

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120409.D
 Acq On : 28 May 2020 15:41
 Operator : MA/SJ
 Sample : L2771-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-1

Manual Integrations
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Quant Time: Jun 03 03:37:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	294542	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1076326	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	531676	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	928993	20.00	ng	0.00
76) Chrysene-d12	13.99	240	504558	20.00	ng	0.00
86) Perylene-d12	15.45	264	538288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1348143	87.23	ng	0.00
7) Phenol-d6	6.46	99	1777873	93.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	1154073	70.14	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	491841	99.84	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2130392	67.99	ng	0.00
79) Terphenyl-d14	12.94	244	1849721	81.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	427463	12.860	ng	99
71) Phenanthrene	11.38	178	92679	2.264	ng	98
78) Pyrene	12.79	202	126294m	3.599	ng	

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

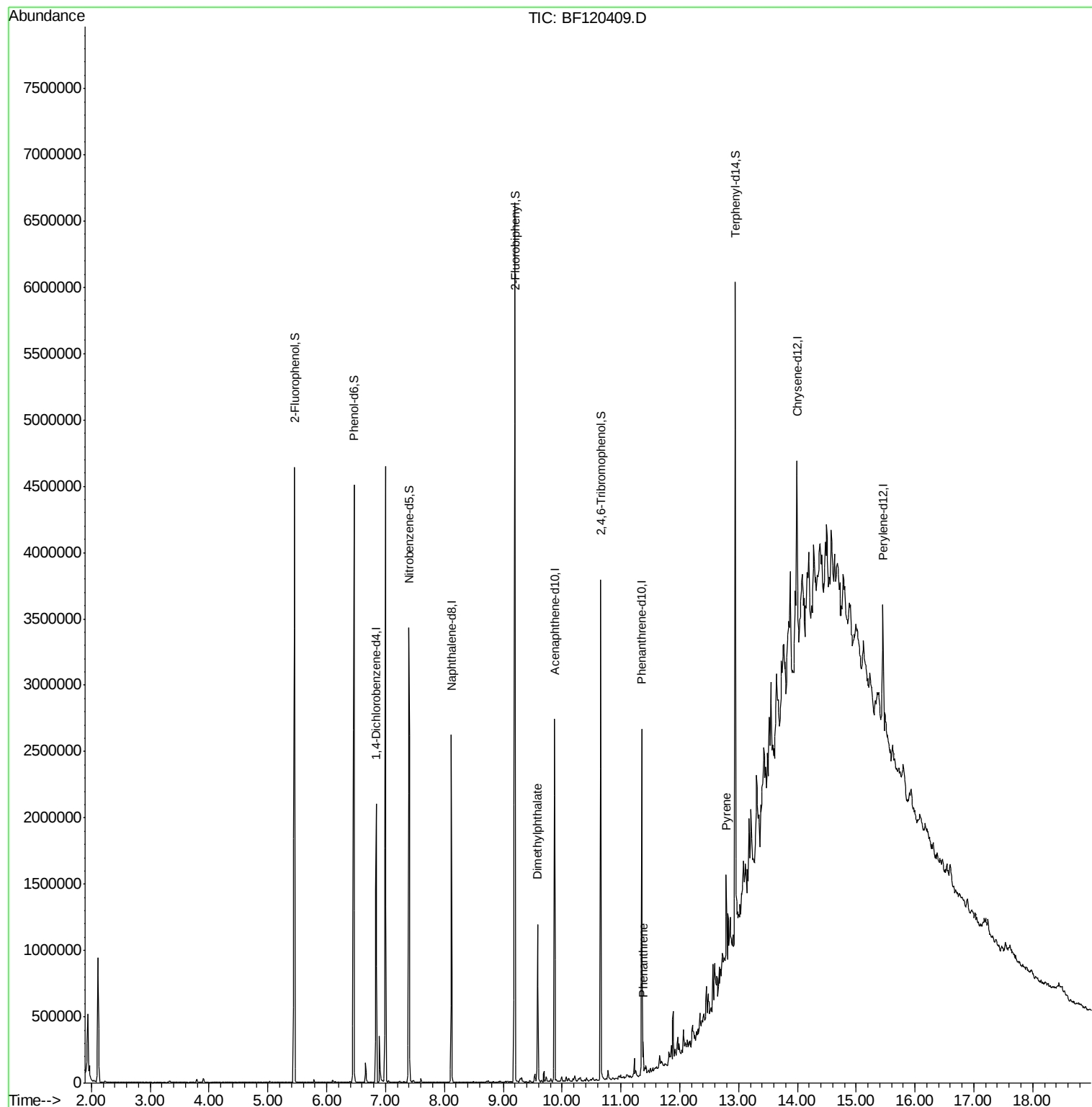
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120409.D
Acq On : 28 May 2020 15:41
Operator : MA/SJ
Sample : L2771-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

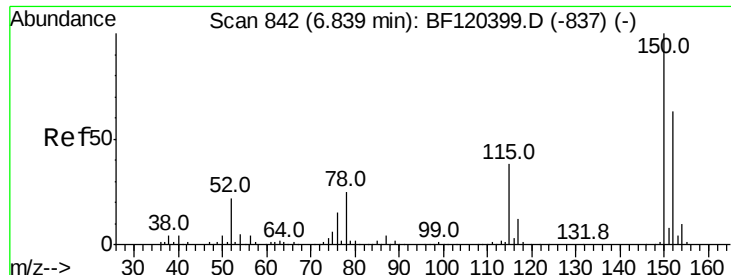
Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Quant Time: Jun 03 03:37:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:47:54 2020
Response via : Initial Calibration

