

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130486.D
 Acq On : 30 Sep 2022 16:11
 Operator : CG\JU
 Sample : N4912-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 01 01:35:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	104066	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	379882	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	187312	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	288829	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	195175	20.000	ng	-0.01
86) Perylene-d12	15.168	264	227403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	676701	112.786	ng	0.00
7) Phenol-d6	6.281	99	817860	108.943	ng	-0.01
23) Nitrobenzene-d5	7.204	82	506924	68.174	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	197065	109.797	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	823092	63.988	ng	-0.01
79) Terphenyl-d14	12.733	244	663489	56.312	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.169	178	60125	3.708	ng	98
75) Fluoranthene	12.357	202	84174	5.372	ng	97
78) Pyrene	12.580	202	96072	5.627	ng	99
81) Benzo(a)anthracene	13.769	228	44265	3.409	ng	98
83) Chrysene	13.804	228	43391	3.520	ng	97
88) Benzo(b)fluoranthene	14.780	252	49754m	3.352	ng	
90) Benzo(a)pyrene	15.110	252	41247	3.508	ng	96
92) Benzo(g,h,i)perylene	16.874	276	28641	2.149	ng	97

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

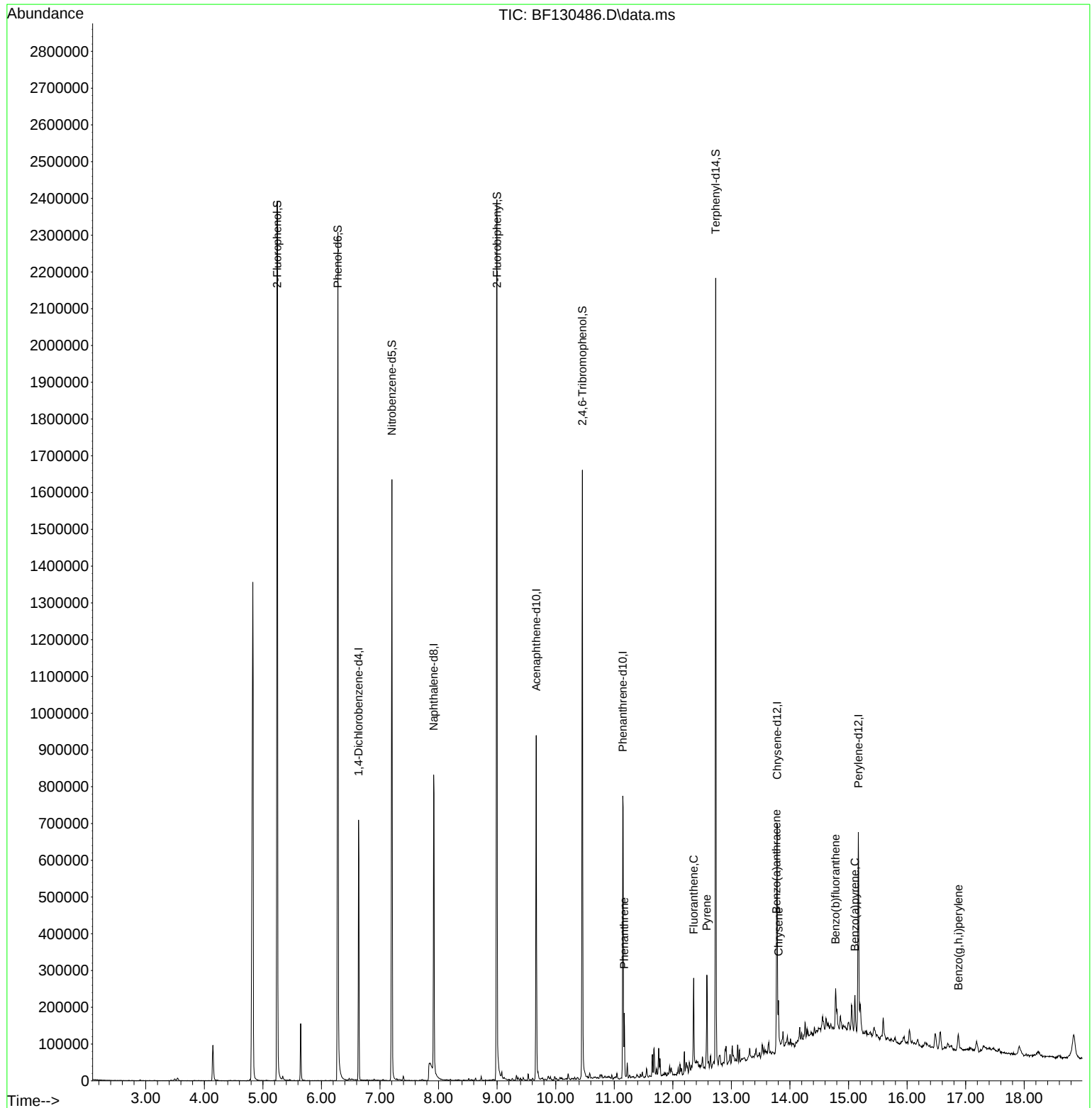
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
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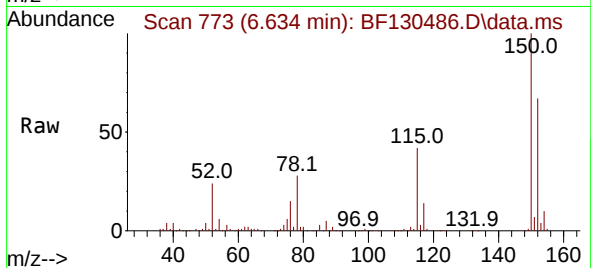
Quant Time: Oct 01 01:35:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

