

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140119.D
 Acq On : 29 Oct 2024 18:37
 Operator : RC/JU
 Sample : P4597-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 01:03:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	129583	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	523406	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	298630	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	522278	20.000	ng	0.00
76) Chrysene-d12	14.063	240	261589	20.000	ng	0.01
86) Perylene-d12	15.580	264	276912	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	636575	76.904	ng	0.00
7) Phenol-d6	6.504	99	827285	77.167	ng	0.00
23) Nitrobenzene-d5	7.446	82	561622	59.470	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236683	84.733	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1041359	57.632	ng	0.00
79) Terphenyl-d14	12.998	244	929553	57.903	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.622	202	89616	3.593	ng	99
78) Pyrene	12.851	202	69758	3.047	ng	99
83) Chrysene	14.086	228	32173	2.061	ng	99
88) Benzo(b)fluoranthene	15.139	252	38575m	2.287	ng	

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

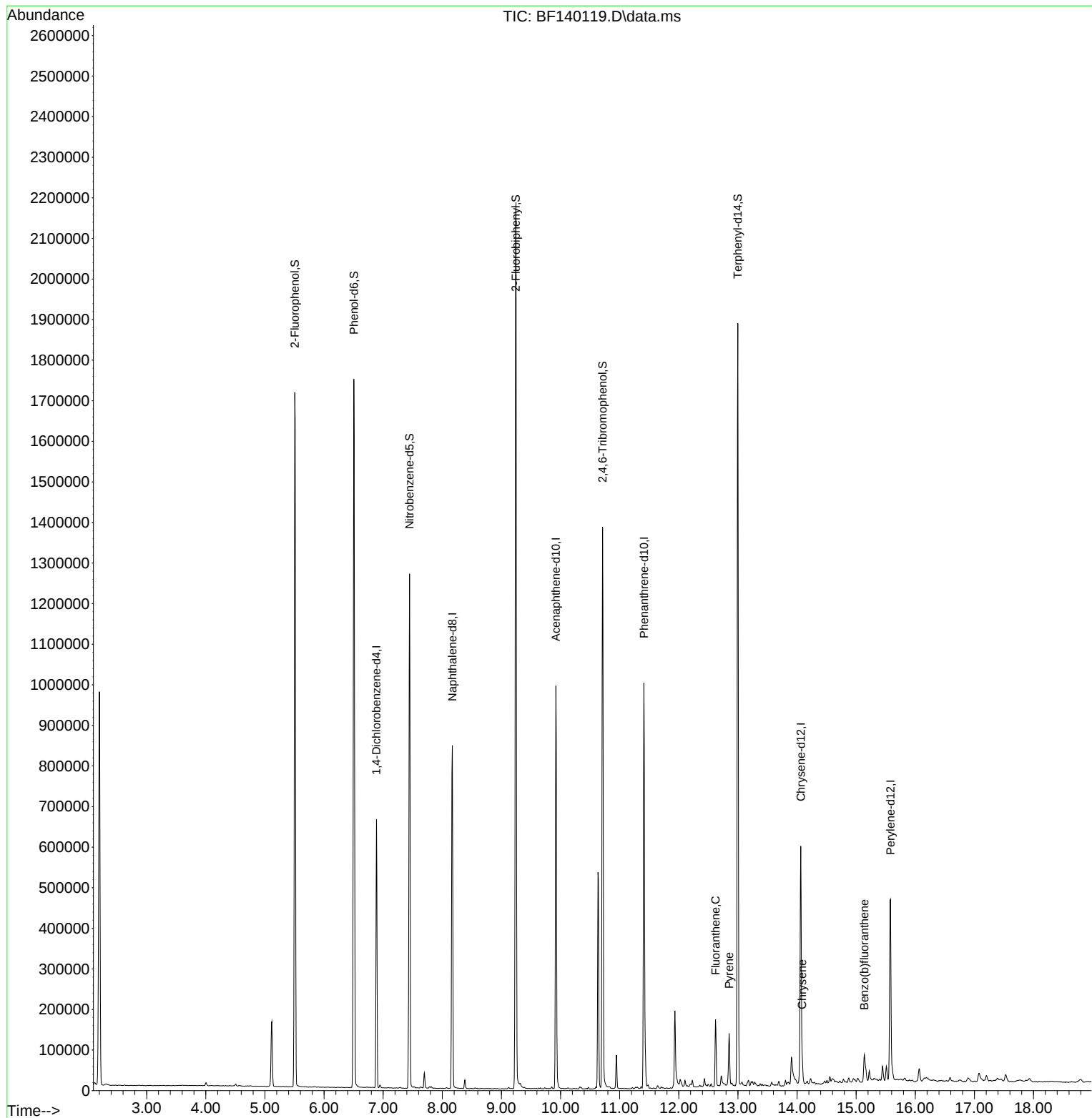
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140119.D
Acq On : 29 Oct 2024 18:37
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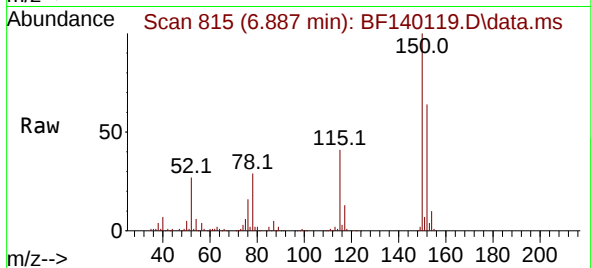
Quant Time: Oct 30 01:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