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#1

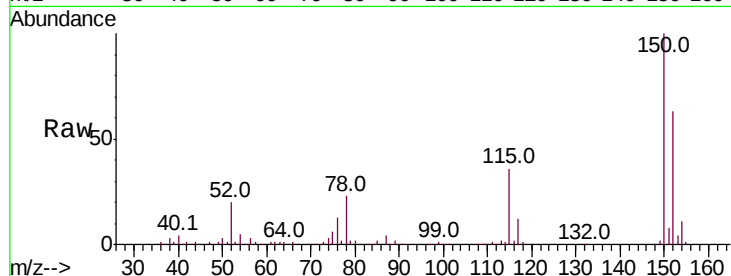
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.5	189.7
115	57.3	47.6	71.4

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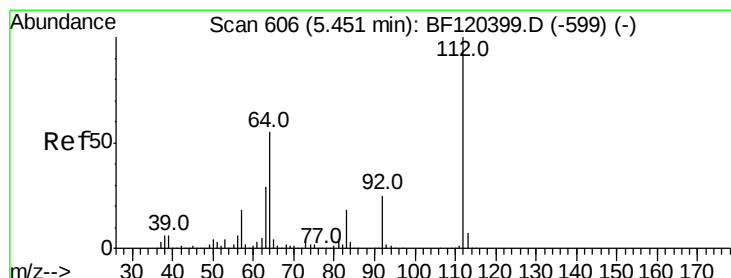
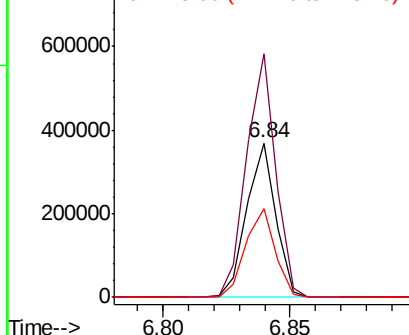
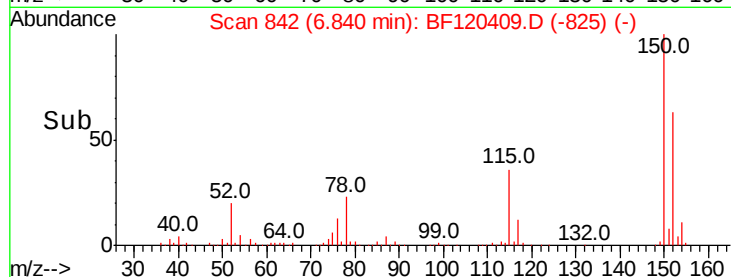


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

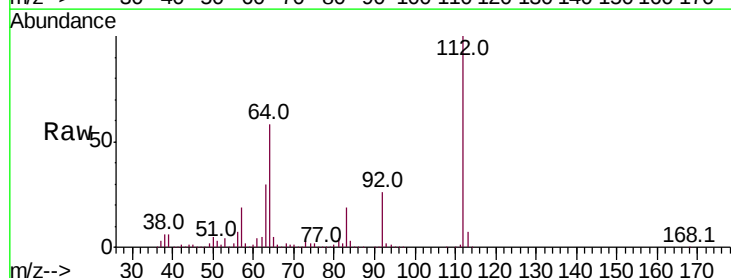
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.228 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.3	66.5
63	30.5	22.9	34.3

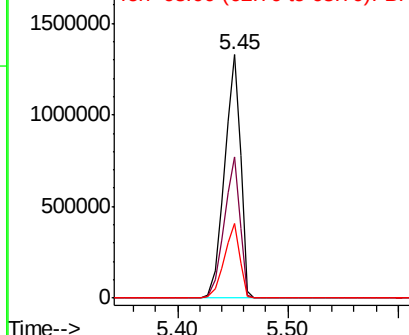
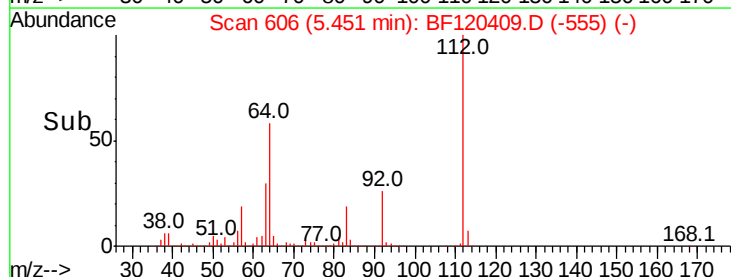


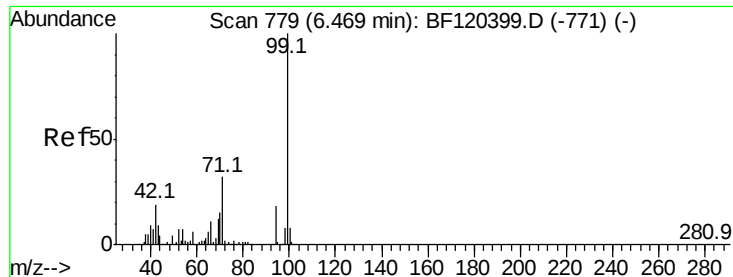
Abundance

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: 93.327 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120409.D

Acq: 28 May 2020 15:41

Instrument :

BNA_F

ClientSampleId :

