

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129250.D
 Acq On : 15 Jul 2022 21:30
 Operator : CG\JU
 Sample : N3693-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	256159	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1046024	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	552540	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	906167	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	508803	20.000	ng	0.00
86) Perylene-d12	15.557	264	476398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1592484	99.285	ng	0.00
7) Phenol-d6	6.522	99	2065651	99.575	ng	0.00
23) Nitrobenzene-d5	7.457	82	1304189	66.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	492263	95.986	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2213047	67.856	ng	0.00
79) Terphenyl-d14	13.010	244	2081022	76.512	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	336325	7.310	ng	98
75) Fluoranthene	12.639	202	374037	8.163	ng	98
78) Pyrene	12.868	202	284460	6.903	ng	98
81) Benzo(a)anthracene	14.057	228	89239	2.781	ng	99
83) Chrysene	14.092	228	98071	3.201	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	560085	22.931	ng	99
88) Benzo(b)fluoranthene	15.115	252	109431m	3.739	ng	
90) Benzo(a)pyrene	15.486	252	69400	2.913	ng	# 93

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

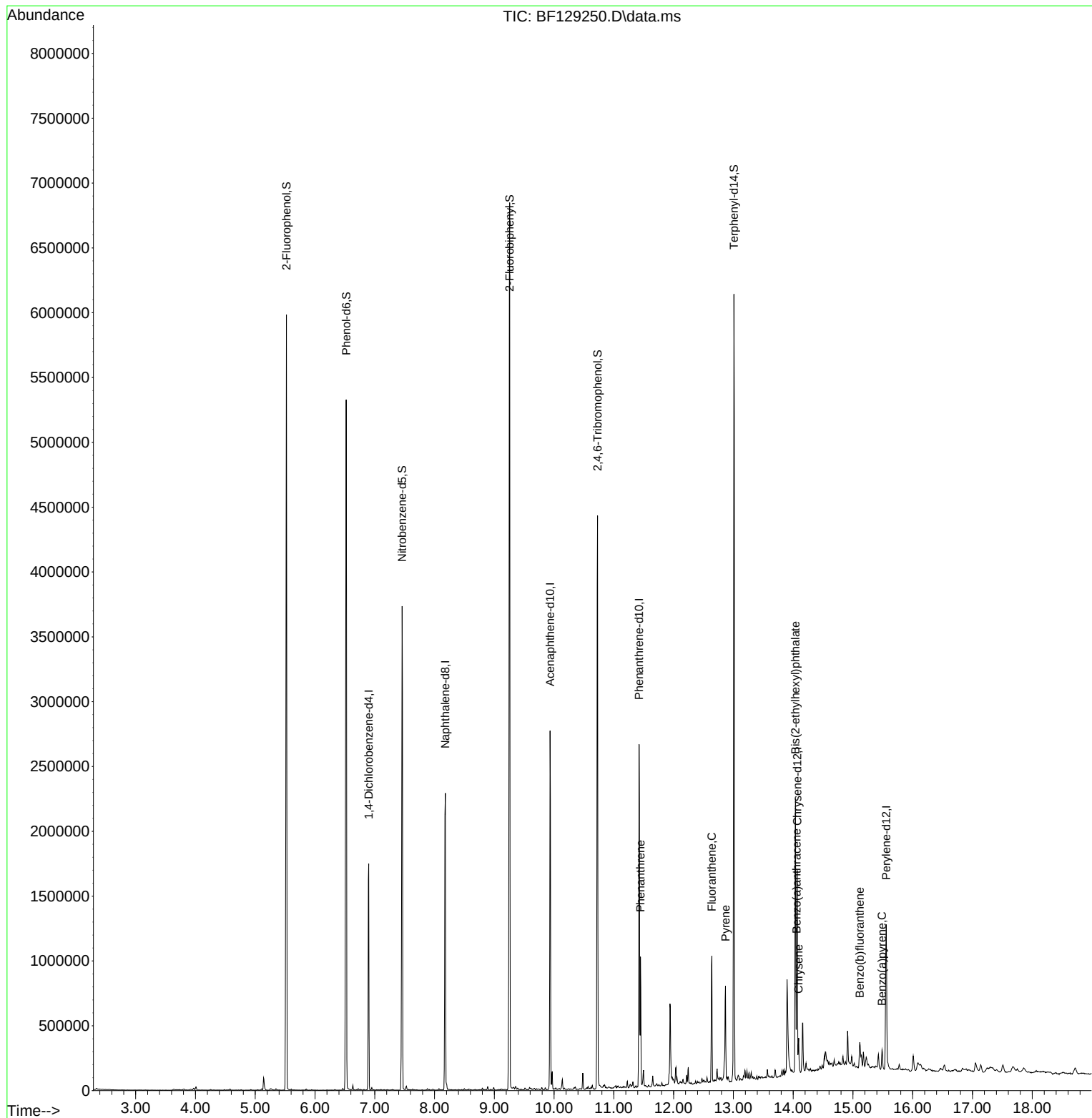
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129250.D
Acq On : 15 Jul 2022 21:30
Operator : CG\JU
Sample : N3693-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