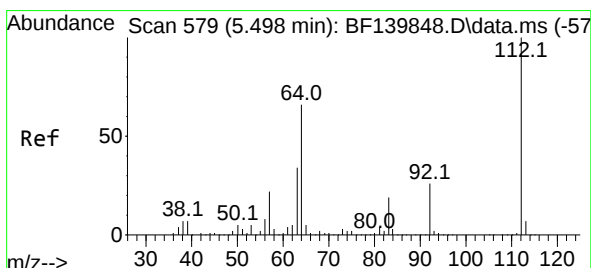
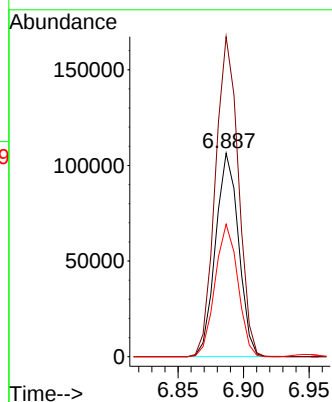
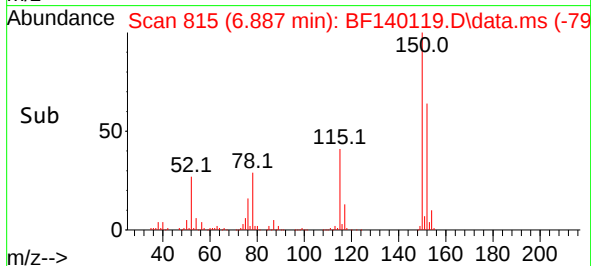
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



Tgt Ion:152 Resp: 12958
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 65.1 51.4 77.2

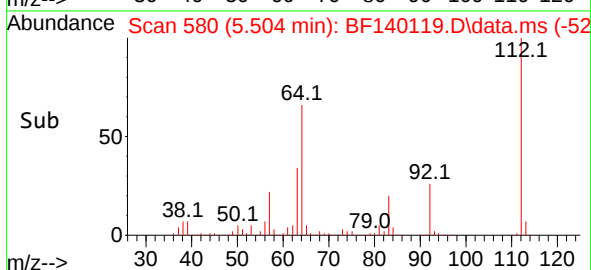
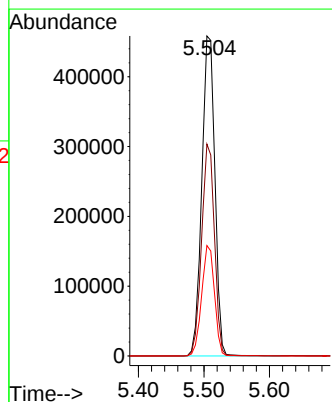
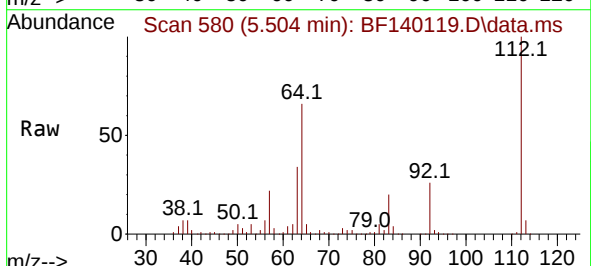
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Supervised By :mohammad ahmed 11/04/2024



#5
2-Fluorophenol
Concen: 76.904 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

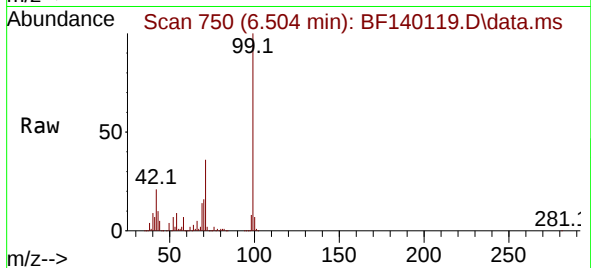
Tgt Ion:112 Resp: 636575
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 34.5 27.0 40.4