ISLAND-BETWEEN-G-H-1

Tot Ion: 99 Resp: 1777873

Ion Ratio Lower Upper

99 100

42 19.3 15.2 22.8

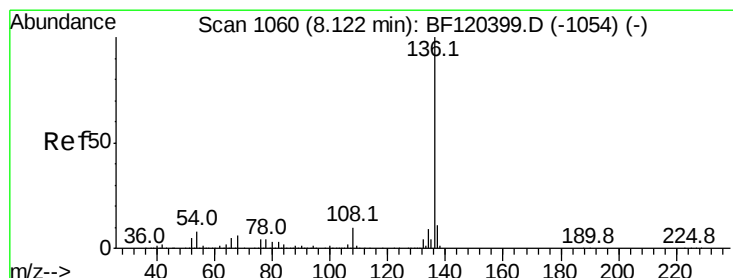
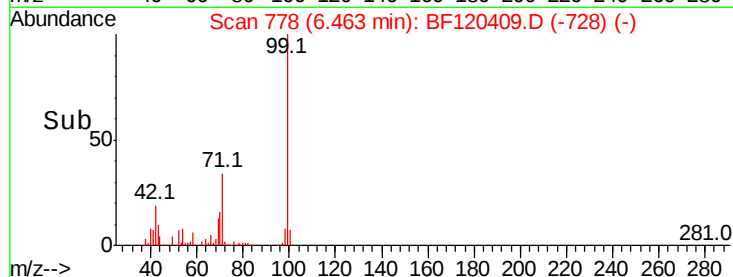
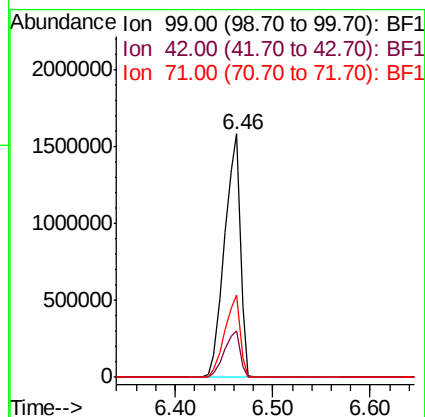
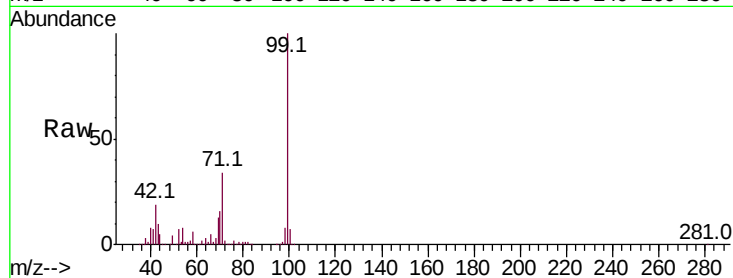
71 33.7 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120409.D

Acq: 28 May 2020 15:41

Tgt Ion: 136 Resp: 1076326

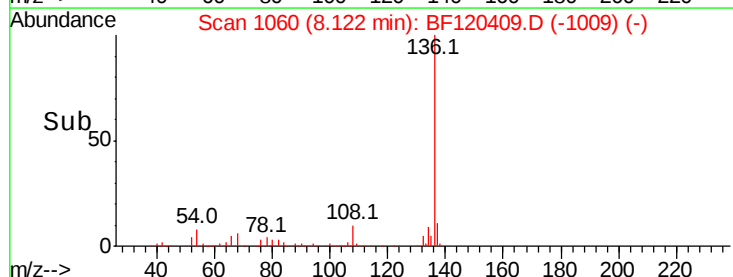
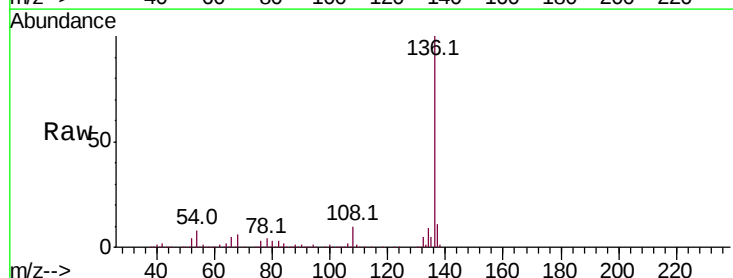
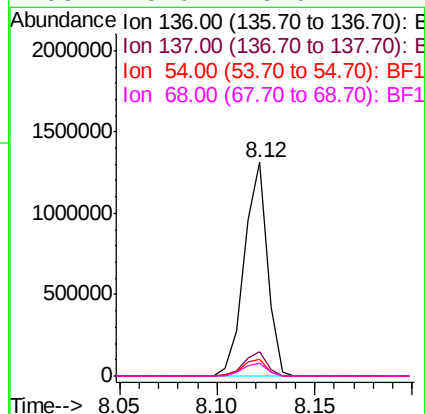
Ion Ratio Lower Upper