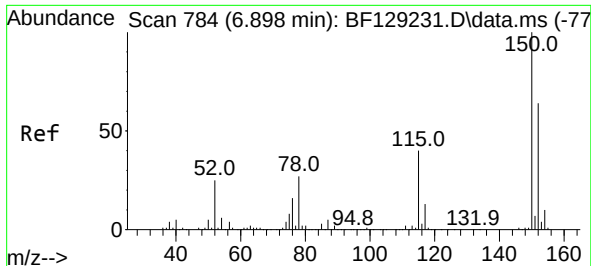
Instrument :
BNA_F
ClientSampleId :
VNJ-230

Quant Time: Jul 16 01:43:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
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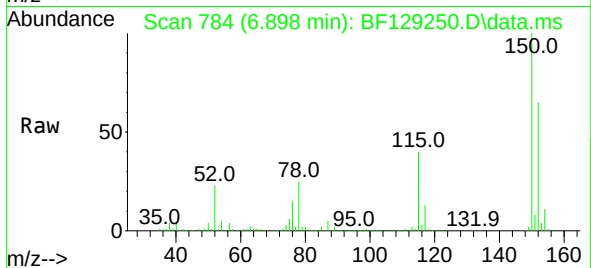
Reviewed By : Christian Giraldo 07/18/2022
Supervised By : Jagrut Upadhyay 07/18/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30

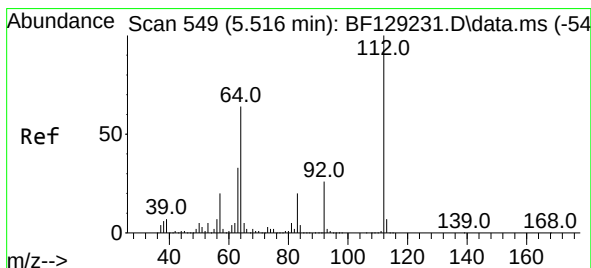
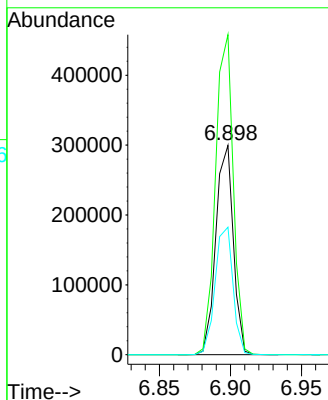
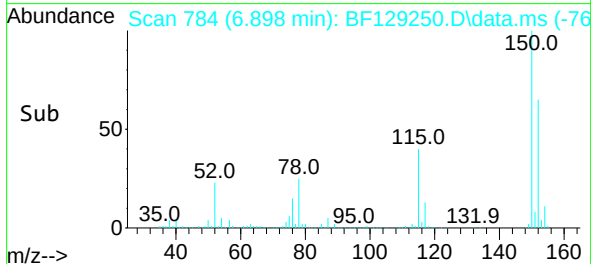
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230



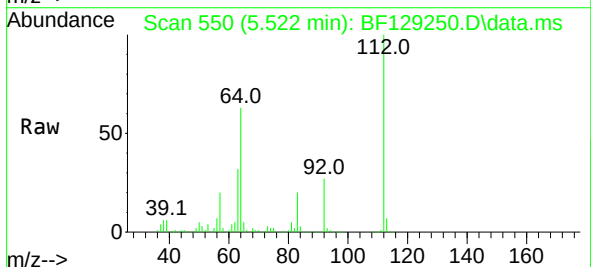
Tgt Ion:152 Resp: 256159
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.7 185.5
 115 60.9 49.9 74.9

Manual Integrations
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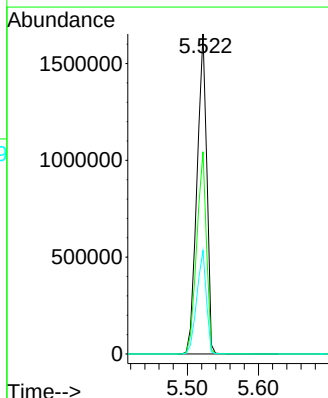
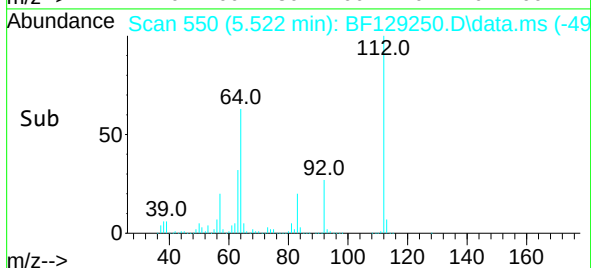
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

