

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128852.D
 Acq On : 17 Jun 2022 14:09
 Operator : CG\JU
 Sample : N3371-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 05:06:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82131	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	322190	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	148902	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	259883	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	160932	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	162823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	662707	128.524	ng	0.00
7) Phenol-d6	6.440	99	824056	130.924	ng	0.00
23) Nitrobenzene-d5	7.345	82	592204	85.577	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	218098	123.965	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	996823	93.776	ng	0.00
79) Terphenyl-d14	12.898	244	871176	94.064	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	70161	5.382	ng	97
75) Fluoranthene	12.522	202	157868	11.586	ng	94
78) Pyrene	12.751	202	136057	11.363	ng	96
81) Benzo(a)anthracene	13.945	228	67200	6.699	ng	100
83) Chrysene	13.980	228	82818	8.660	ng	98
87) Indeno(1,2,3-cd)pyrene	16.851	276	36815	3.751	ng	# 86
88) Benzo(b)fluoranthene	14.992	252	110374m	10.609	ng	
89) Benzo(k)fluoranthene	15.016	252	25669m	2.623	ng	
90) Benzo(a)pyrene	15.351	252	58798m	7.190	ng	
92) Benzo(g,h,i)perylene	17.286	276	33560	4.160	ng	# 92

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

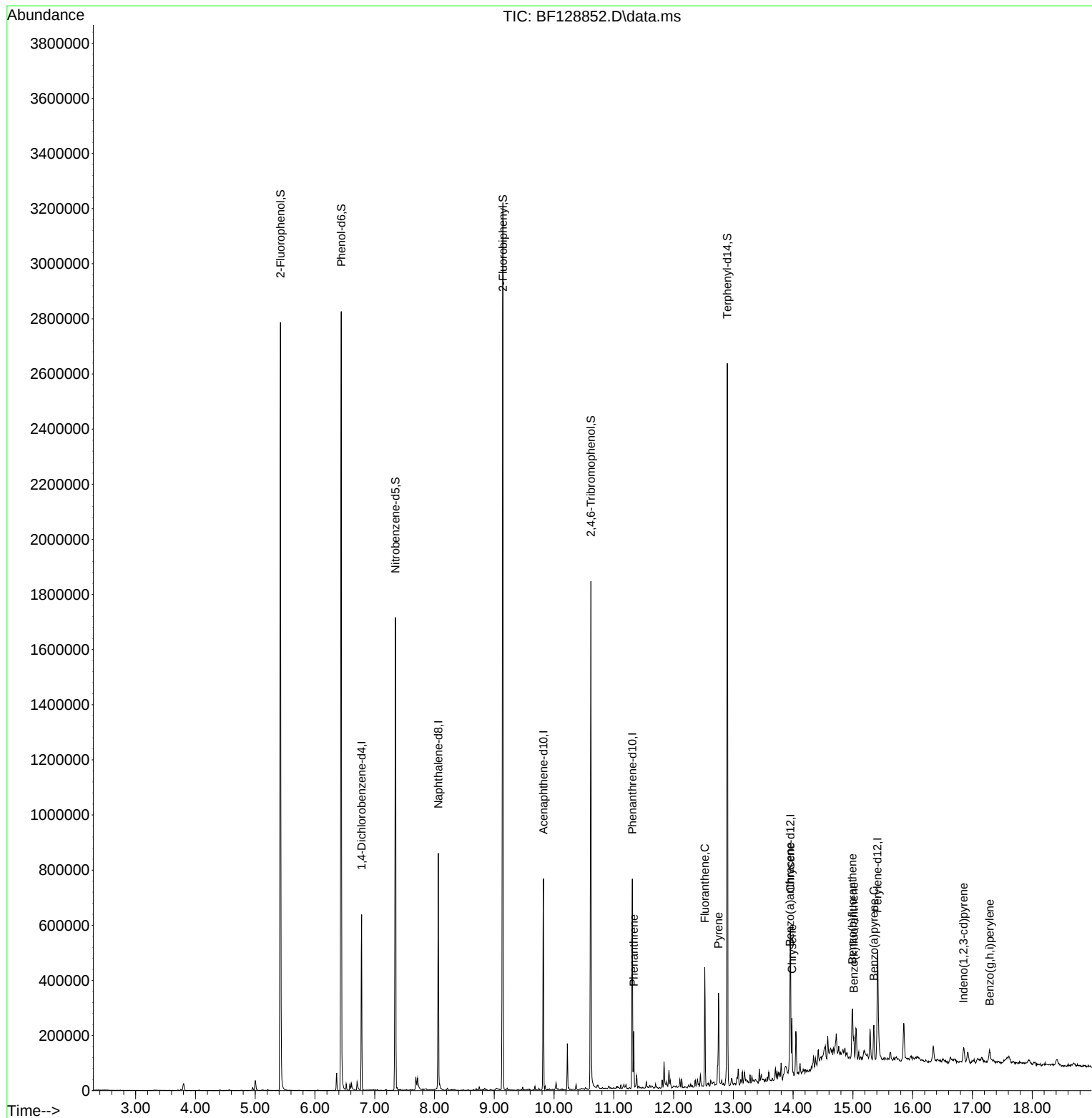
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
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Sample : N3371-01
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ALS Vial : 6 Sample Multiplier: 1

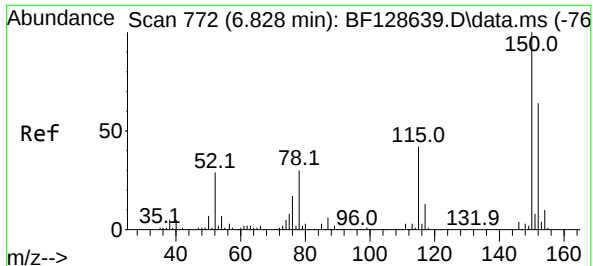
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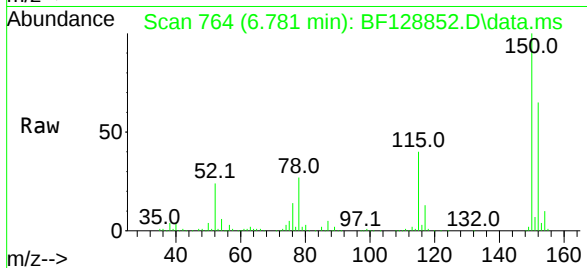
Quant Time: Jun 18 05:06:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