#7
Phenol-d6
Concen: 77.167 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

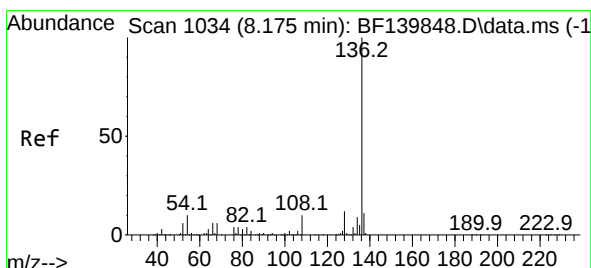
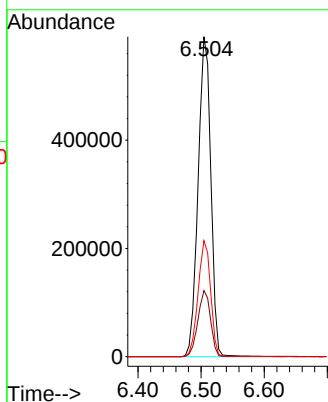
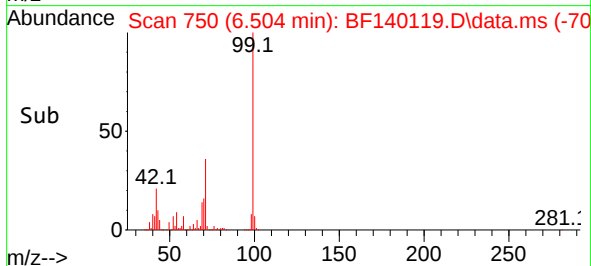
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



Tgt Ion: 99 Resp: 82728
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.3 27.7 41.5

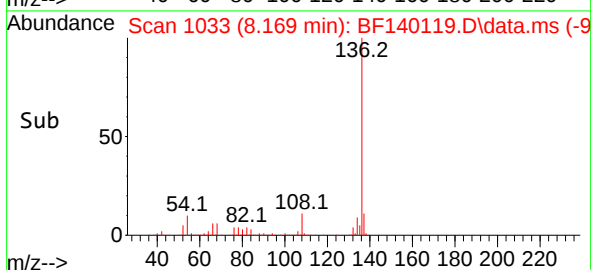
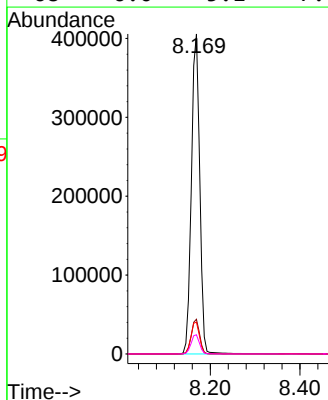
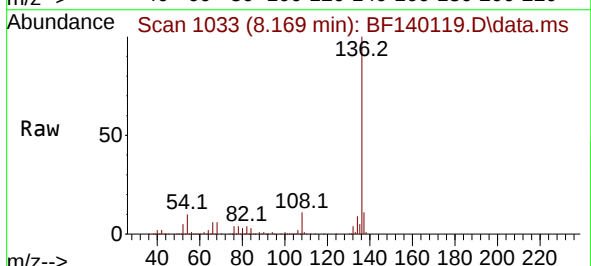
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Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

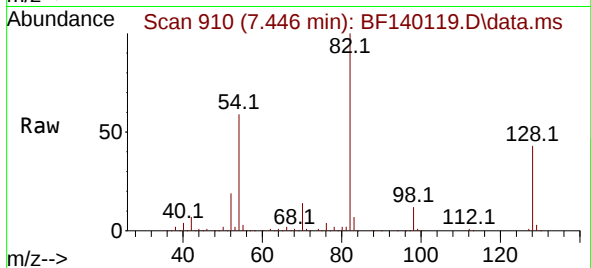
Tgt Ion:136 Resp: 523406
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 6.0 5.1 7.7





#23
Nitrobenzene-d5
Concen: 59.470 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