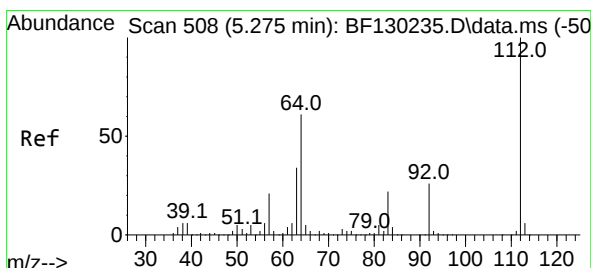
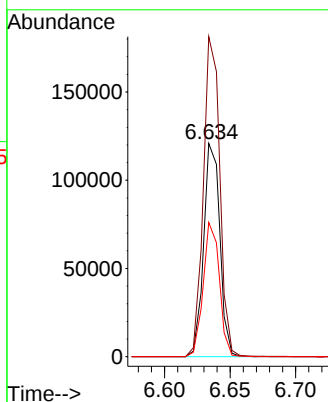
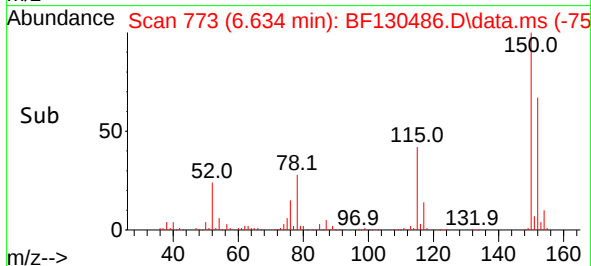
Instrument :
BNA_F
ClientSampleId :
VNJ-211



Tgt Ion:152 Resp: 104060
Ion Ratio Lower Upper
152 100
150 150.0 122.8 184.2
115 62.9 53.8 80.8

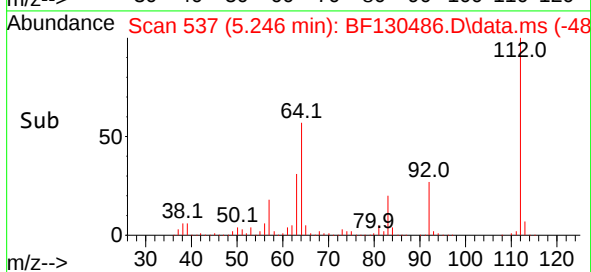
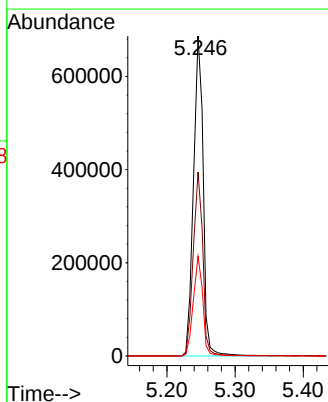
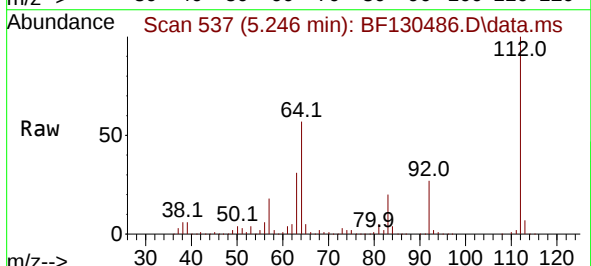
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#5
2-Fluorophenol
Concen: 112.786 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

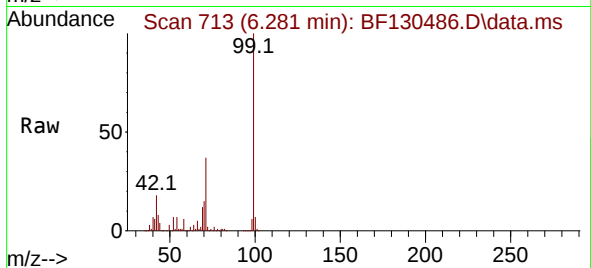
Tgt Ion:112 Resp: 676701
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 31.2 28.8 43.2





#7
Phenol-d6
Concen: 108.943 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

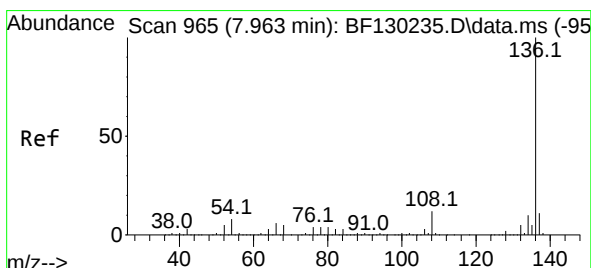
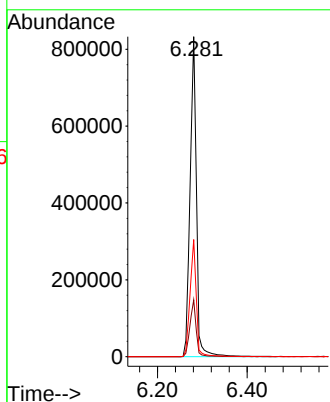
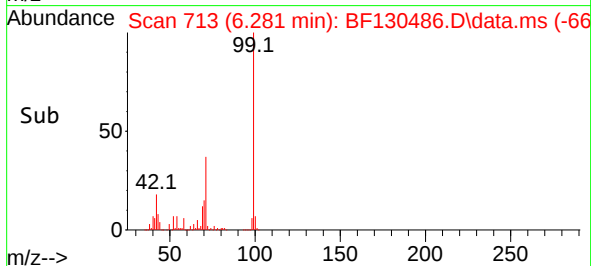
Instrument :
BNA_F
ClientSampleId :
VNJ-211



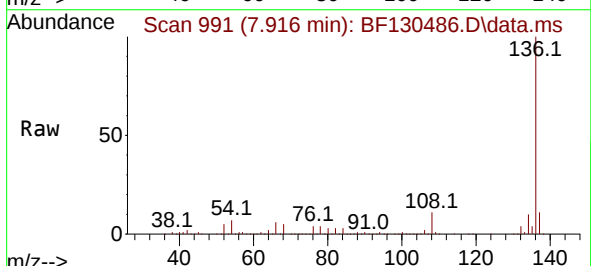
Tgt Ion: 99 Resp: 817860
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.6 32.3 48.5