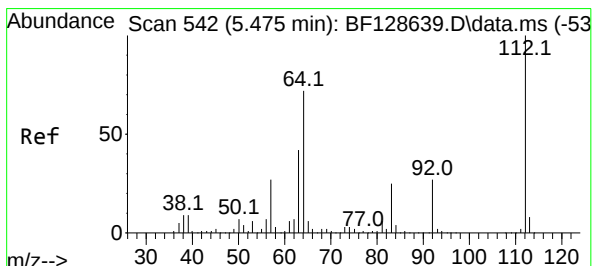
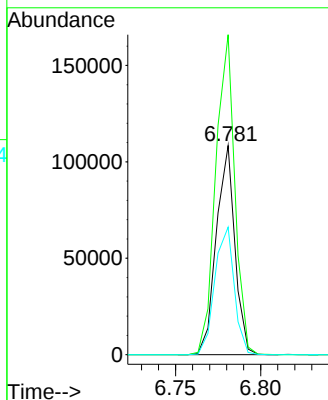
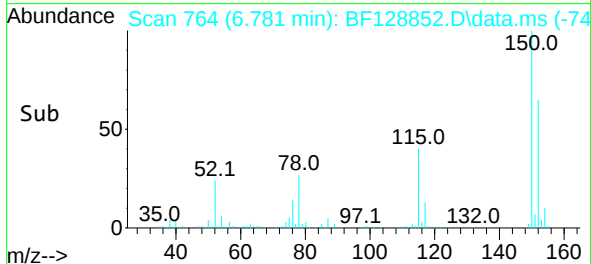
Instrument :
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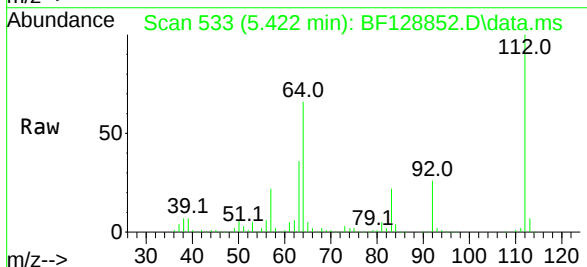
Tgt Ion:152 Resp: 8213
Ion Ratio Lower Upper
152 100
150 153.0 123.7 185.5
115 61.0 49.9 74.9

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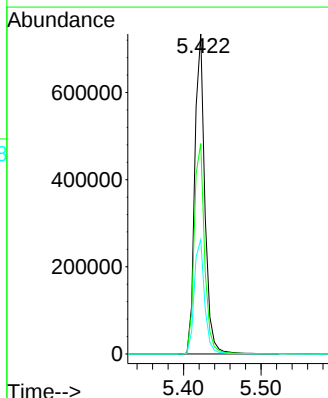
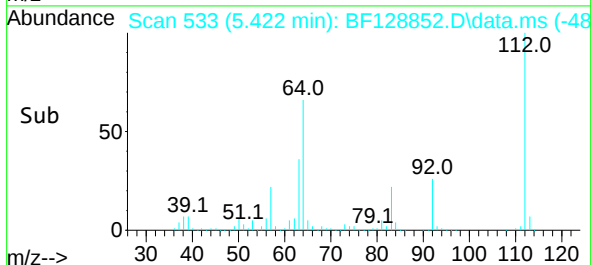
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#5
2-Fluorophenol
Concen: 128.524 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



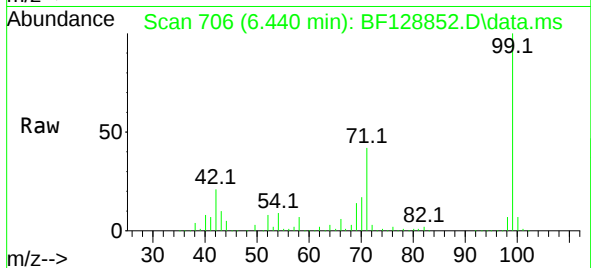
Tgt Ion:112 Resp: 662707
Ion Ratio Lower Upper
112 100
64 65.8 53.3 79.9
63 35.7 28.0 42.0





#7
Phenol-d6
Concen: 130.924 ng
RT: 6.440 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

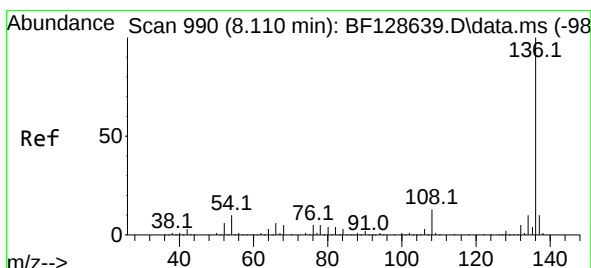
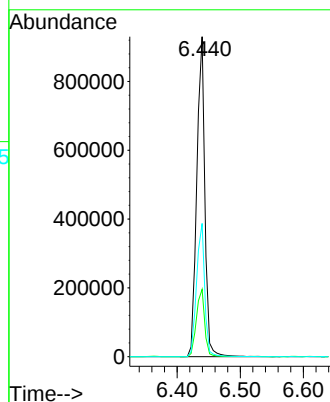
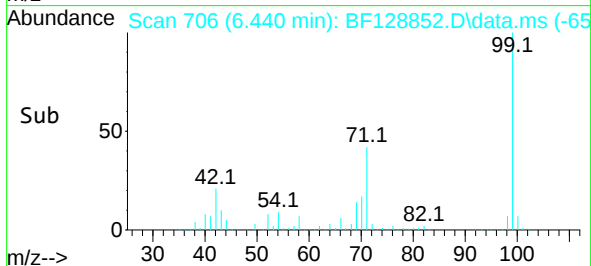
Instrument :
BNA_F
ClientSampleId :
VNJ-211



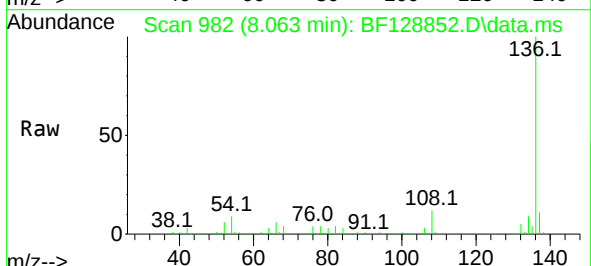
Tgt Ion: 99 Resp: 824050
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 41.6 28.9 43.3

