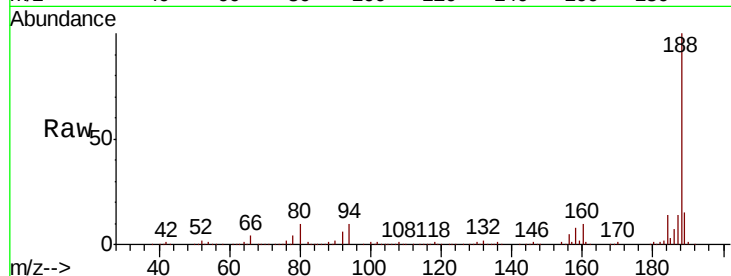
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Instrument :
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ClientSampleId :
S703-N-1.0-1.5-082119

Tot Ion	Ratio	Resp	Lower	Upper
188	100	359153		
94	9.8		8.2	12.4
80	10.4		8.9	13.3

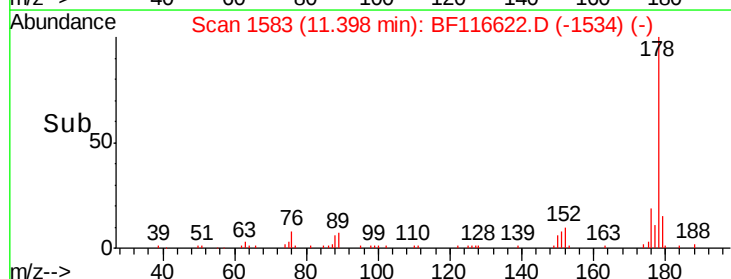
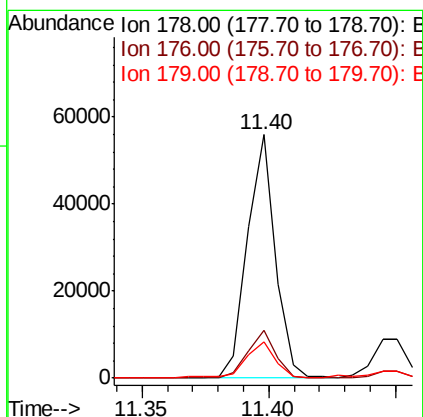
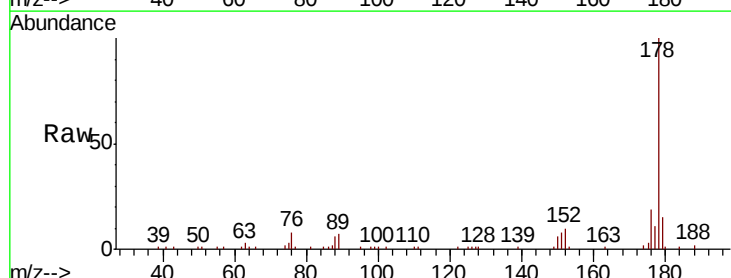
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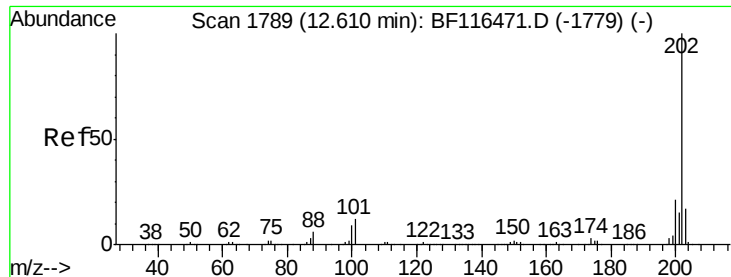
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#71
Phenanthrene
Concen: 2.218 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	42784		
176	19.4		15.5	23.3
179	15.0		12.4	18.6





#75

Fluoranthene

Concen: 5.448 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Instrument :