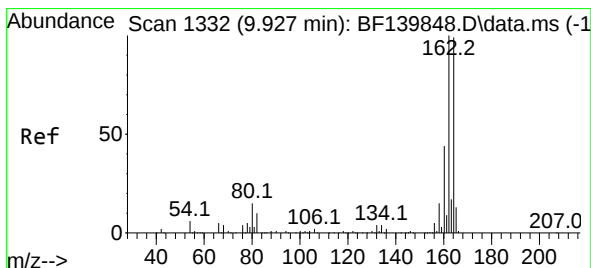
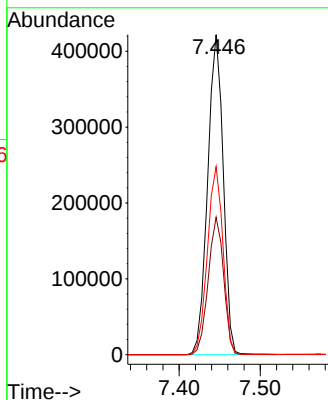
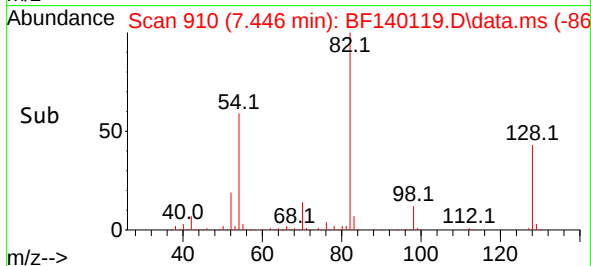
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



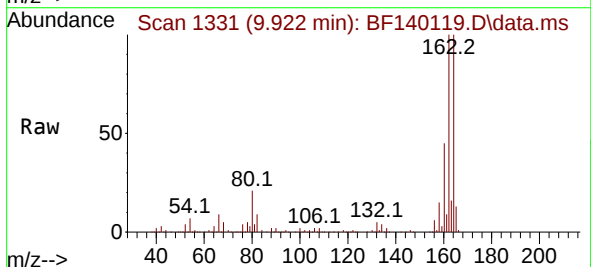
Tgt Ion: 82 Resp: 56162
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.0
54 58.8 47.8 71.8

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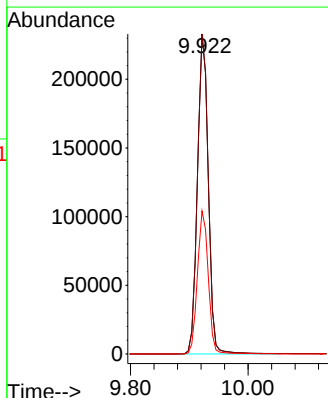
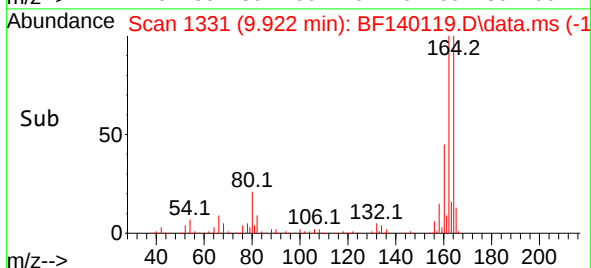
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37



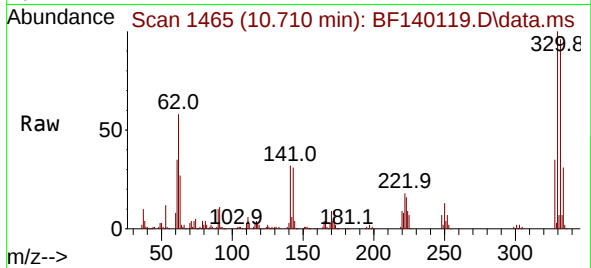
Tgt Ion:164 Resp: 298630
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.7 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 84.733 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

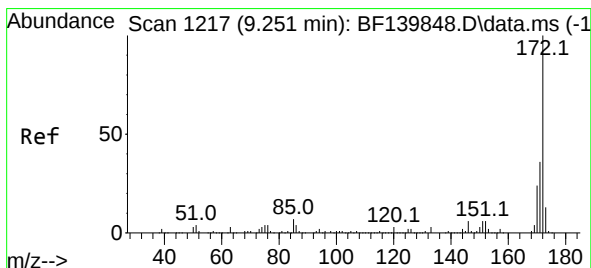
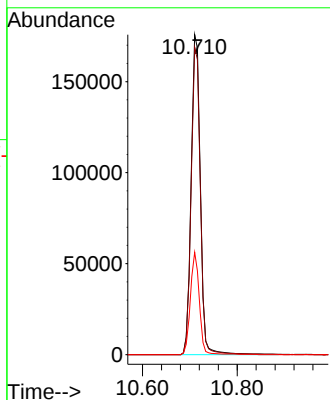
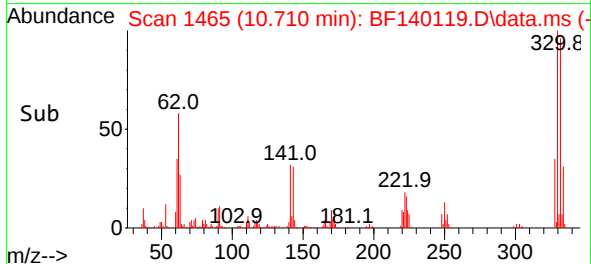
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