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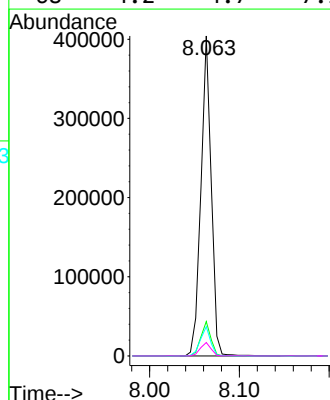
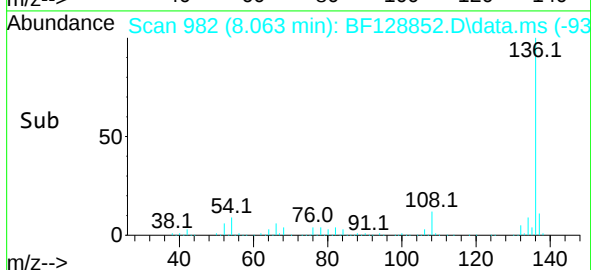
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



Tgt Ion:136 Resp: 322190
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.2 7.5 11.3
68 4.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 85.577 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128852.D

Acq: 17 Jun 2022 14:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211

Tgt Ion: 82 Resp: 592204

Ion Ratio Lower Upper

82 100

128 39.0 34.0 51.0

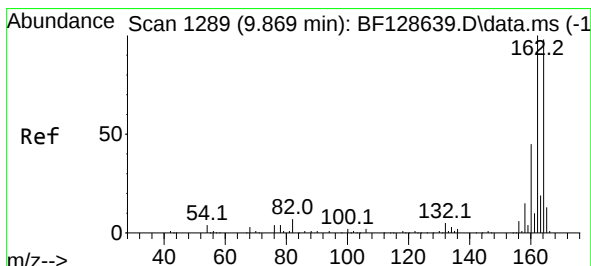
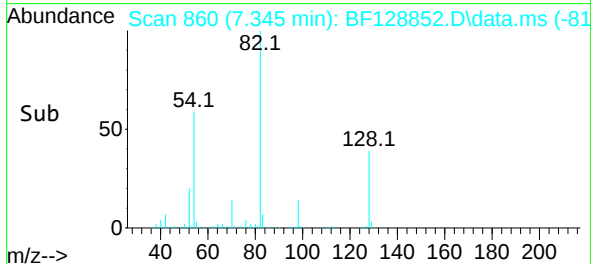
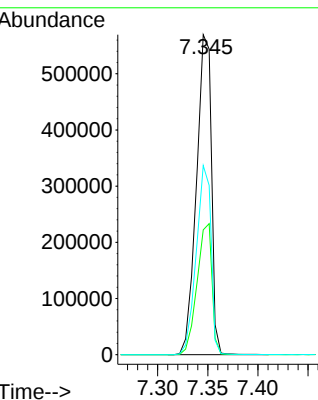
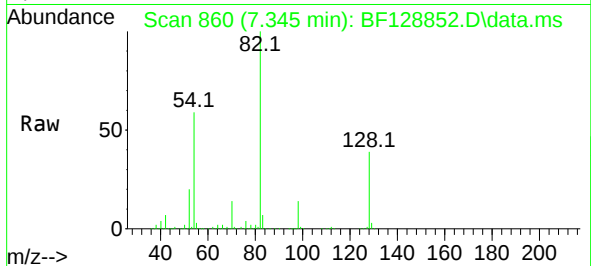
54 59.1 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128852.D

Acq: 17 Jun 2022 14:09

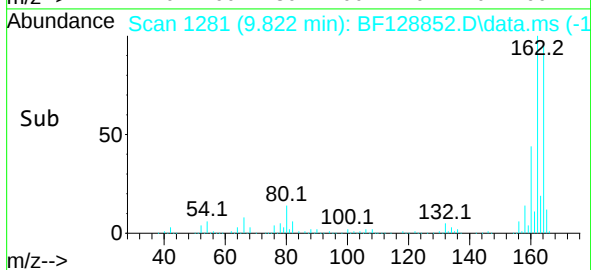
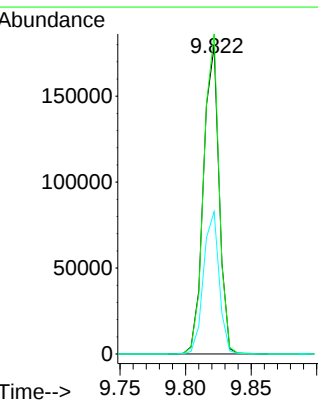
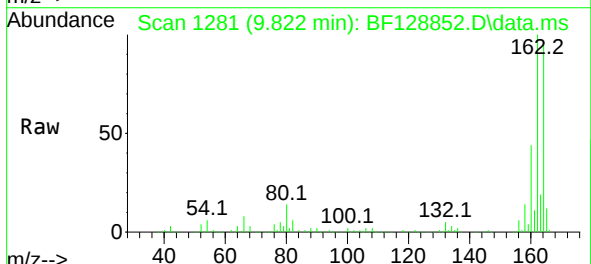
Tgt Ion:164 Resp: 148902

Ion Ratio Lower Upper

164 100

162 104.0 79.5 119.3

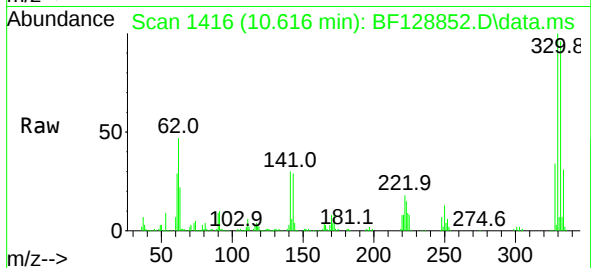
160 46.2 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 123.965 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

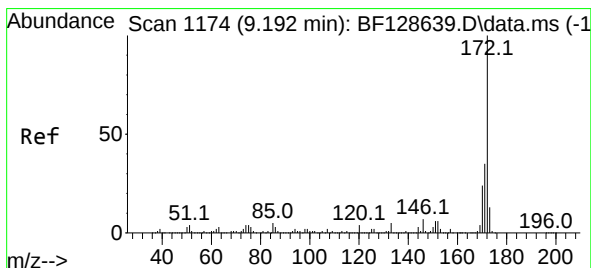
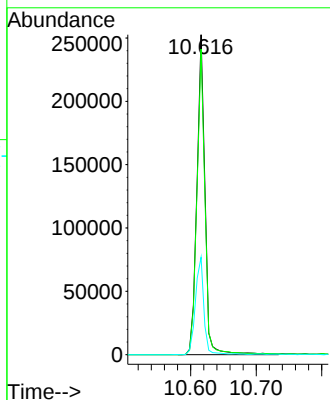
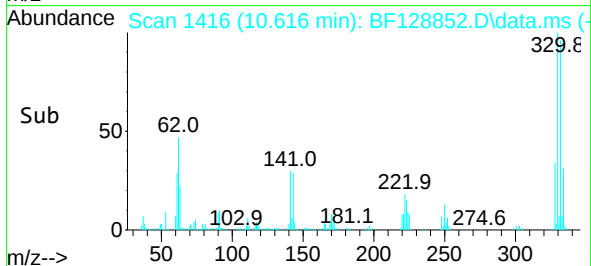
Instrument :
BNA_F
ClientSampleId :
VNJ-211