BNA_F

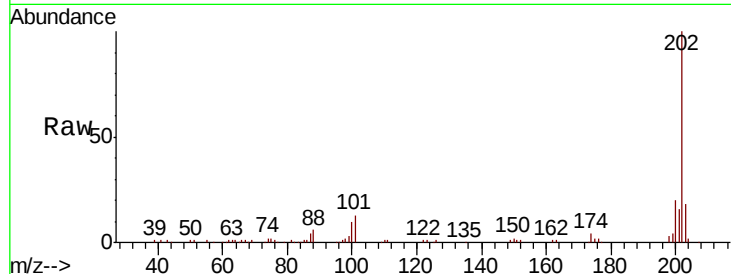
ClientSampleId :

S703-N-1.0-1.5-082119

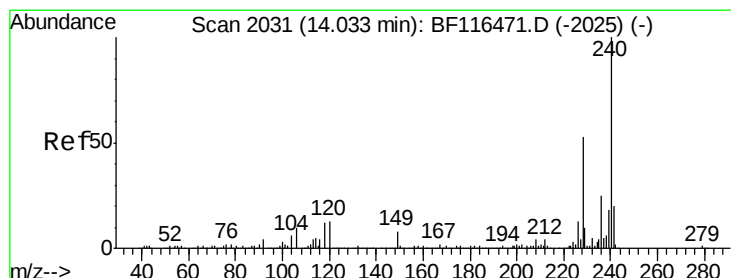
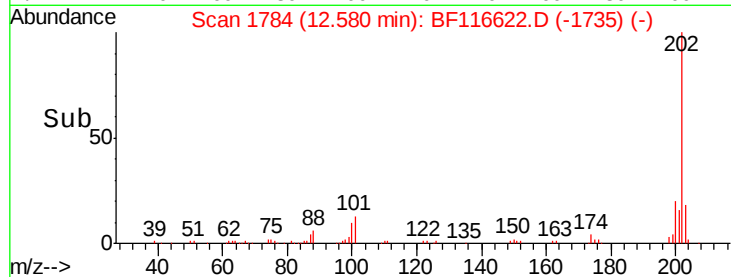
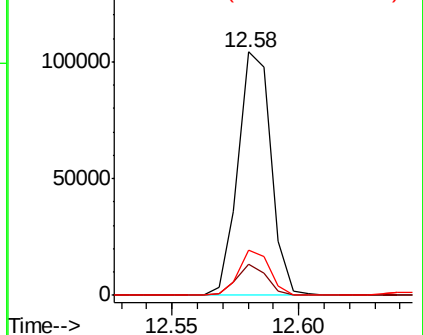
Tot Ion:	202	Resp:	94257
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.8
203	18.3	0.0	37.1

Manual Integrations
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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

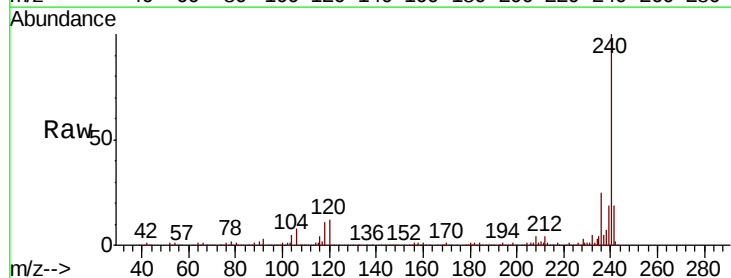
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

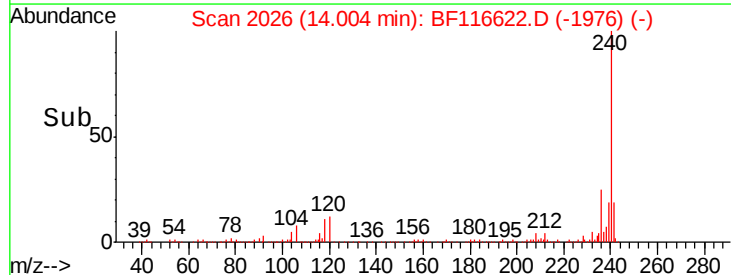
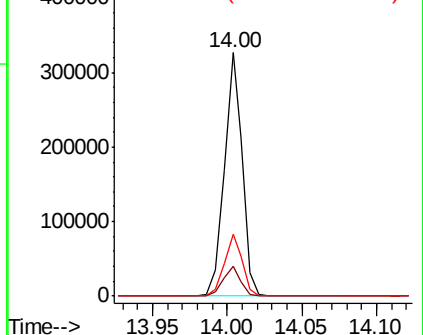
Lab File: BF116622.D