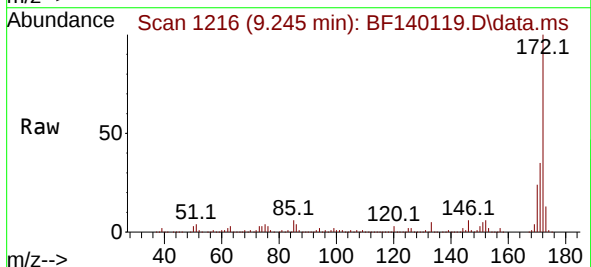
Tgt Ion: 330 Resp: 23668
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 31.2 26.6 39.8

Manual Integrations
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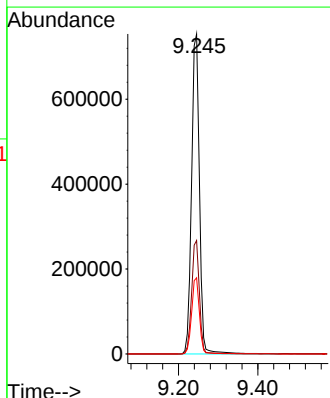
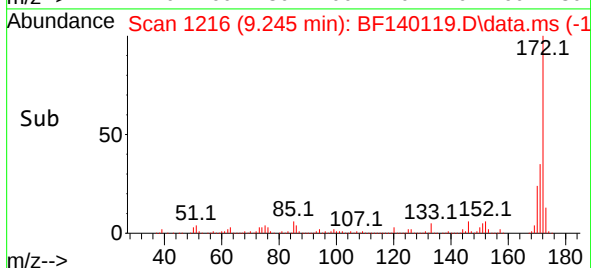
Reviewed By : Jagrut Upadhyay 10/30/2024
Supervised By : mohammad ahmed 11/04/2024



#45
2-Fluorobiphenyl
Concen: 57.632 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37



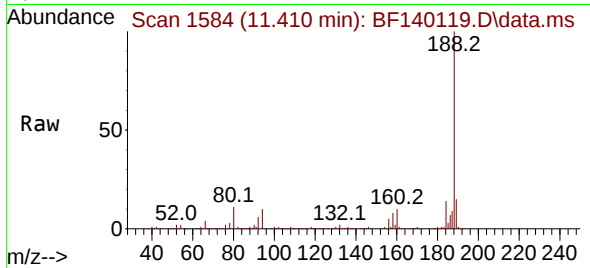
Tgt Ion: 172 Resp: 1041359
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

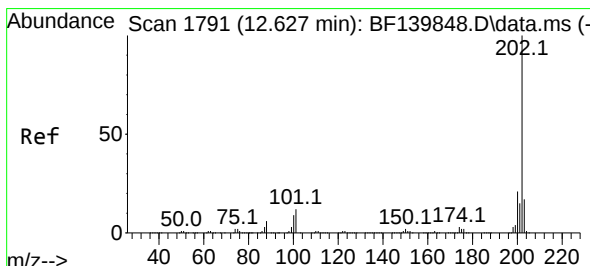
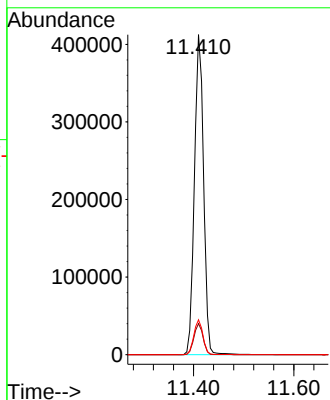
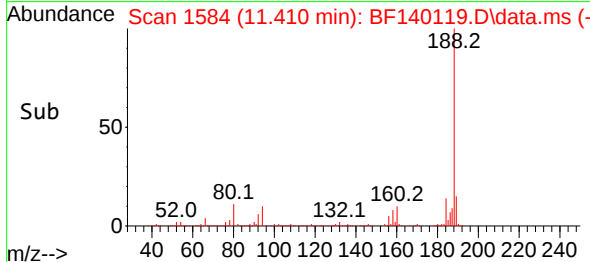
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



Tgt Ion:188 Resp: 522278
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.9 9.0 13.4