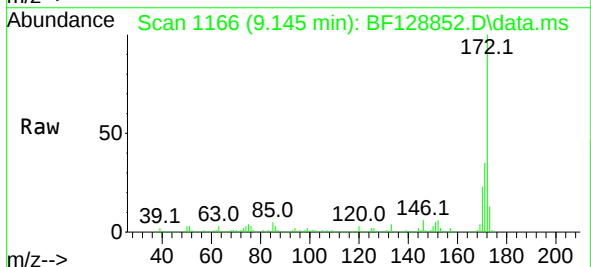
Tgt Ion: 330 Resp: 218098
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 32.0 28.0 42.0

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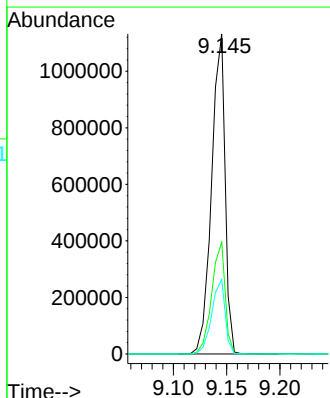
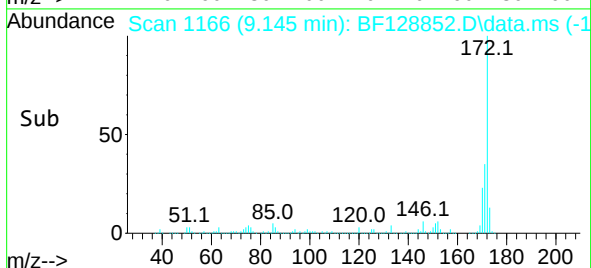
Reviewed By : Christian Giraldo 06/20/2022
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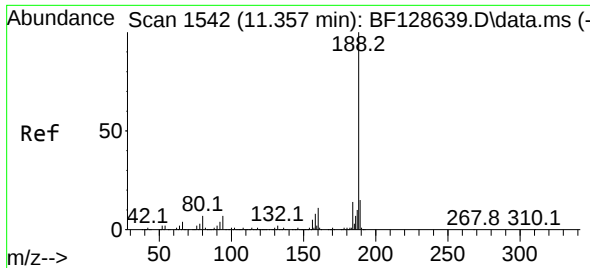


#45
2-Fluorobiphenyl
Concen: 93.776 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



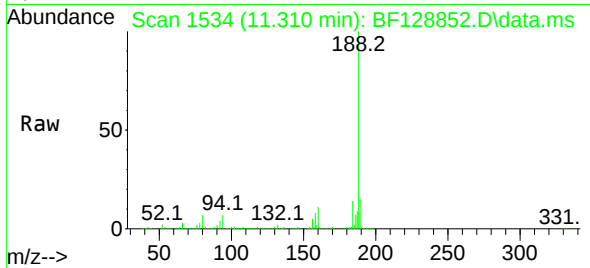
Tgt Ion: 172 Resp: 996823
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

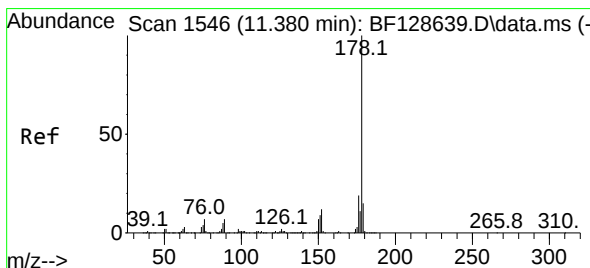
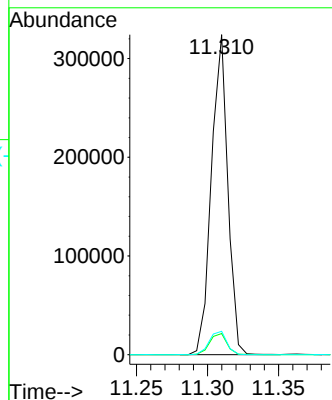
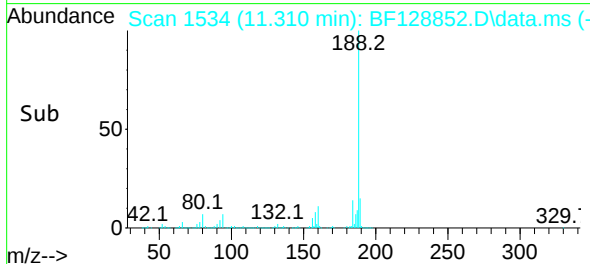
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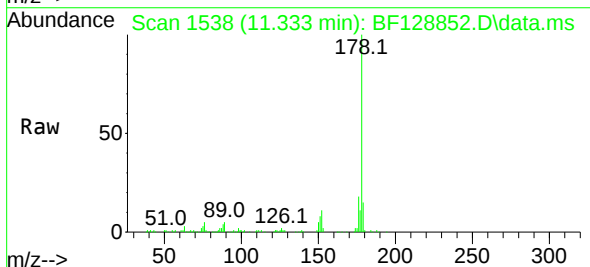
Tgt Ion:188 Resp: 25988
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6
80 7.3 7.6 11.4

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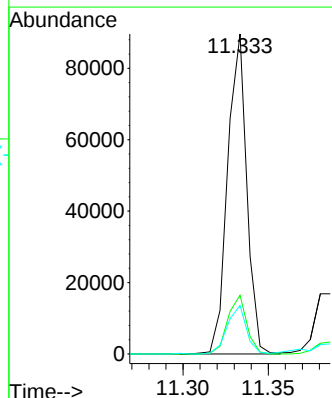
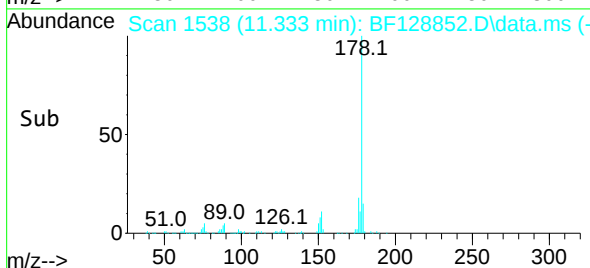
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