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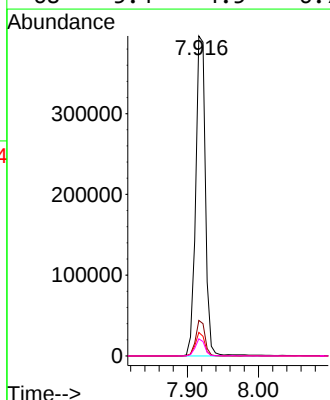
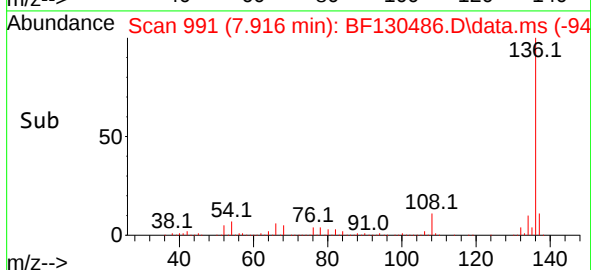
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

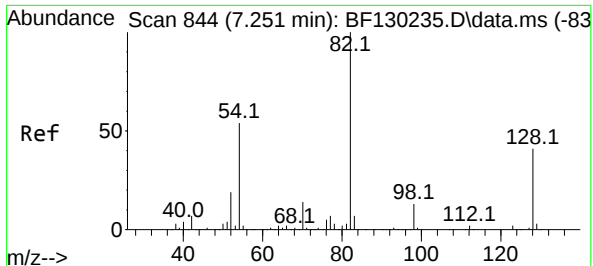


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11



Tgt Ion:136 Resp: 379882
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 7.1 10.7
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 68.174 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130486.D

Acq: 30 Sep 2022 16:11

Instrument :

BNA_F

ClientSampleId :

VNJ-211

Tgt Ion: 82 Resp: 506924

Ion Ratio Lower Upper

82 100

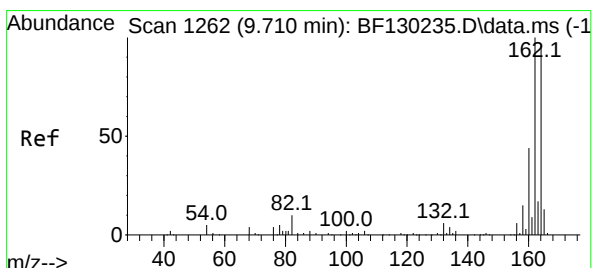
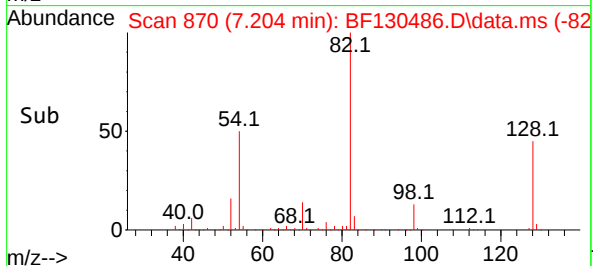
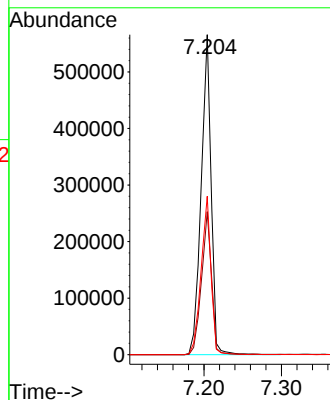
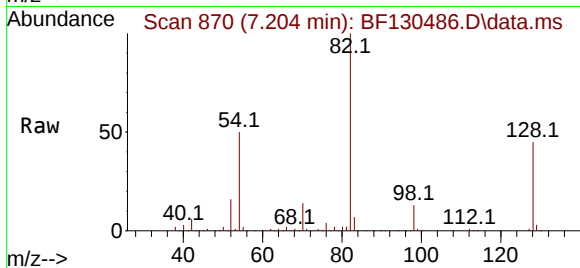
128 44.7 32.6 49.0

54 49.5 43.8 65.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130486.D

Acq: 30 Sep 2022 16:11

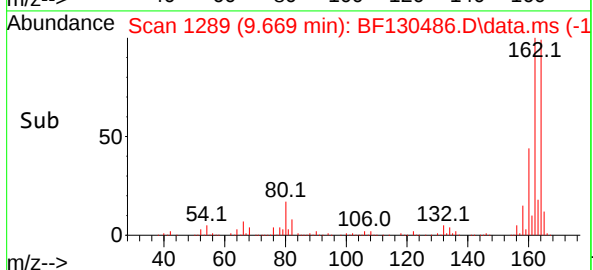
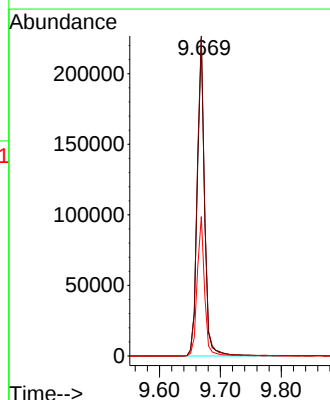
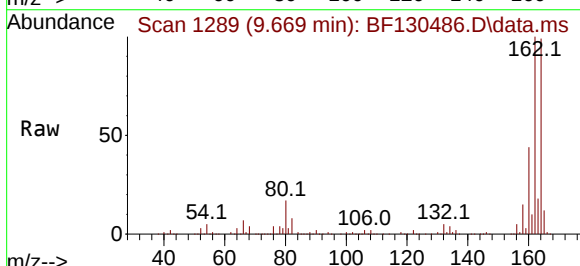
Tgt Ion:164 Resp: 187312

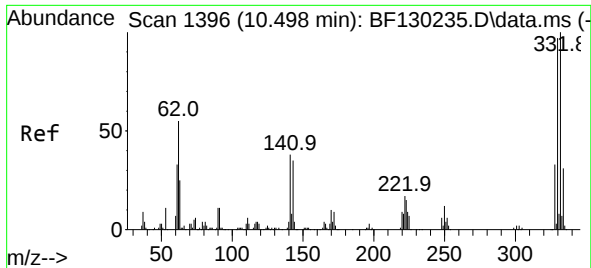
Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