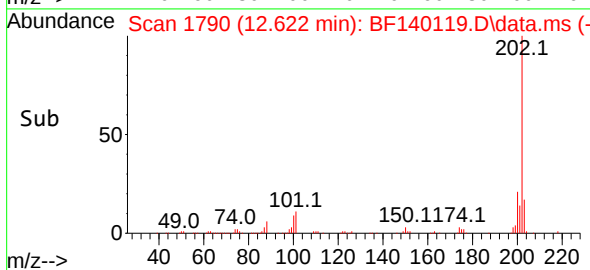
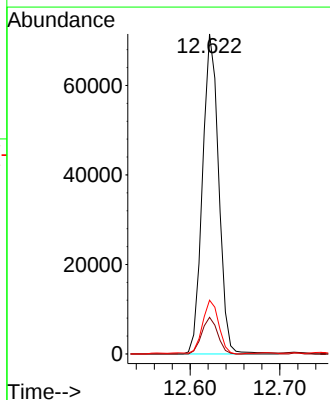
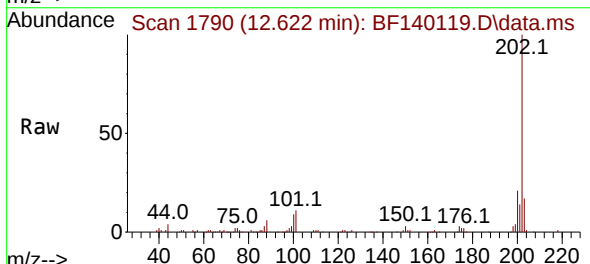
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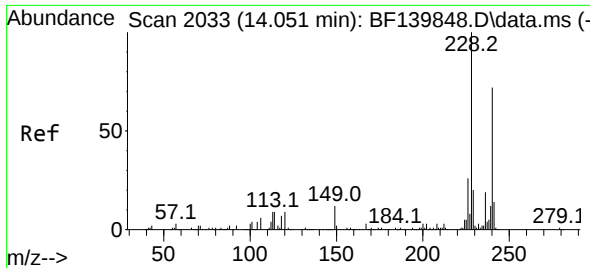
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#75
Fluoranthene
Concen: 3.593 ng
RT: 12.622 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

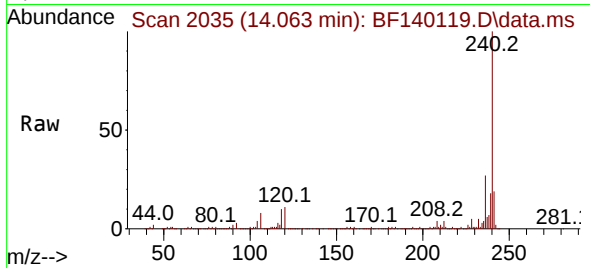
Tgt Ion:202 Resp: 89616
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 16.8 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

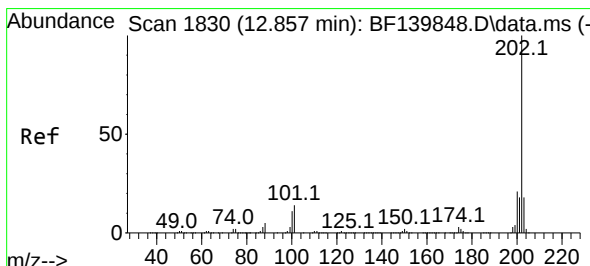
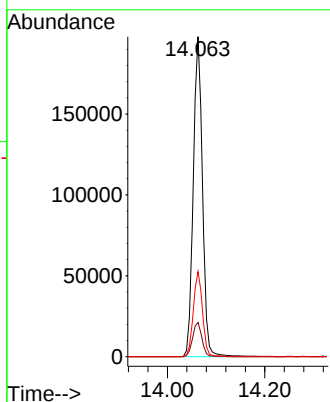
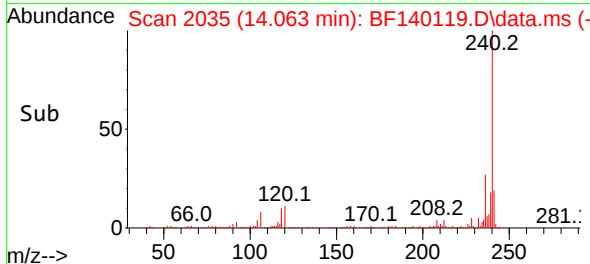
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1



Tgt Ion:240 Resp: 261589
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.6 20.9 31.3