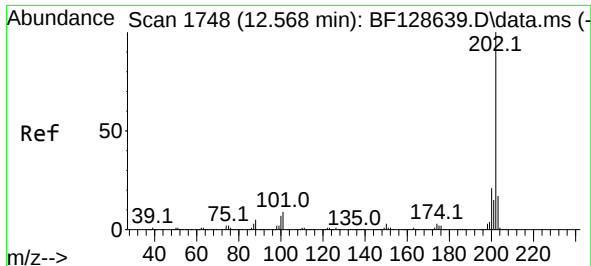


#71
Phenanthrene
Concen: 5.382 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



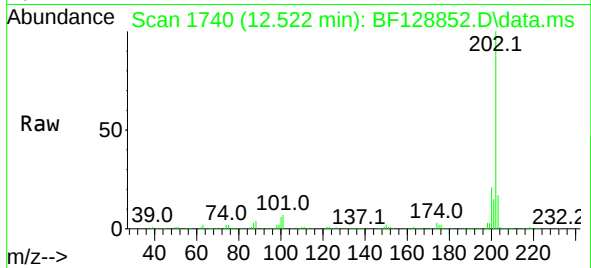
Tgt Ion:178 Resp: 70161
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.1 12.6 19.0





#75
Fluoranthene
Concen: 11.586 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

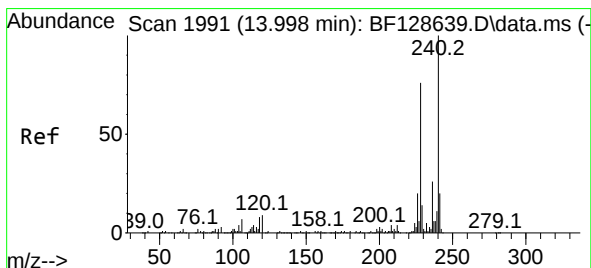
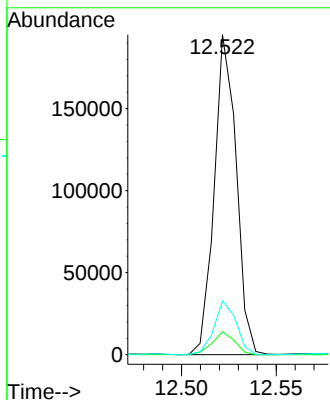
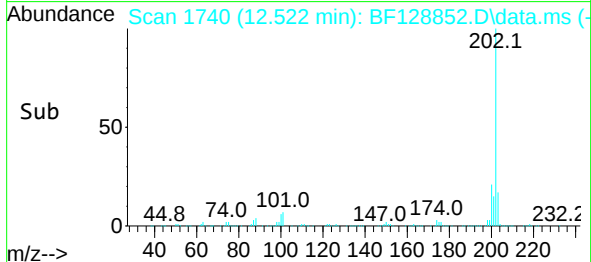
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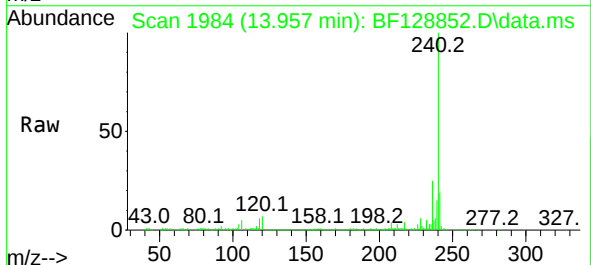
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Ion Ratio Lower Upper
202 100
101 7.1 0.0 31.4
203 16.7 0.0 38.0

Manual Integrations
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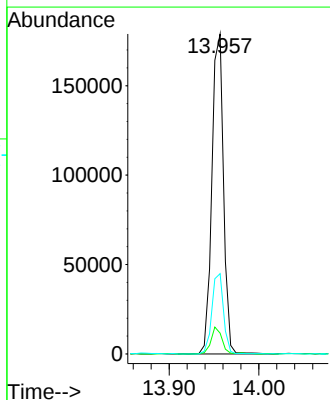
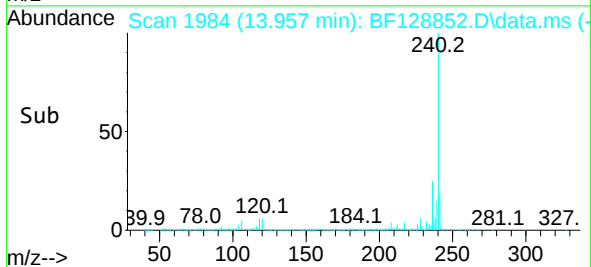
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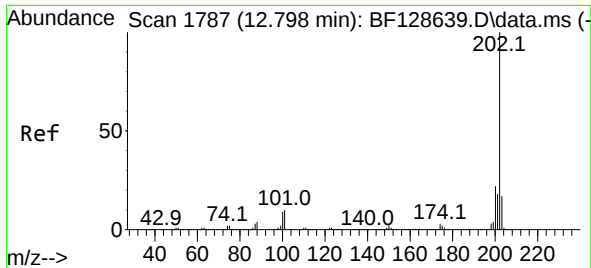


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



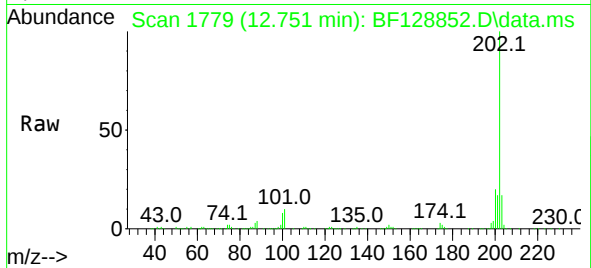
Tgt Ion:240 Resp: 160932
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 25.1 20.8 31.2