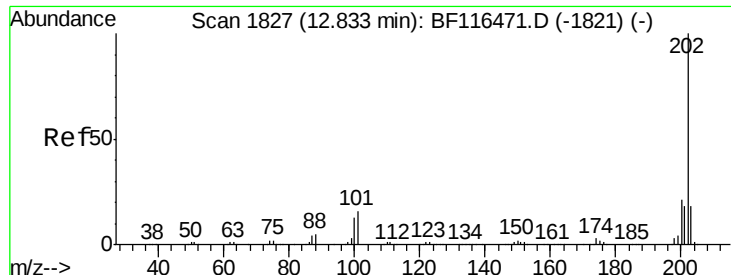
Acq: 28 Aug 2019 18:39

Tgt Ion:	240	Resp:	277047
Ion Ratio	Lower	Upper	
240	100		
120	12.2	11.3	16.9
236	25.5	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





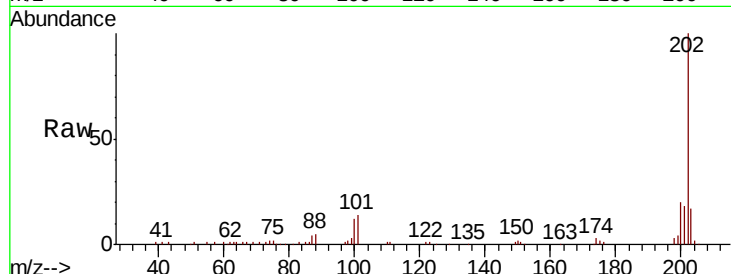
#78
Pvrene
Concen: 3.159 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

Instrument :
BNA_F
ClientSampleId :
S703-N-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.0
203	17.4	14.2	21.4

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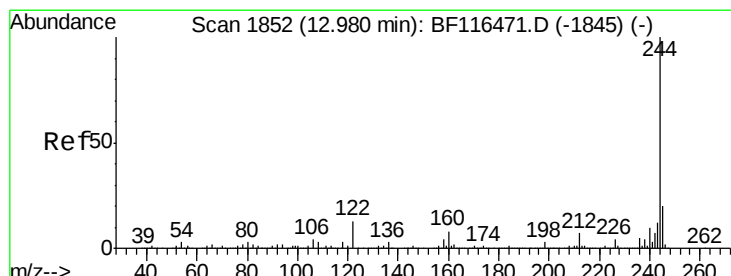
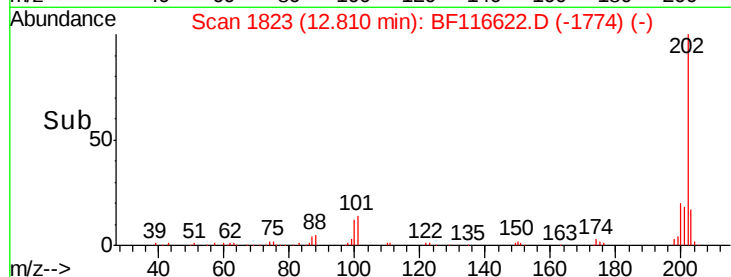
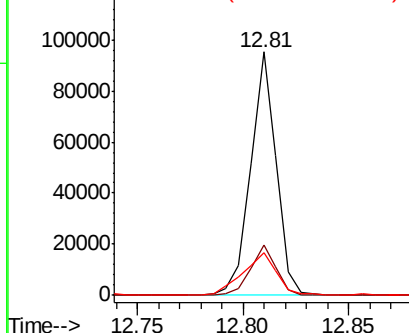