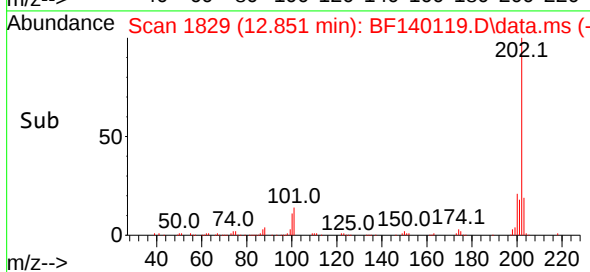
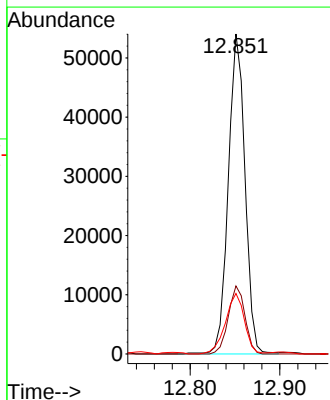
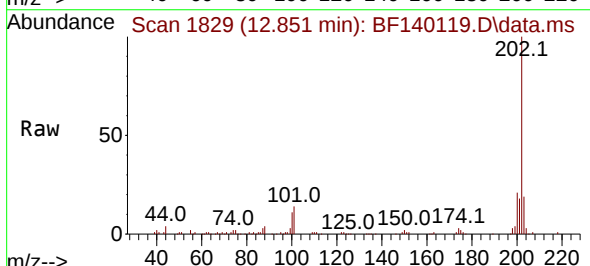
Manual Integrations
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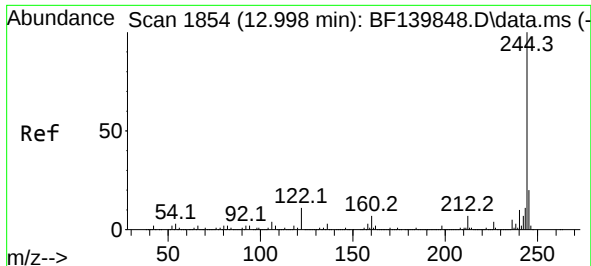
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 3.047 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF140119.D
Acq: 29 Oct 2024 18:37

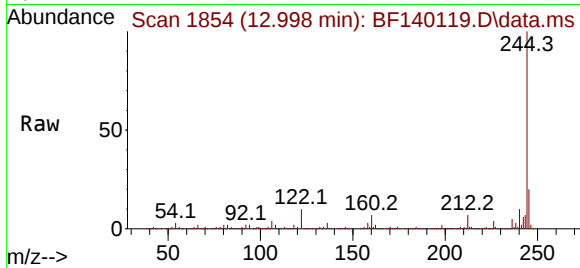
Tgt Ion:202 Resp: 69758
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 18.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 57.903 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140119.D
 Acq: 29 Oct 2024 18:37

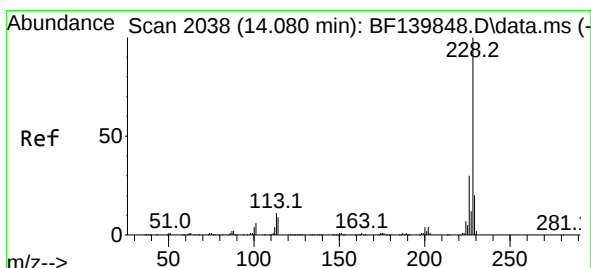
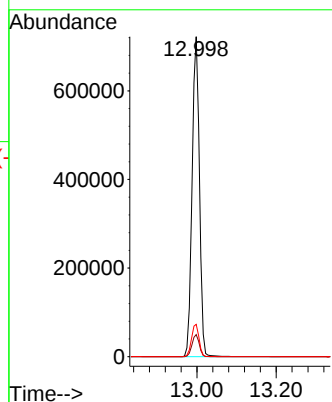
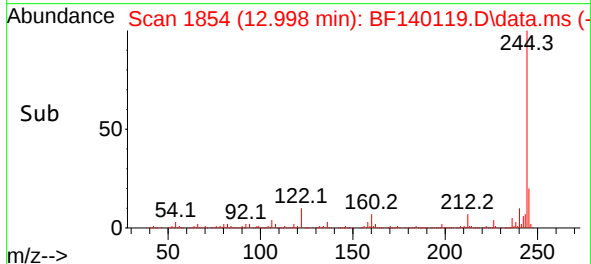
Instrument :
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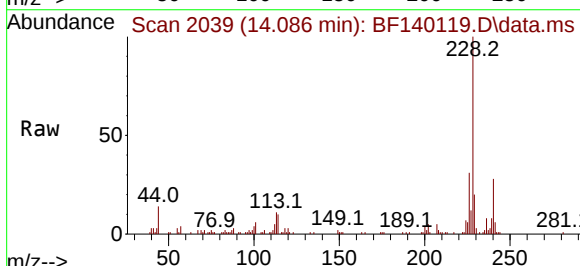
Tgt Ion:244 Resp: 92955
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.1 8.6 13.0