#78
Pyrene
Concen: 11.363 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

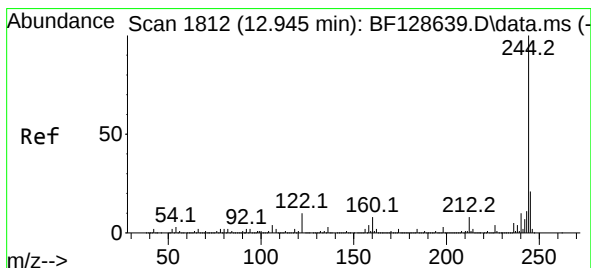
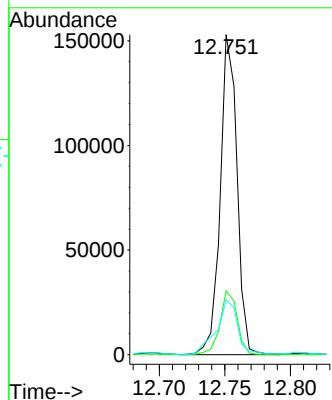
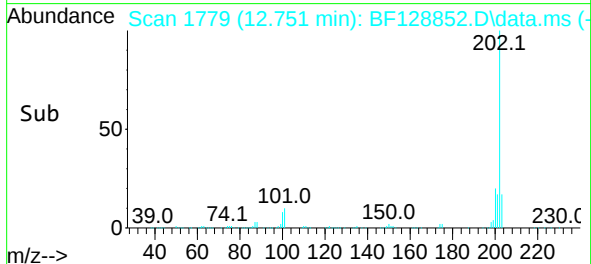
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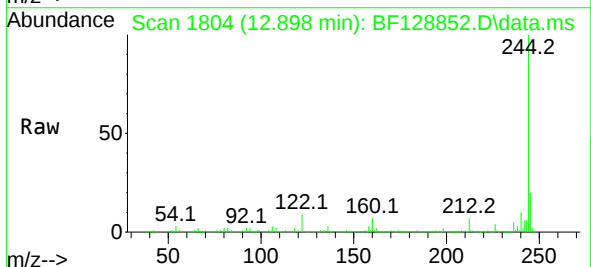
Tgt Ion:202 Resp: 13605
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 17.1 14.6 21.8

Manual Integrations
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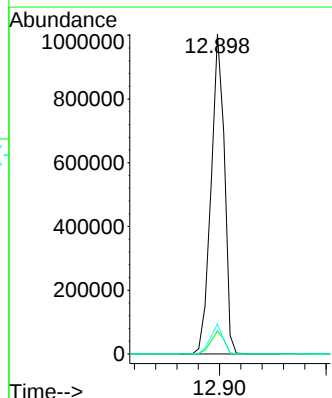
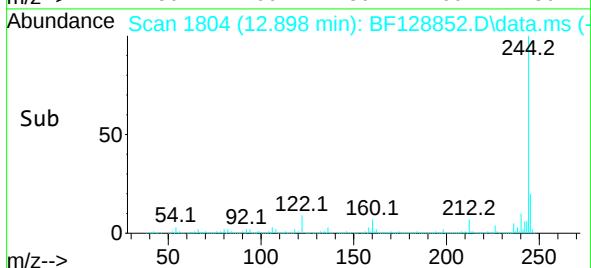
Reviewed By :Christian Giraldo 06/20/2022
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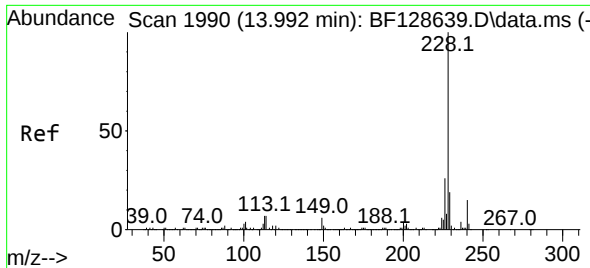


#79
Terphenyl-d14
Concen: 94.064 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



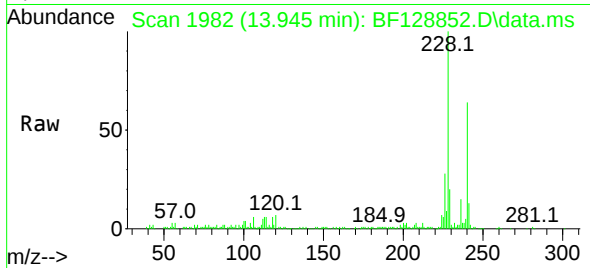
Tgt Ion:244 Resp: 871176
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 6.699 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

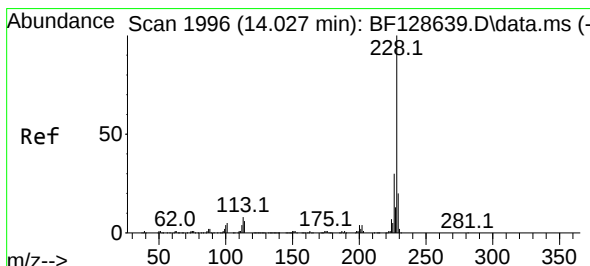
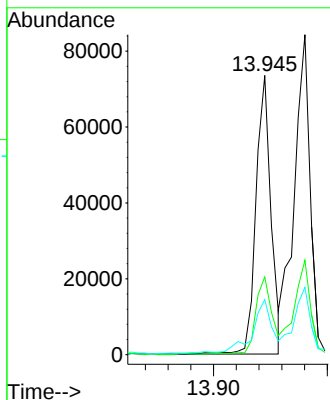
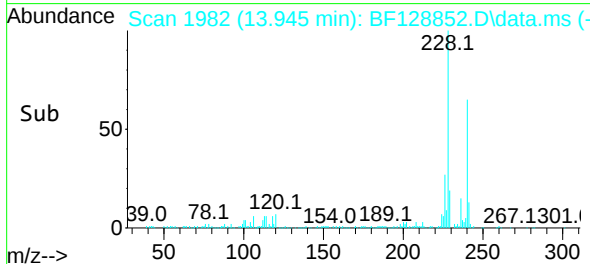
Instrument :
BNA_F
ClientSampleId :
VNJ-211



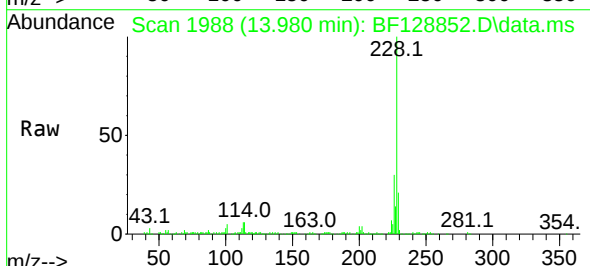
Tgt Ion:228 Resp: 67200
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 19.7 15.8 23.8