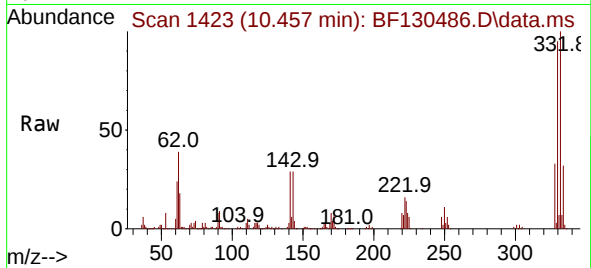
160 43.9 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 109.797 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

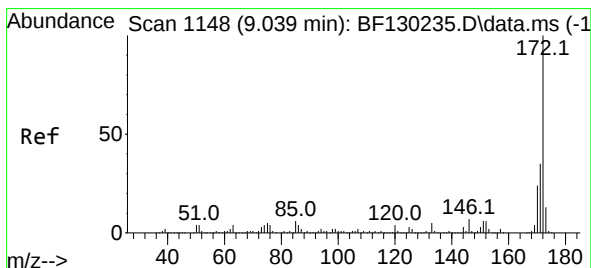
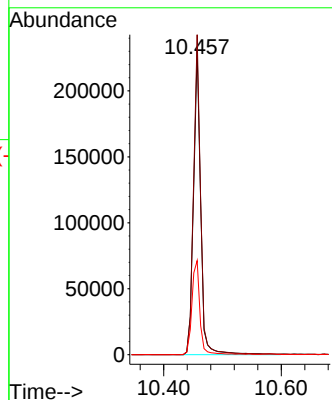
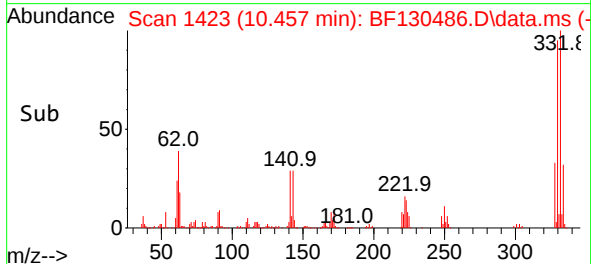
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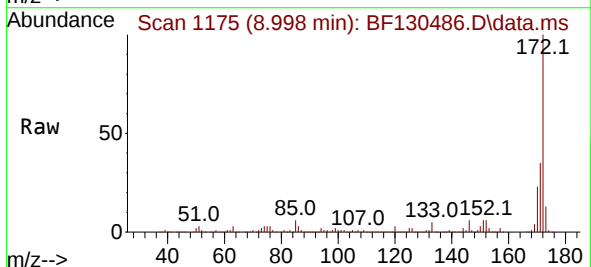
Tgt Ion:330 Resp: 197065
Ion Ratio Lower Upper
330 100
332 102.7 83.4 125.2
141 34.0 34.0 51.0

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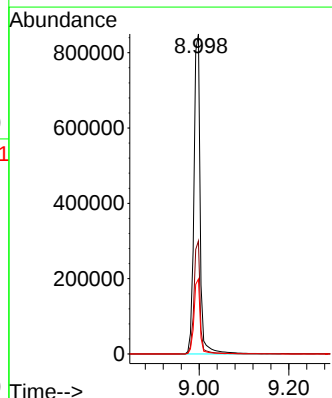
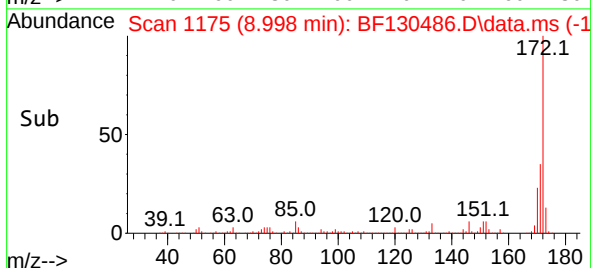
Reviewed By :Jagrut Upadhyay 10/01/2022
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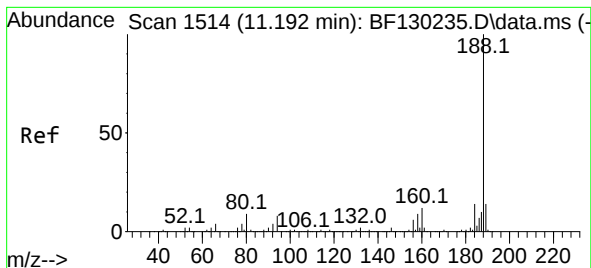


#45
2-Fluorobiphenyl
Concen: 63.988 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11



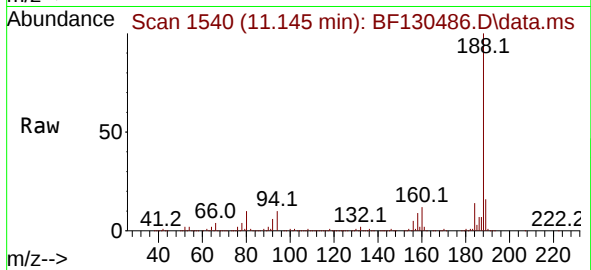
Tgt Ion:172 Resp: 823092
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

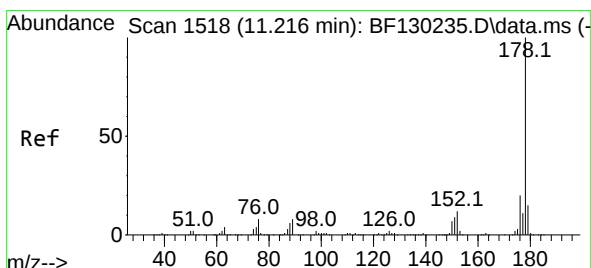
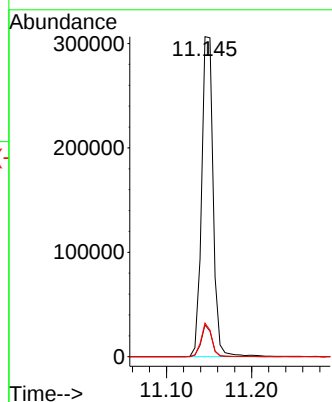
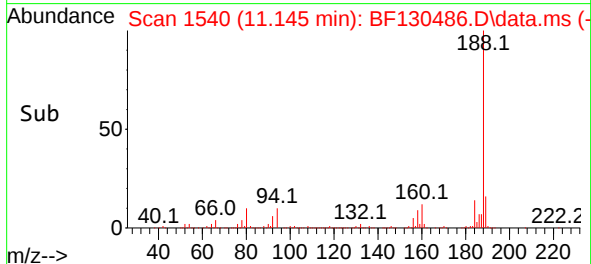
Instrument :
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VNJ-211