Abundance

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



#79
Terphenyl-d14
Concen: 65.476 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF116622.D
Acq: 28 Aug 2019 18:39

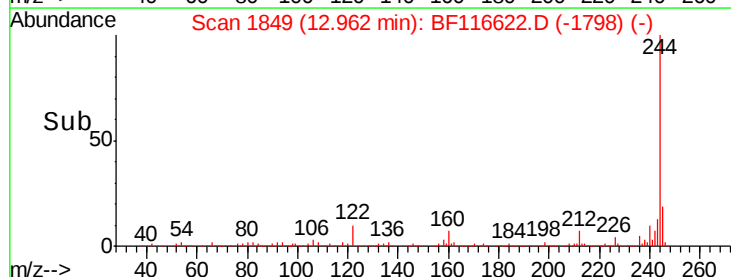
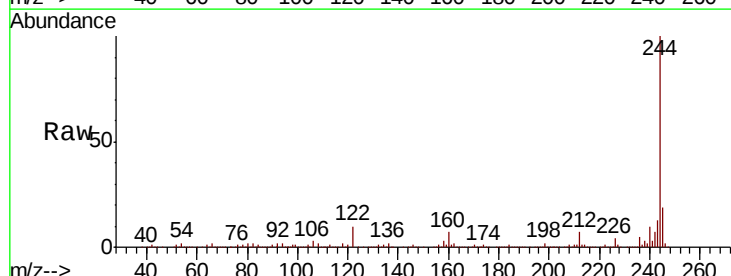
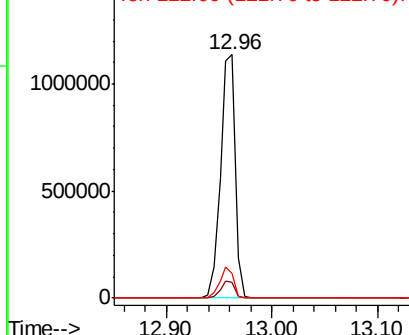
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.1	10.0	15.0

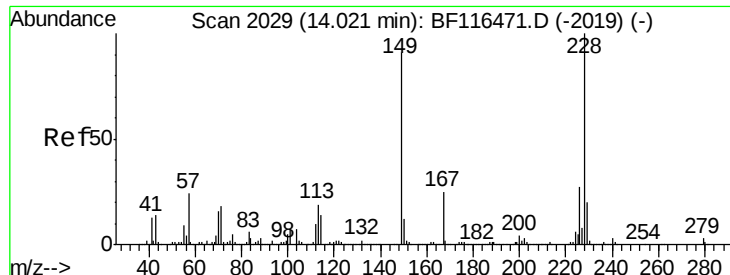
Abundance

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





#81

Benzo(a)anthracene

Concen: 2.109 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Instrument :