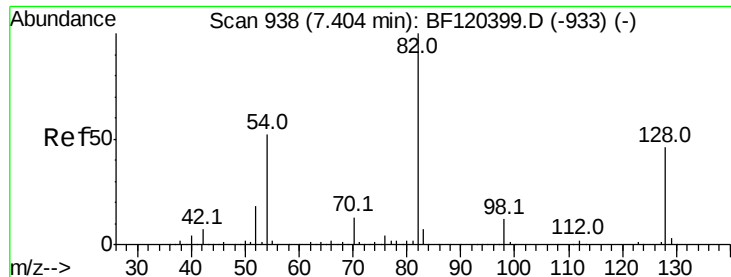
136 100

137 11.3 9.1 13.7

54 7.8 6.7 10.1

68 6.0 5.0 7.4





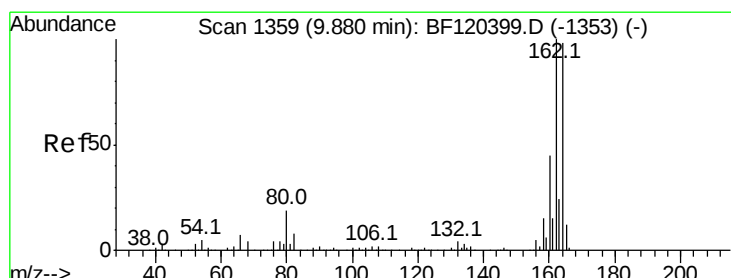
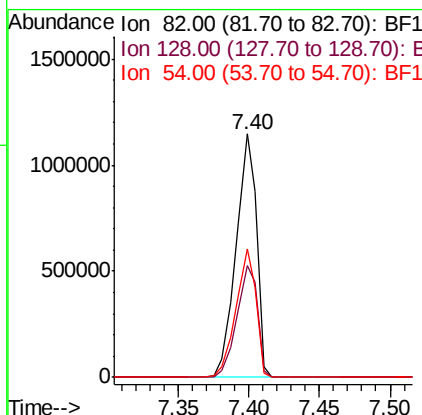
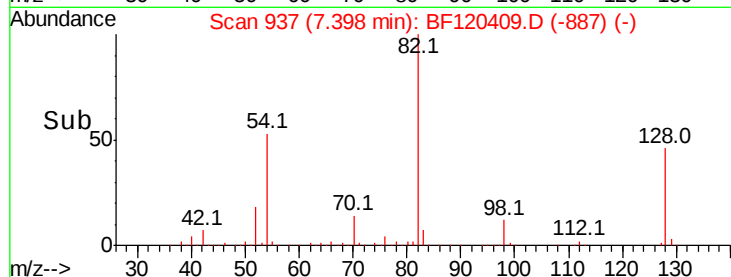
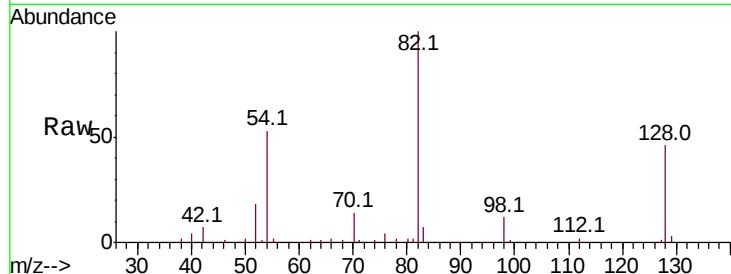
#23
Nitrobenzene-d5
Concen: 70.138 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Tot Ion: 82 Resp: 1154073
Ion Ratio Lower Upper
82 100
128 45.9 36.8 55.2
54 52.7 41.6 62.4

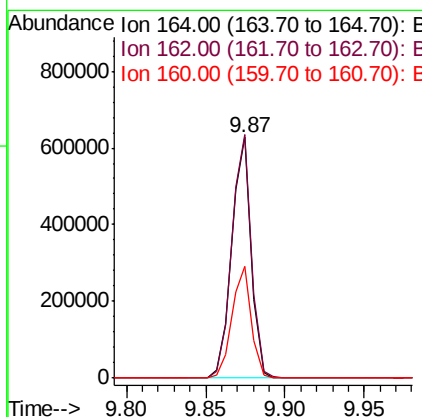
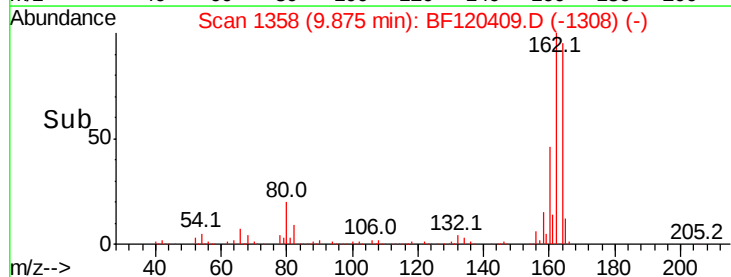
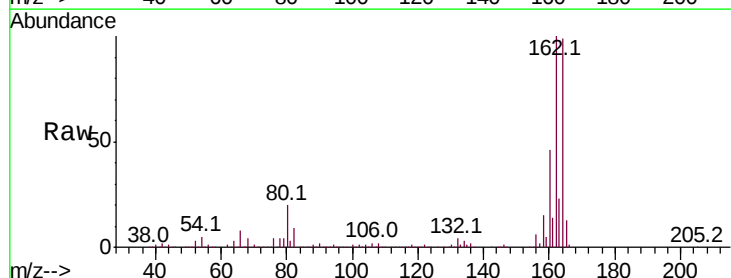
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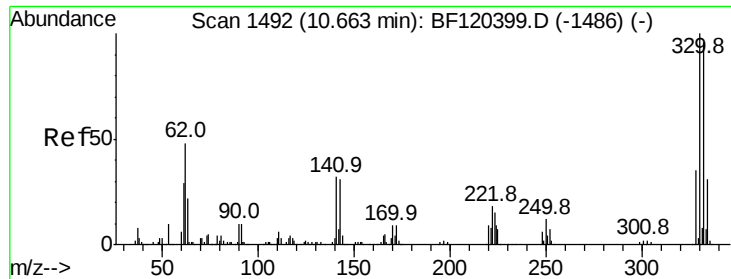
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Tgt Ion:164 Resp: 531676
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 46.2 36.9 55.3