Manual Integrations
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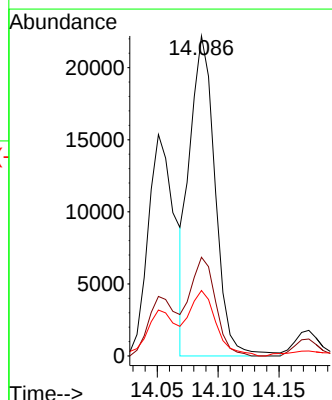
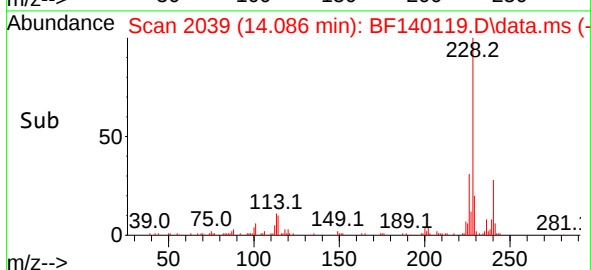
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

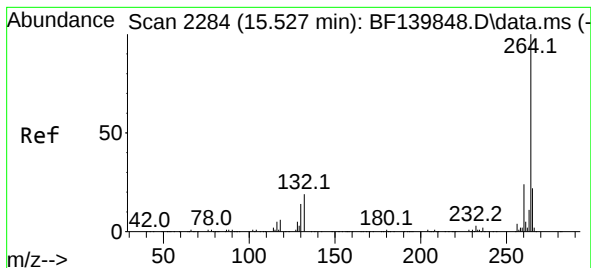


#83
 Chrysene
 Concen: 2.061 ng
 RT: 14.086 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: BF140119.D
 Acq: 29 Oct 2024 18:37



Tgt Ion:228 Resp: 32173
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.1 36.1
 229 20.4 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140119.D

Acq: 29 Oct 2024 18:37

Instrument :

BNA_F

ClientSampleId :

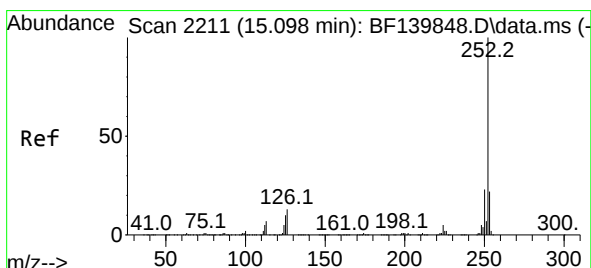
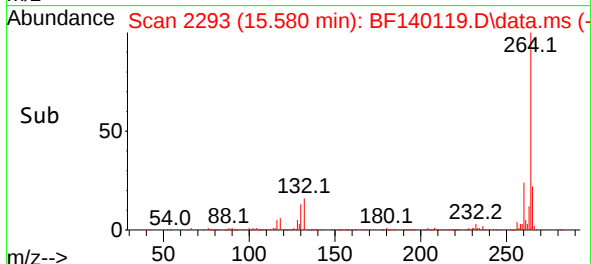
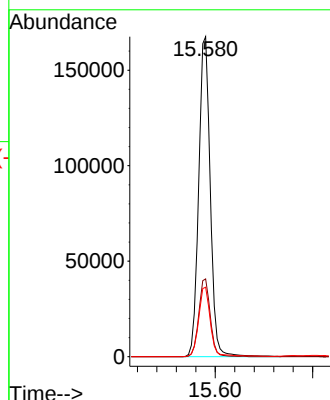
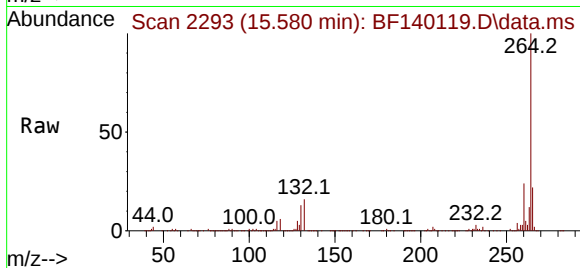
BLUE-2-1

Tgt Ion:264	Resp:	27691
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.4 29.2
265	21.7	17.4 26.0

Manual Integrations

APPROVED

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#88

Benzo(b)fluoranthene

Concen: 2.287 ng m

RT: 15.139 min Scan# 2218

Delta R.T. 0.041 min

Lab File: BF140119.D

Acq: 29 Oct 2024 18:37

Tgt Ion:252	Resp:	38575
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.6 26.4
125	12.2	7.9 11.9#