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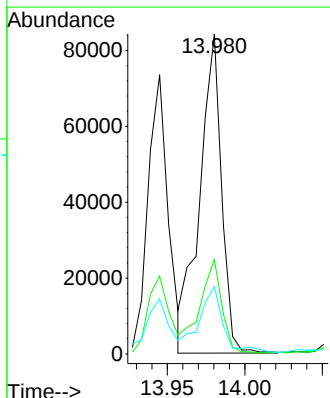
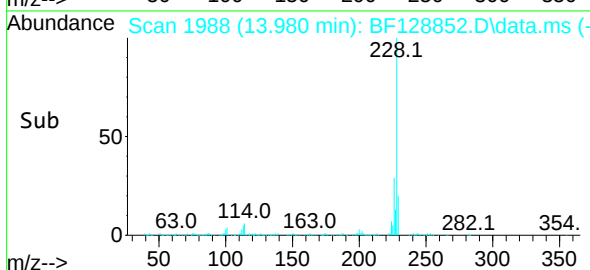
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

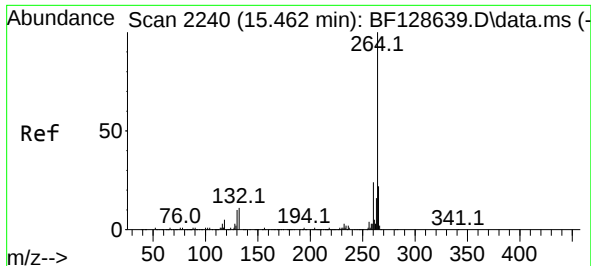


#83
Chrysene
Concen: 8.660 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



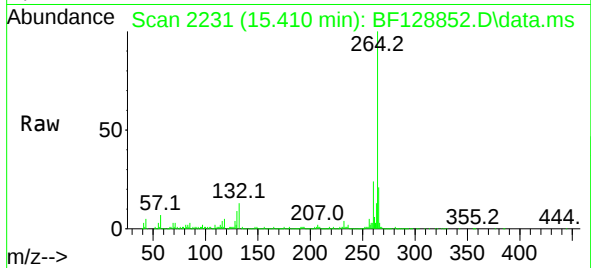
Tgt Ion:228 Resp: 82818
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 21.0 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

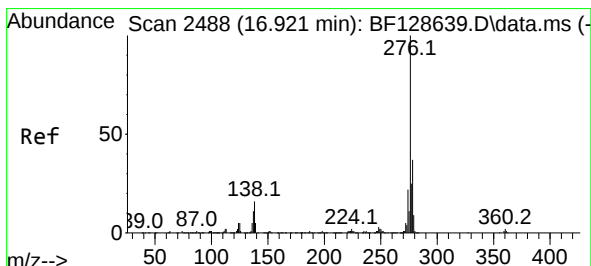
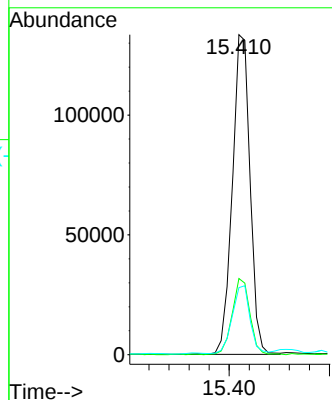
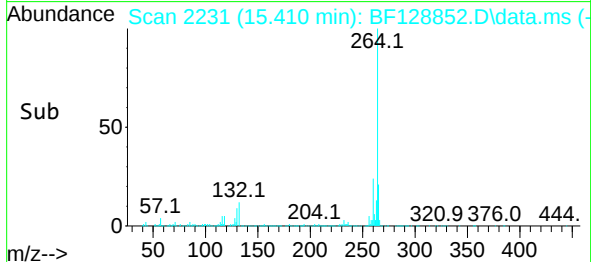
Instrument :
BNA_F
ClientSampleId :
VNJ-211



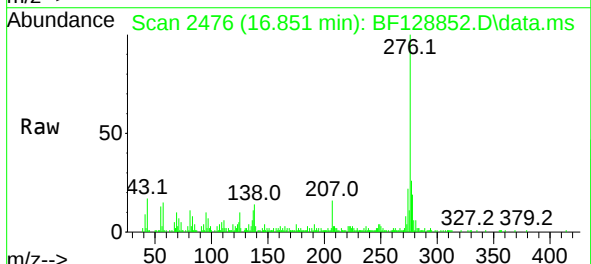
Tgt Ion:264 Resp: 16282
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.0 17.2 25.8

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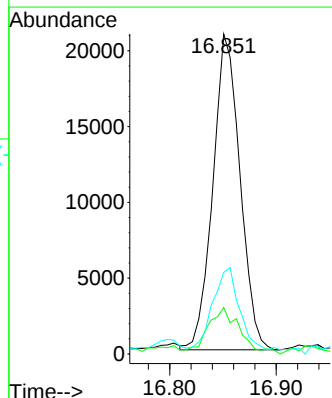
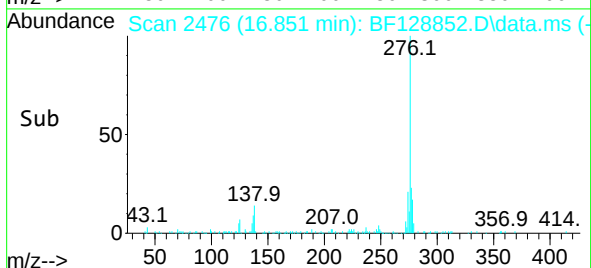
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

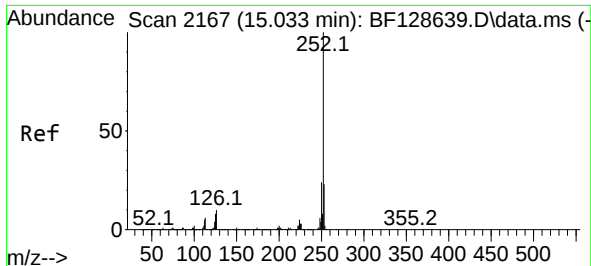


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.751 ng
RT: 16.851 min Scan# 2476
Delta R.T. -0.012 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09



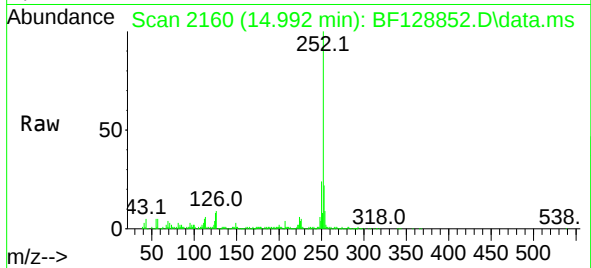
Tgt Ion:276 Resp: 36815
Ion Ratio Lower Upper
276 100
138 17.1 21.1 31.7#
277 30.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 10.609 ng m
RT: 14.992 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