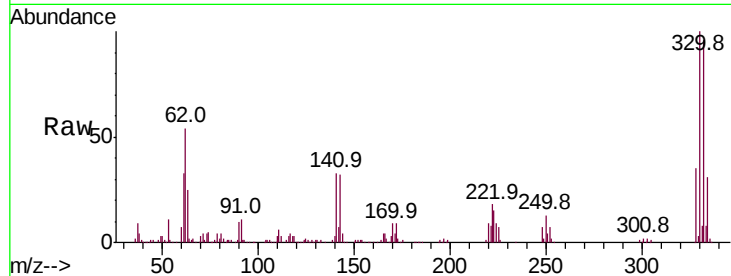
#42
 2,4,6-Tribromophenol
 Concen: 99.842 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120409.D
 Acq: 28 May 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.4	25.3	37.9

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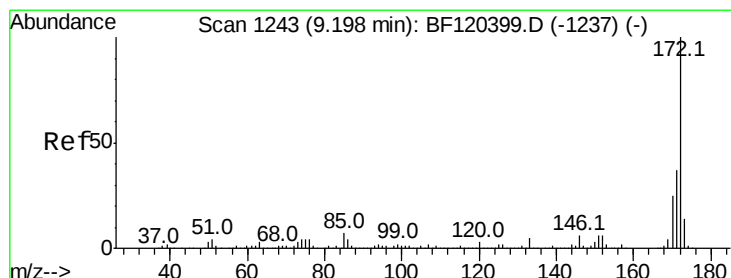
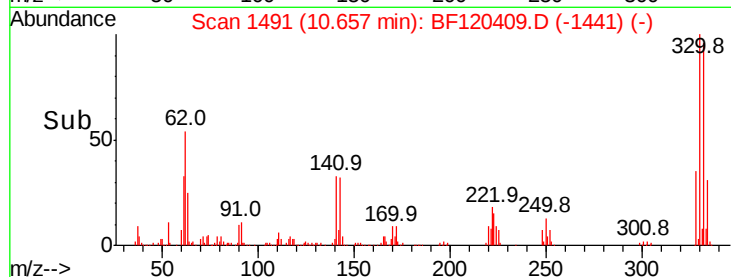
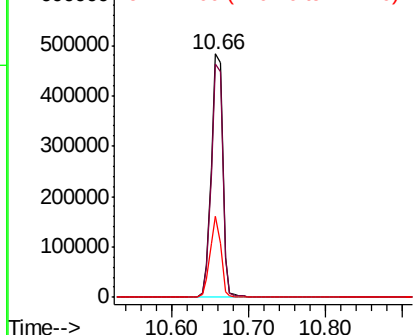


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.985 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120409.D
 Acq: 28 May 2020 15:41

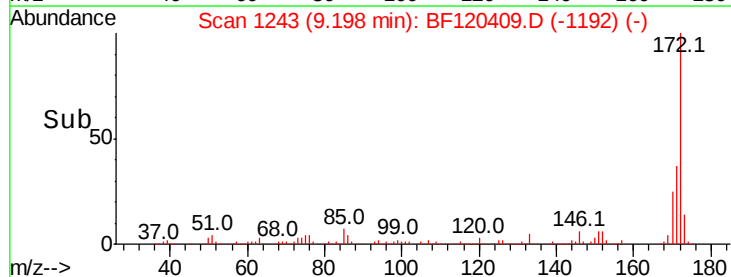
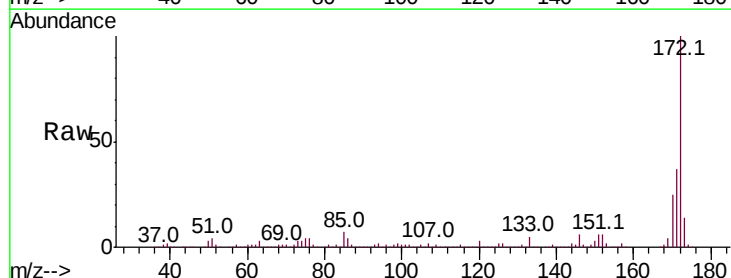
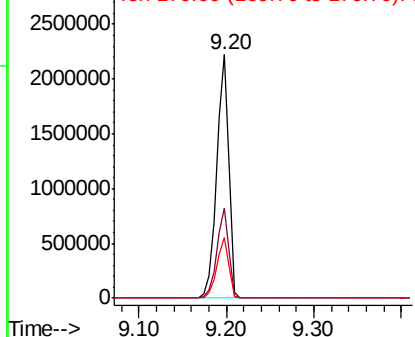
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.9	29.9