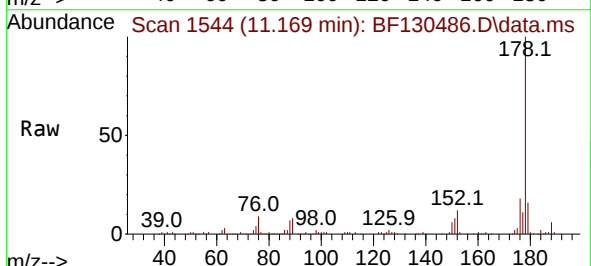
Tgt Ion:188 Resp: 288829
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.5 7.9 11.9

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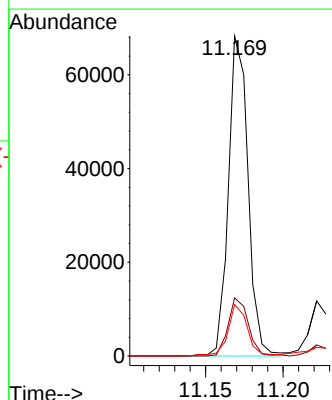
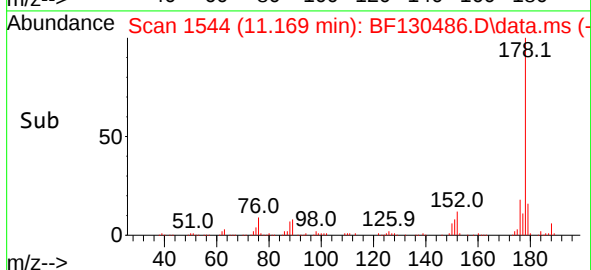
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

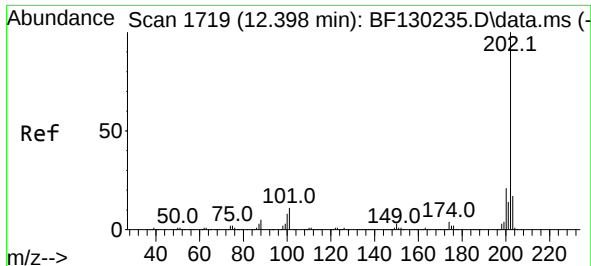


#71
Phenanthrene
Concen: 3.708 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11



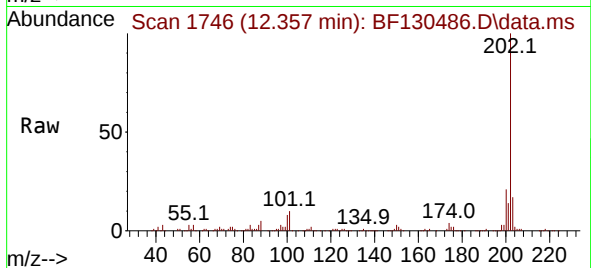
Tgt Ion:178 Resp: 60125
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 16.1 12.4 18.6





#75
Fluoranthene
Concen: 5.372 ng
RT: 12.357 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

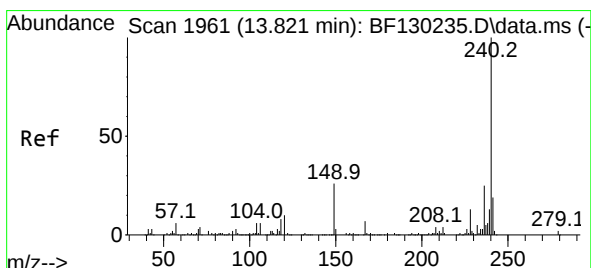
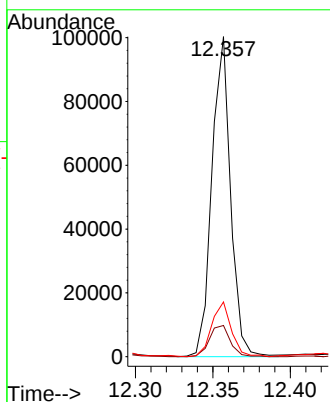
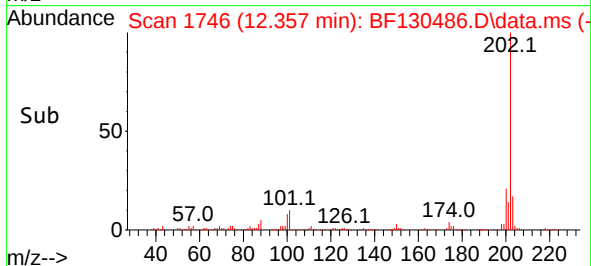
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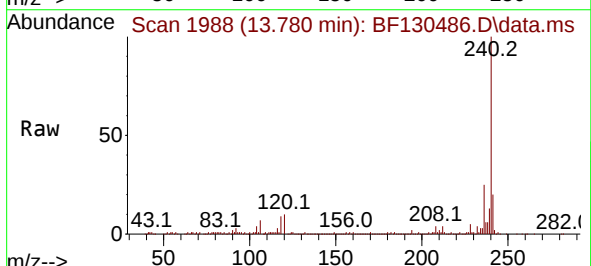
Tgt Ion:202 Resp: 84174
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.8
203 17.1 0.0 37.8