BNA_F

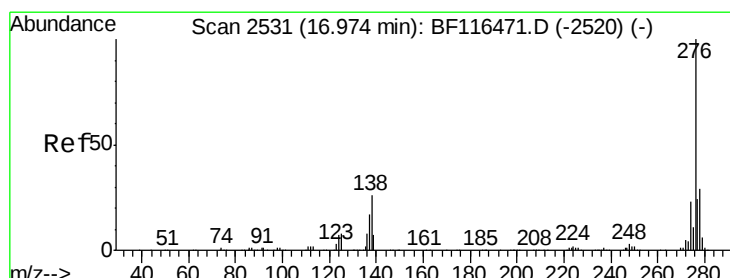
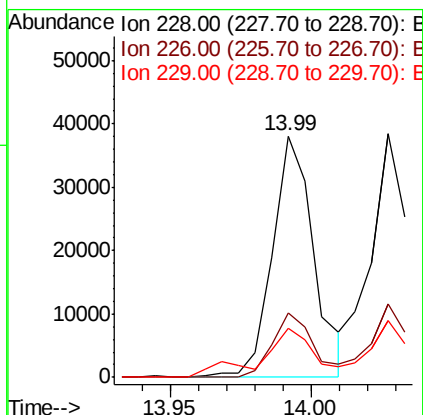
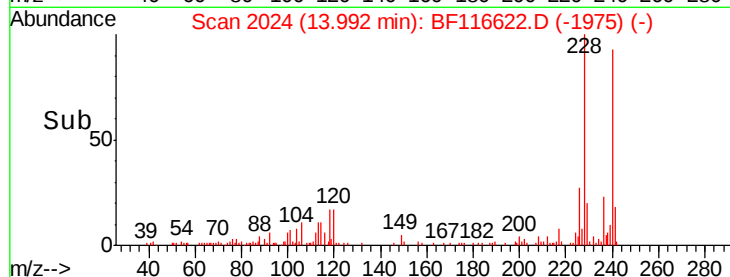
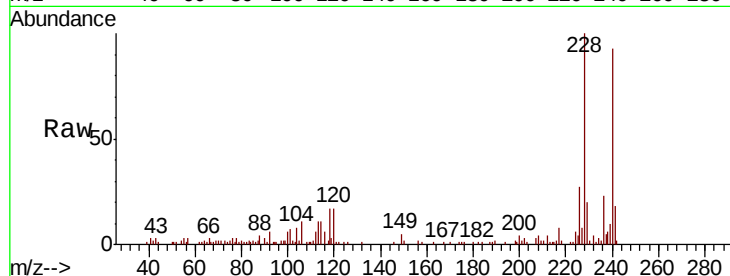
ClientSampleId :

S703-N-1.0-1.5-082119

Tot Ion:	228	Resp:	38956
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.5	32.3
229	20.5	15.4	23.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.803 ng

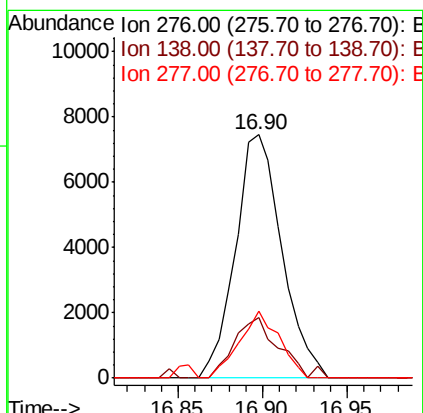
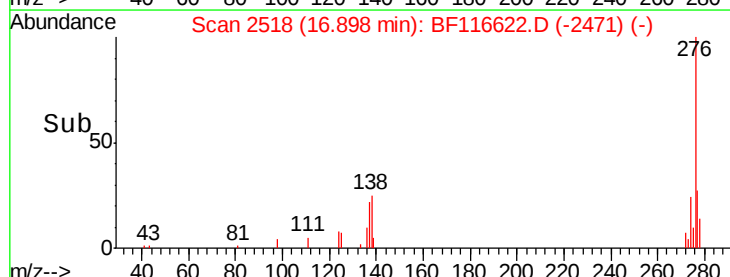
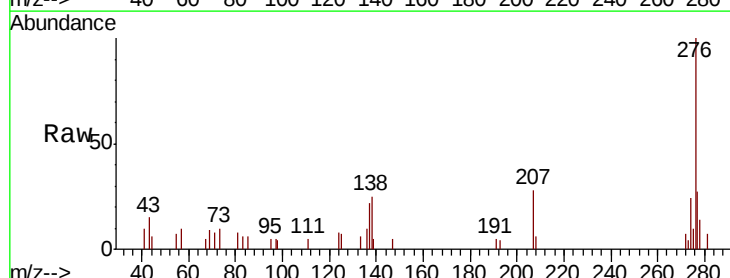
RT: 16.90 min Scan# 2518