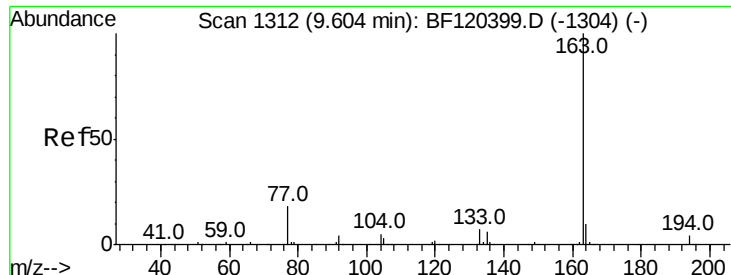
Abundance

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





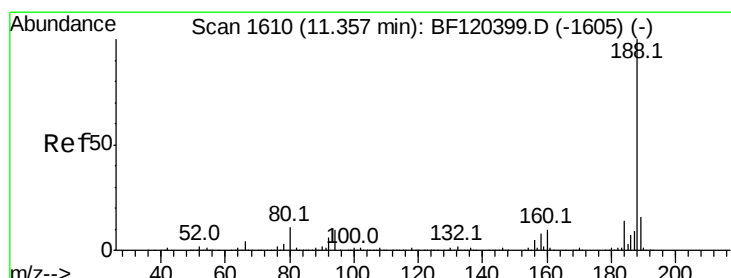
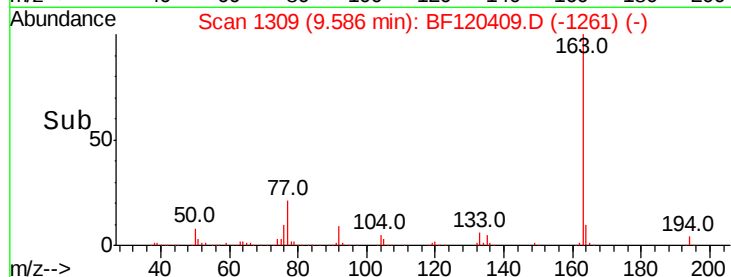
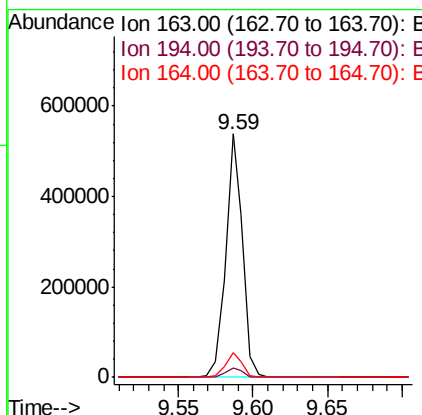
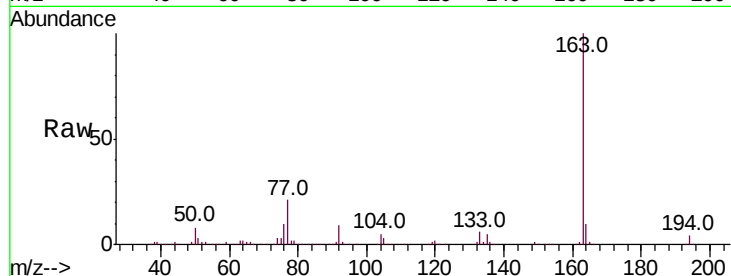
#50
Dimethylphthalate
Concen: 12.860 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	427463		
194	4.0		3.3	4.9
164	10.2		8.3	12.5

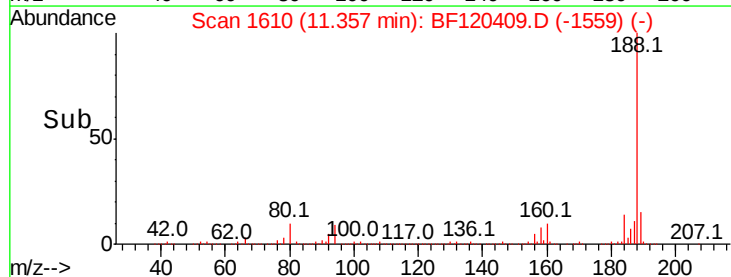
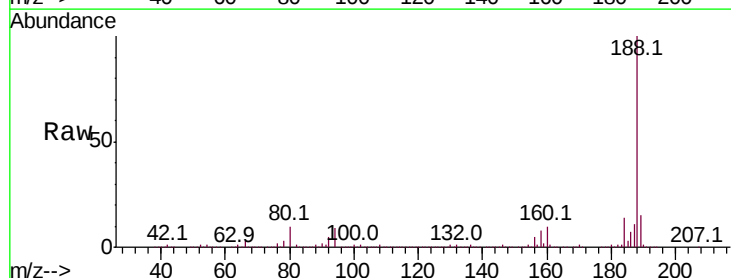
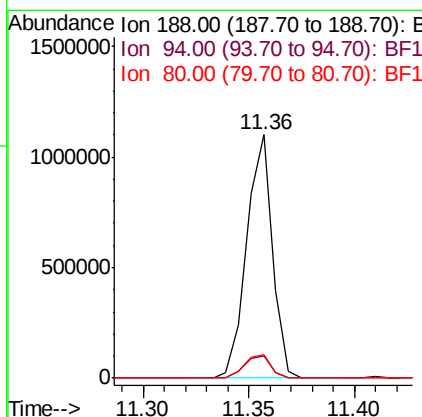
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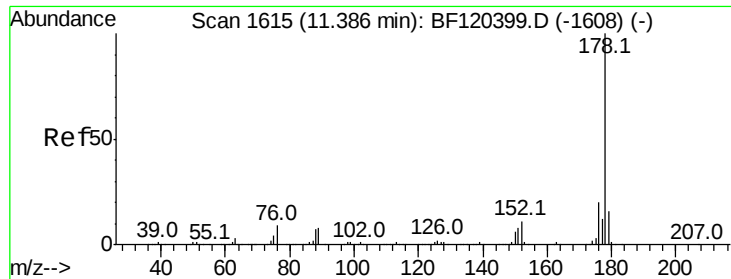
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	928993		
94	9.2		7.9	11.9
80	9.6		8.6	13.0