Manual Integrations
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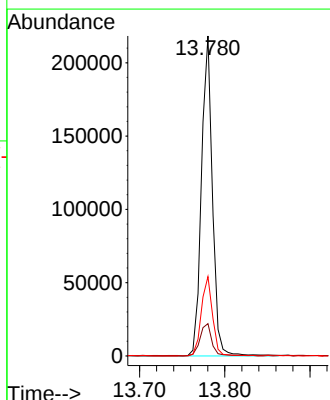
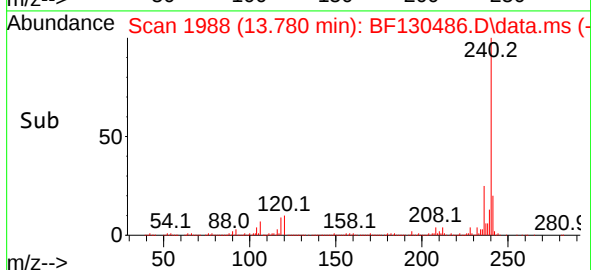
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

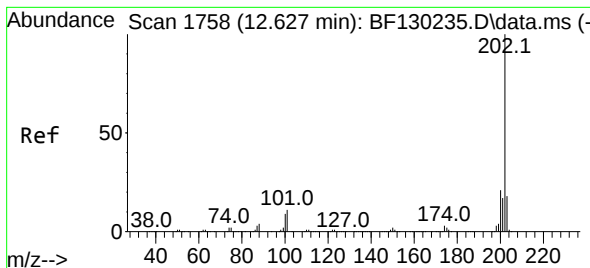


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11



Tgt Ion:240 Resp: 195175
Ion Ratio Lower Upper
240 100
120 10.1 8.7 13.1
236 24.8 20.9 31.3





#78

Pyrene

Concen: 5.627 ng

RT: 12.580 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130486.D

Acq: 30 Sep 2022 16:11

Instrument :

BNA_F

ClientSampleId :

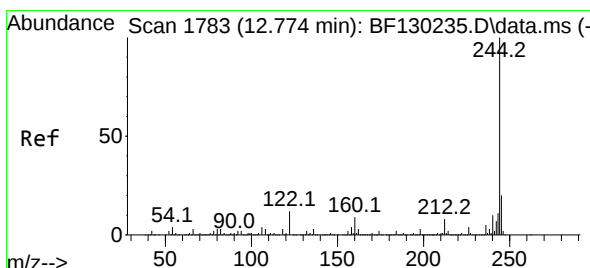
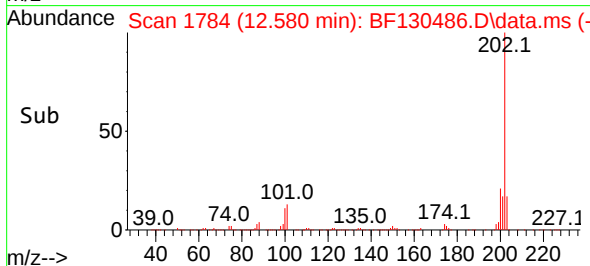
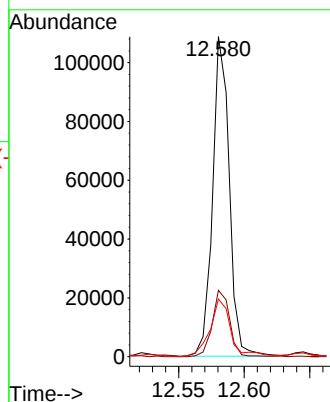
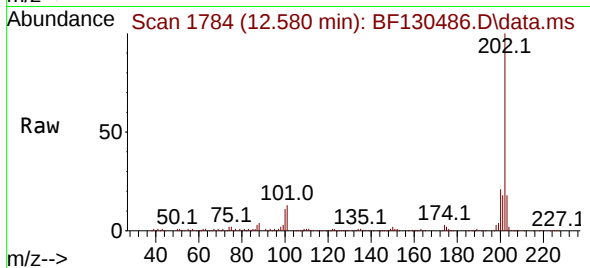
VNJ-211

Tgt Ion:202	Resp:	96072
Ion Ratio	Lower	Upper
202	100	
200	20.8	17.2 25.8
203	18.0	14.3 21.5

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#79

Terphenyl-d14

Concen: 56.312 ng

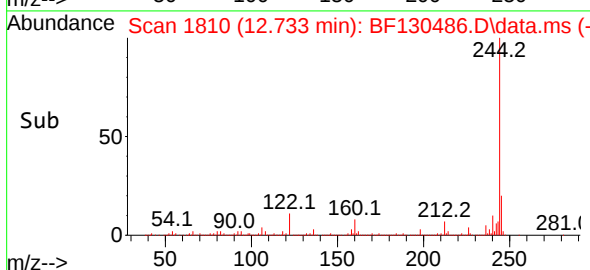
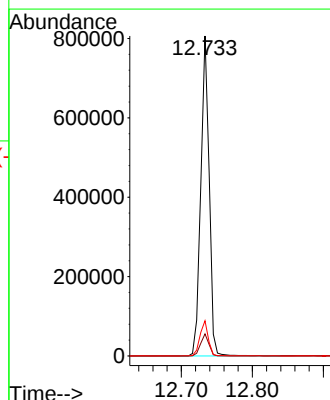
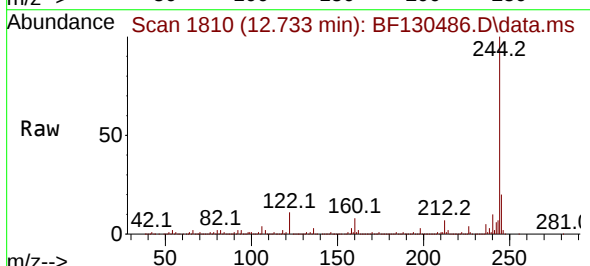
RT: 12.733 min Scan# 1810