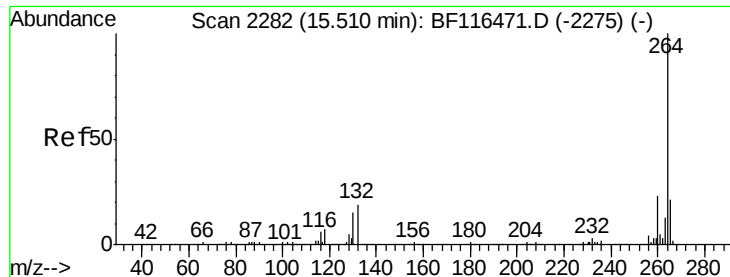
Delta R.T. -0.02 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Tgt Ion:	276	Resp:	14290
Ion Ratio	Lower	Upper	
276	100		
138	24.1	21.5	32.3
277	23.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Instrument :

BNA_F

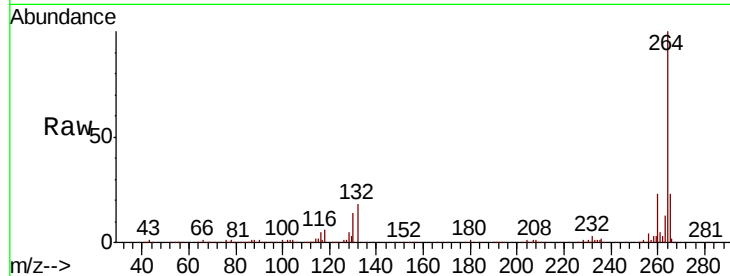
ClientSampleId :

S703-N-1.0-1.5-082119

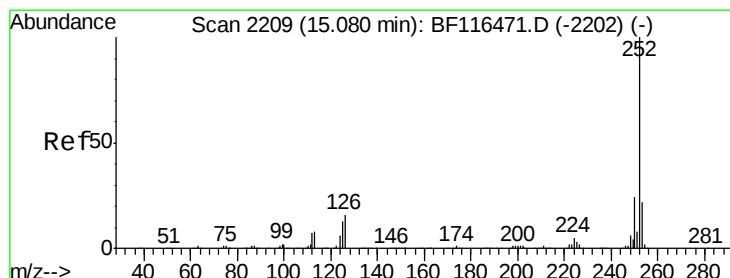
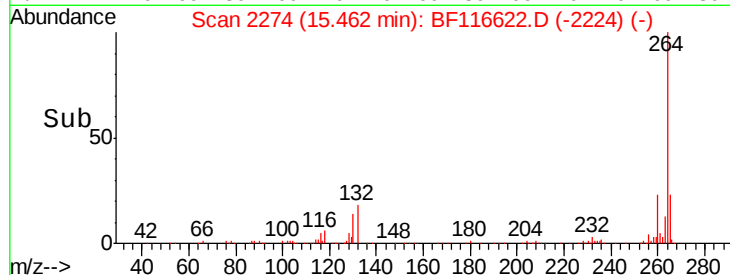
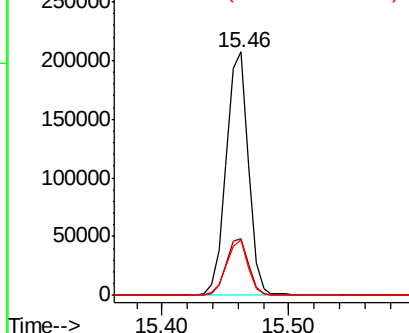
Tot Ion:	264	Resp:	251268
Ion Ratio		Lower	Upper
264	100		
260	23.4	20.0	30.0
265	22.6	17.6	26.4

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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: 2.484 ng m

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF116622.D

Acq: 28 Aug 2019 18:39

Tgt Ion:	252	Resp:	38330
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.3	25.9
125	13.7	9.0	13.6#

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