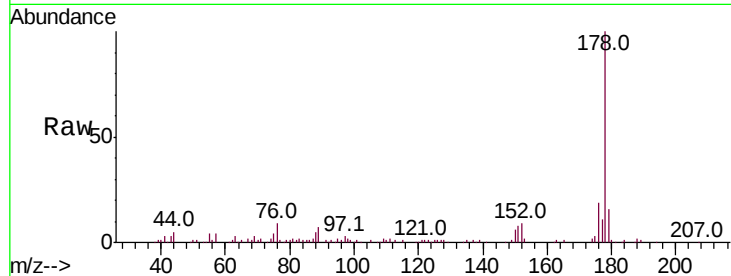
#71
 Phenanthrene
 Concen: 2.264 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF120409.D
 Acq: 28 May 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-1

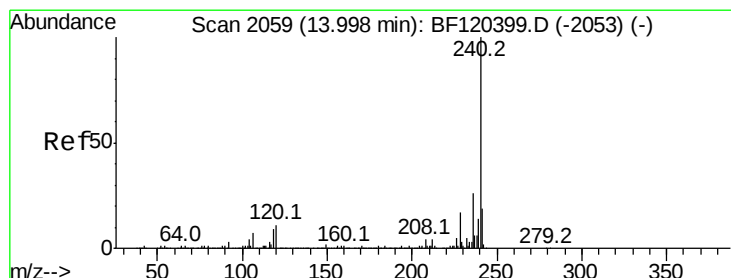
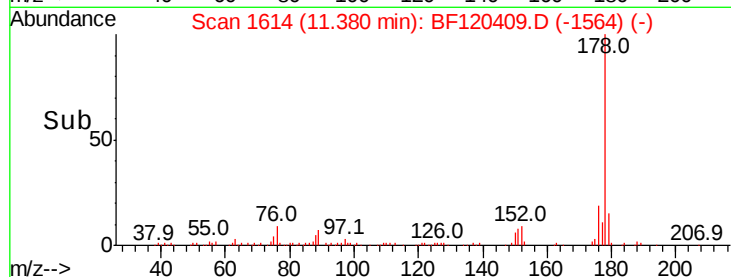
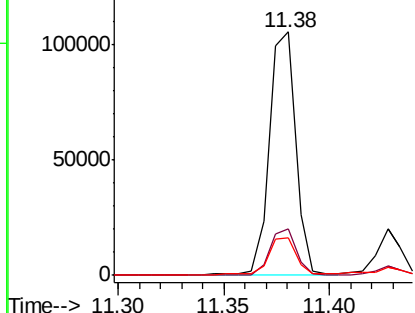
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.6	13.0	19.4

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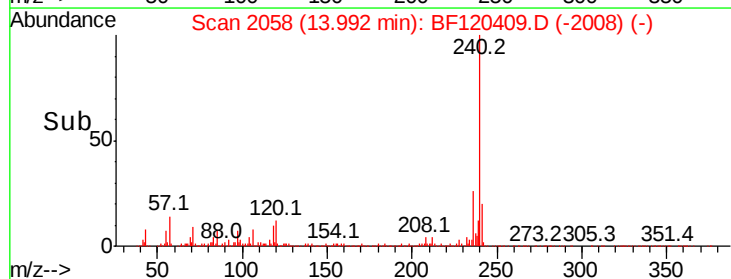
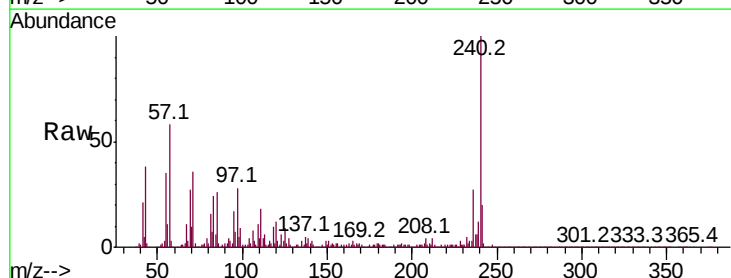
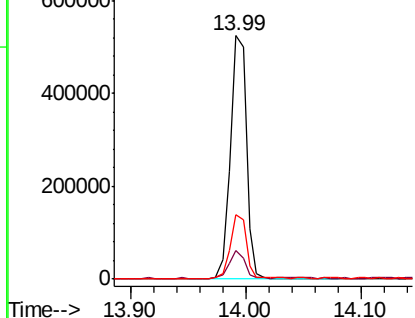
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

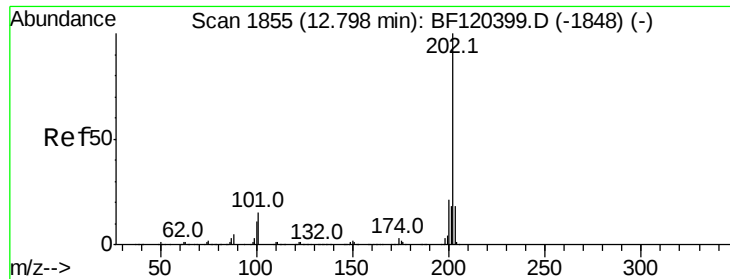


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF120409.D
 Acq: 28 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.8	13.2
236	26.5	21.0	31.4