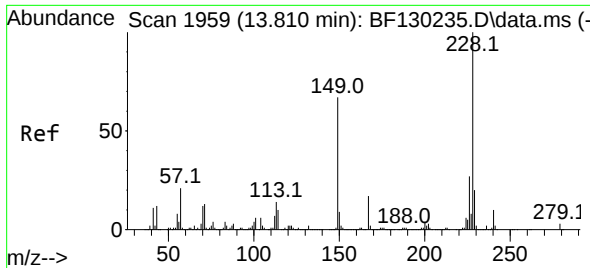
Delta R.T. -0.012 min

Lab File: BF130486.D

Acq: 30 Sep 2022 16:11

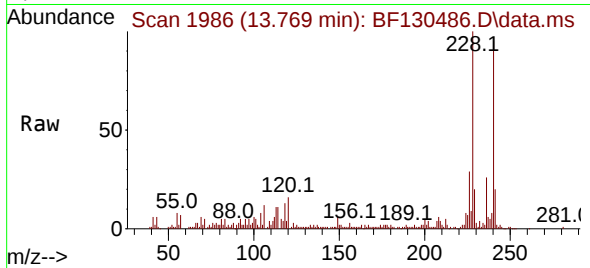
Tgt Ion:244	Resp:	663489
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.9 8.9
122	11.0	8.5 12.7





#81
Benzo(a)anthracene
Concen: 3.409 ng
RT: 13.769 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

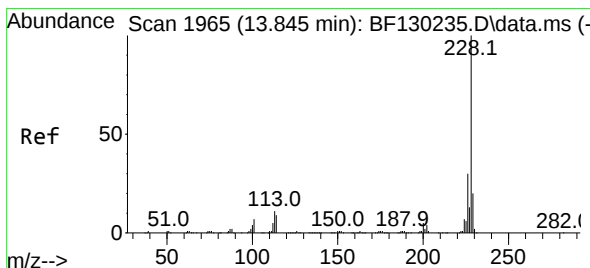
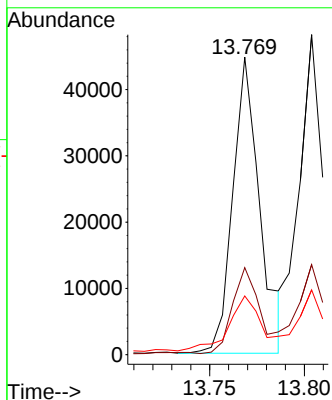
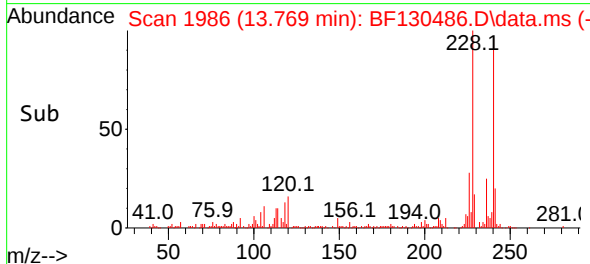
Instrument :
BNA_F
ClientSampleId :
VNJ-211



Tgt Ion:228 Resp: 44268
Ion Ratio Lower Upper
228 100
226 29.3 21.9 32.9
229 19.7 16.1 24.1

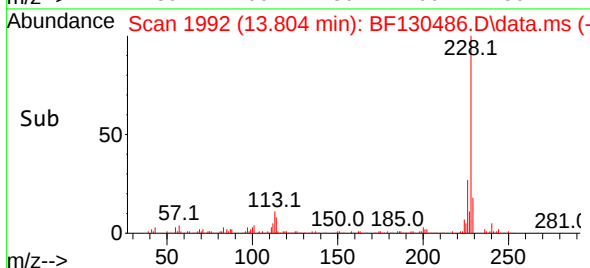
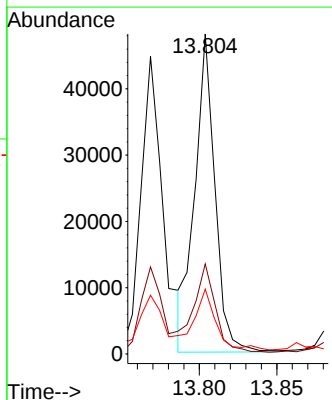
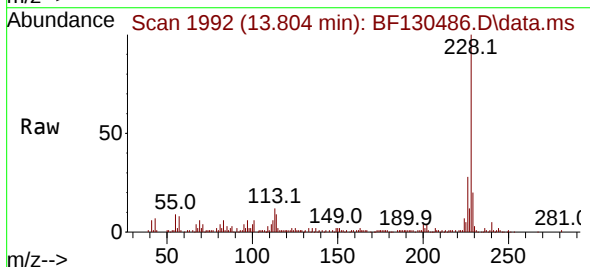
Manual Integrations
APPROVED

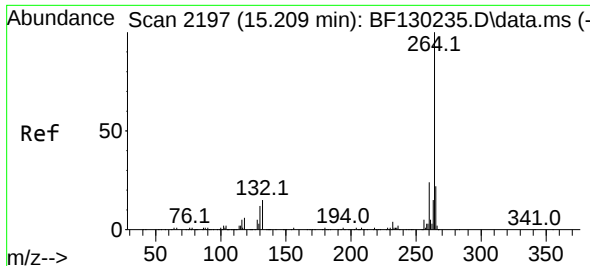
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#83
Chrysene
Concen: 3.520 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

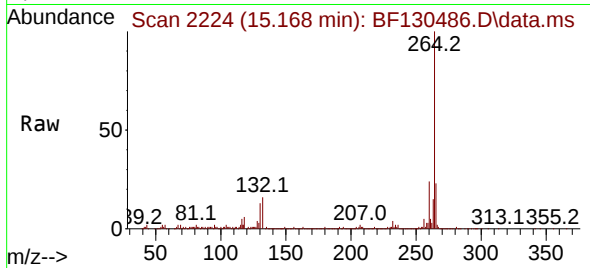
Tgt Ion:228 Resp: 43391
Ion Ratio Lower Upper
228 100
226 28.1 23.8 35.8
229 20.2 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