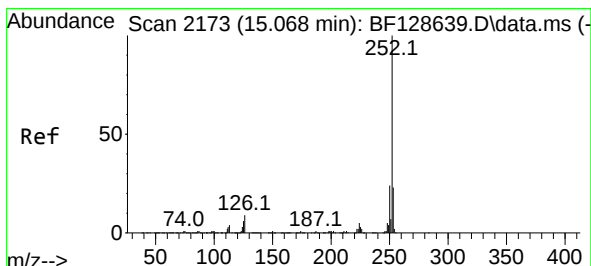
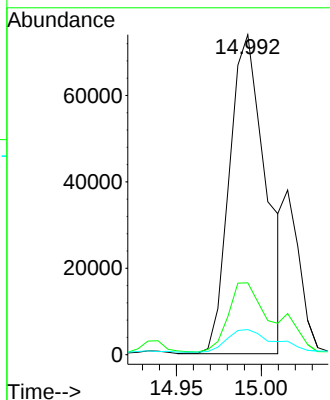
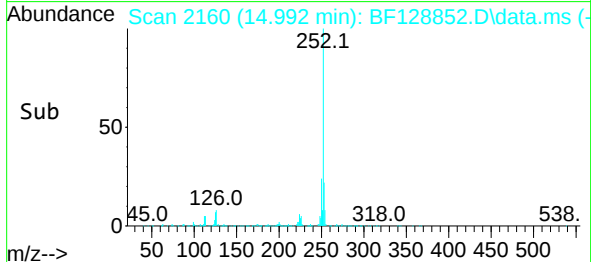
Instrument :
BNA_F
ClientSampleId :
VNJ-211



Tgt Ion:252 Resp: 110374
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 7.8 8.0 12.0

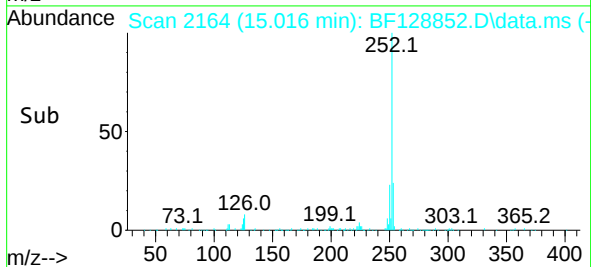
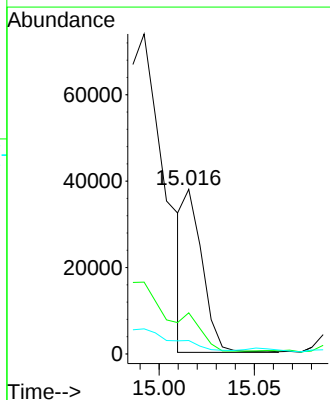
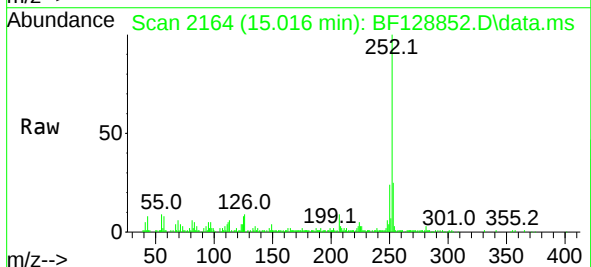
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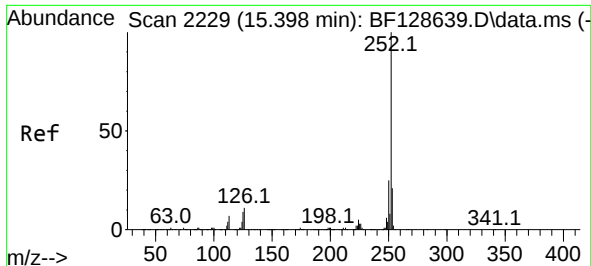
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#89
Benzo(k)fluoranthene
Concen: 2.623 ng m
RT: 15.016 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

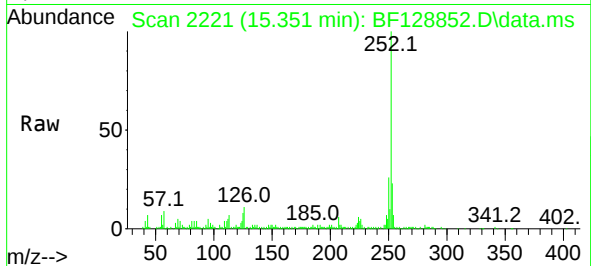
Tgt Ion:252 Resp: 25669
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 8.2 8.3 12.5





#90
Benzo(a)pyrene
Concen: 7.190 ng m
RT: 15.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

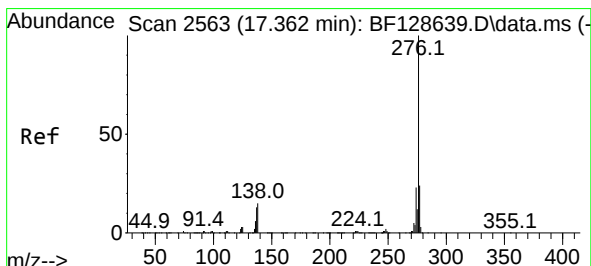
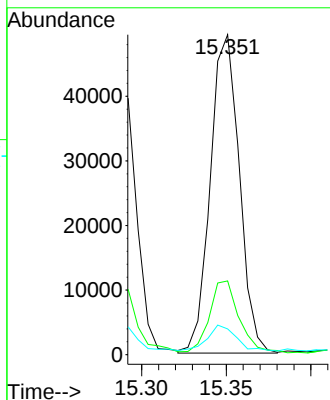
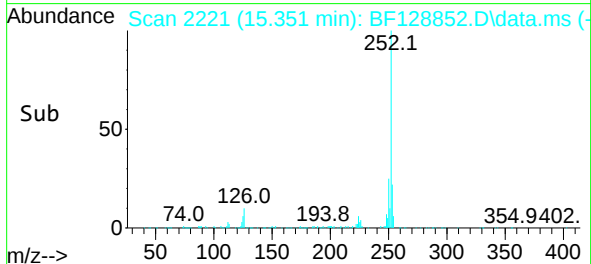
Instrument :
BNA_F
ClientSampleId :
VNJ-211



Tgt Ion:252 Resp: 58798
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 8.1 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#92
Benzo(g,h,i)perylene
Concen: 4.160 ng
RT: 17.286 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BF128852.D
Acq: 17 Jun 2022 14:09

Tgt Ion:276 Resp: 33560
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 15.7 18.0 27.0#