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





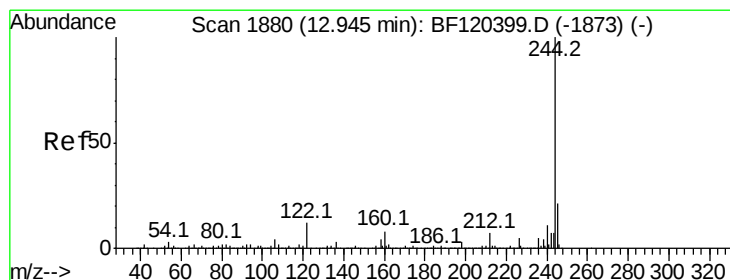
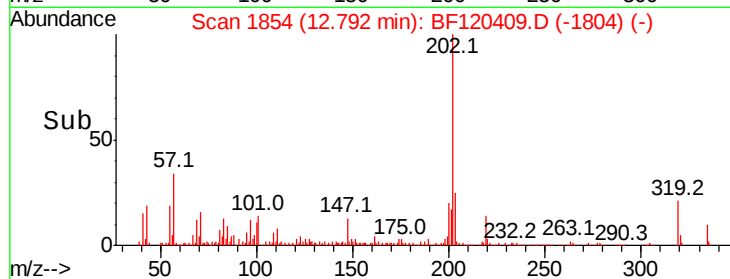
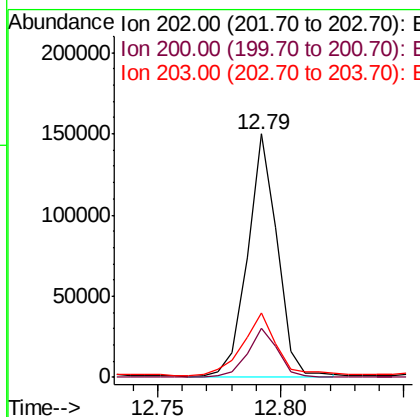
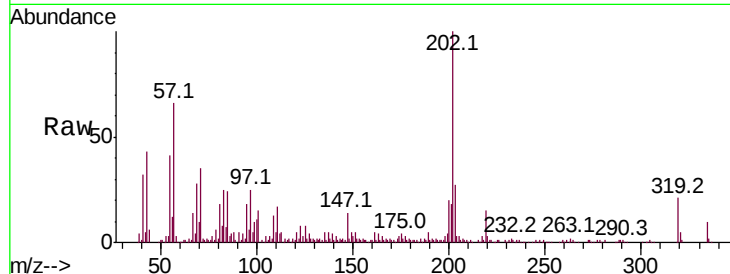
#78
Pvrene
Concen: 3.599 ng/mL
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.1	17.0	25.4
203	26.7	14.7	22.1

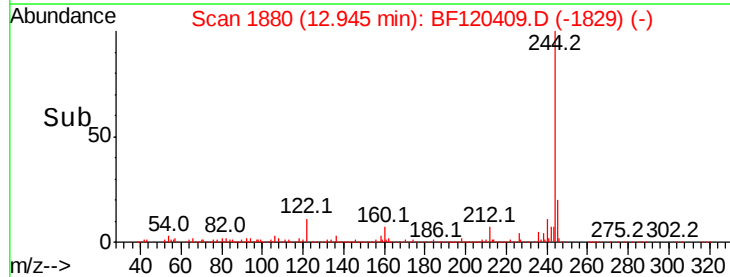
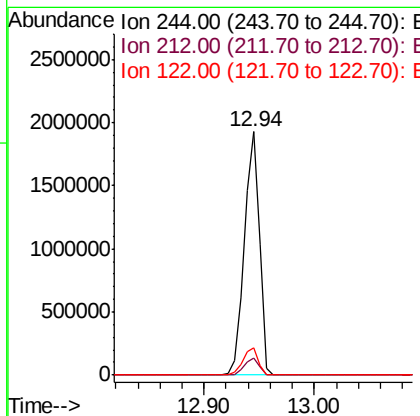
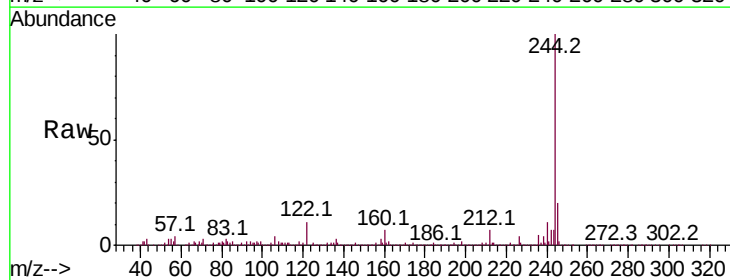
Manual Integrations
APPROVED

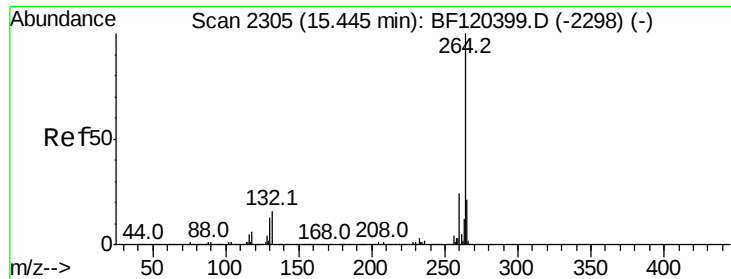
mohammad
5/29/2020 10:28:00 PM



#79
Terphenyl-d14
Concen: 81.578 ng/mL
RT: 12.94 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.2	13.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120409.D
Acq: 28 May 2020 15:41

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-1

Tot Ion:	264	Resp:	538288
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.9	16.9	25.3

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