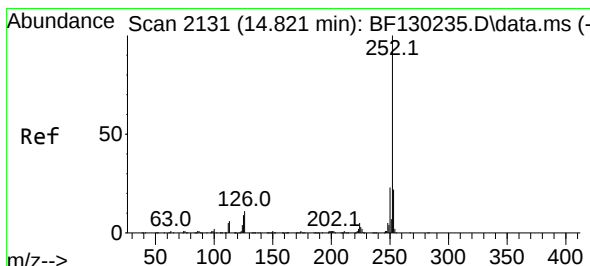
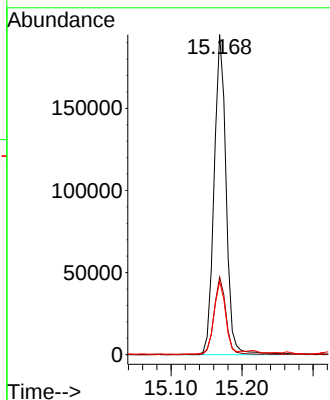
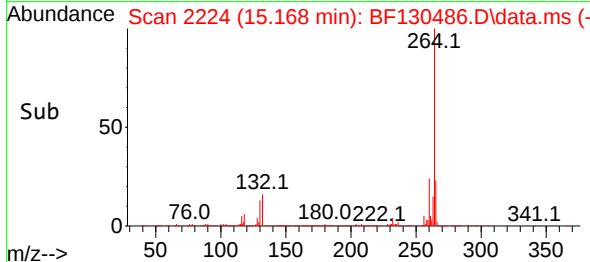
Instrument :
BNA_F
ClientSampleId :
VNJ-211



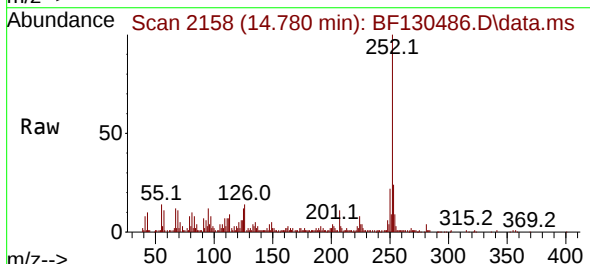
Tgt Ion:264 Resp: 22740
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.9 17.0 25.4

Manual Integrations
APPROVED

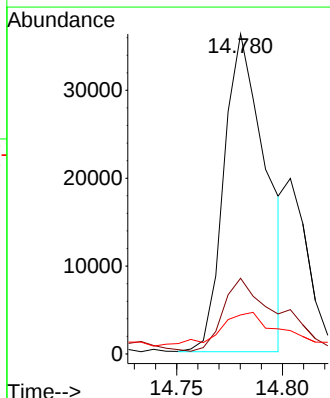
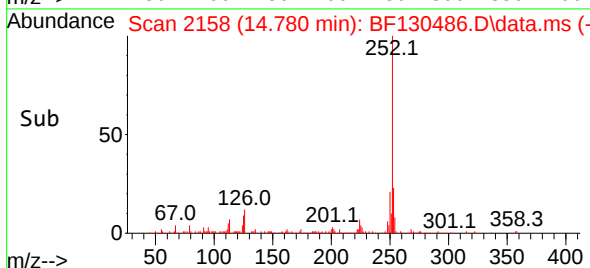
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

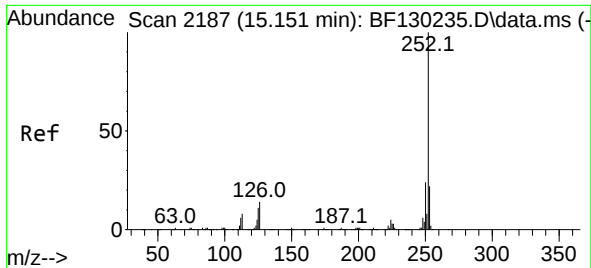


#88
Benzo(b)fluoranthene
Concen: 3.352 ng m
RT: 14.780 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11



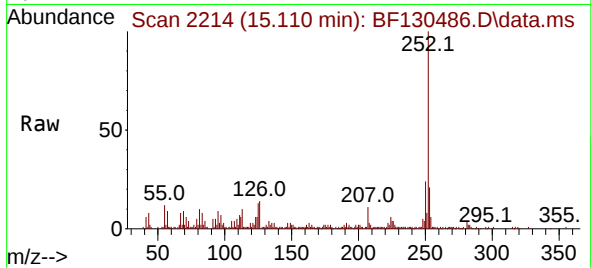
Tgt Ion:252 Resp: 49754
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 12.2 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.508 ng
RT: 15.110 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

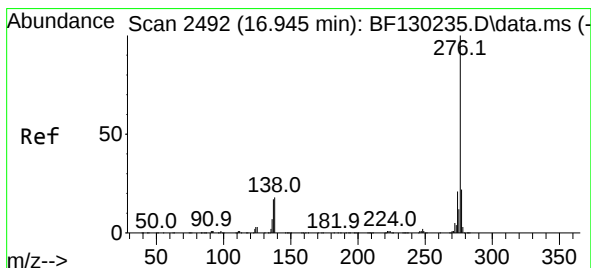
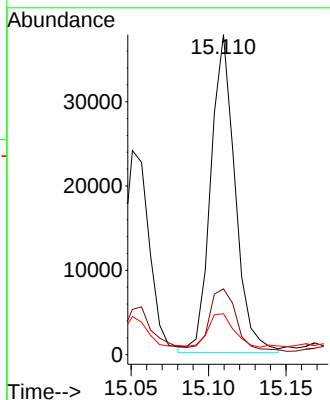
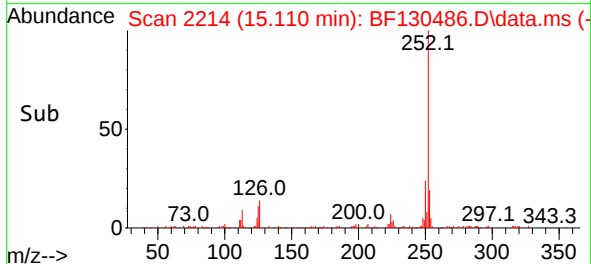
Instrument :
BNA_F
ClientSampleId :
VNJ-211



Tgt Ion:252 Resp: 4124
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.6
125 12.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#92
Benzo(g,h,i)perylene
Concen: 2.149 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF130486.D
Acq: 30 Sep 2022 16:11

Tgt Ion:276 Resp: 28641
Ion Ratio Lower Upper
276 100
277 25.6 18.6 27.8
138 18.0 14.6 21.8