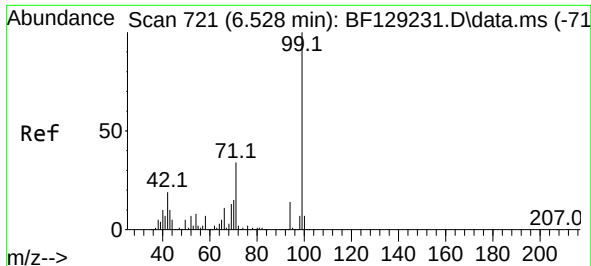


#5
 2-Fluorophenol
 Concen: 99.285 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30



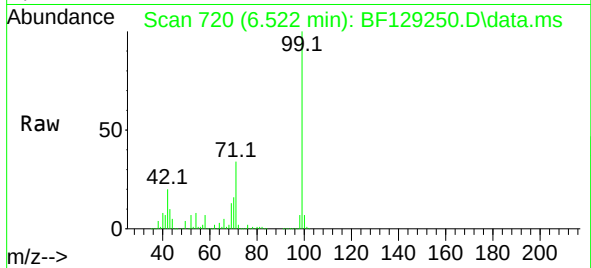
Tgt Ion:112 Resp: 1592484
 Ion Ratio Lower Upper
 112 100
 64 63.2 53.3 79.9
 63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 99.575 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

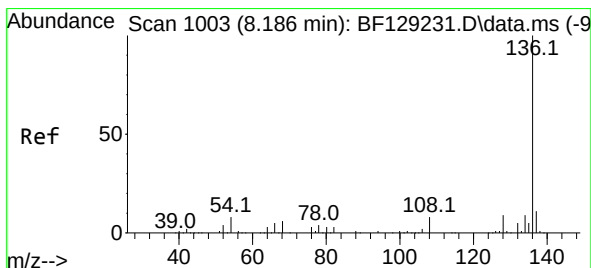
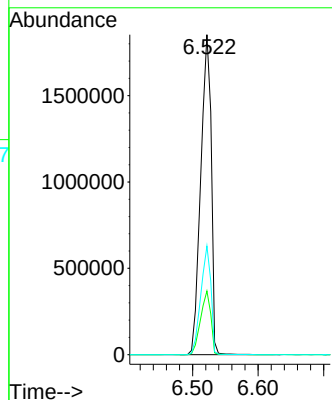
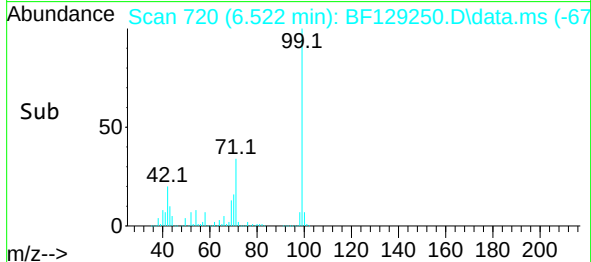
Instrument :
BNA_F
ClientSampleId :
VNJ-230



Tgt Ion: 99 Resp: 206565
Ion Ratio Lower Upper
99 100
42 19.9 17.3 25.9
71 34.0 28.9 43.3

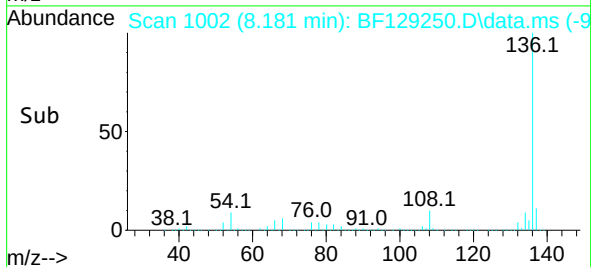
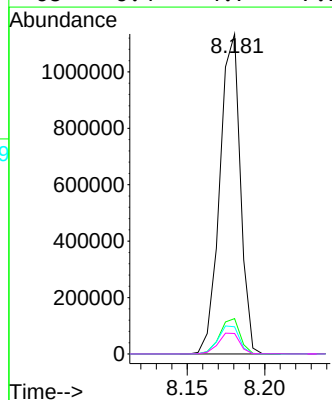
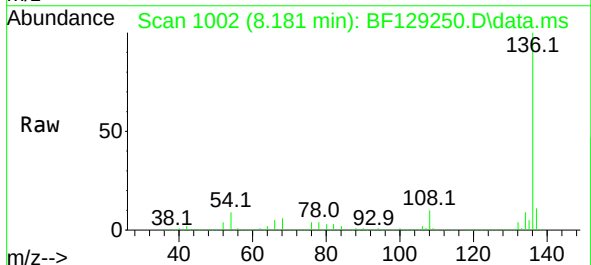
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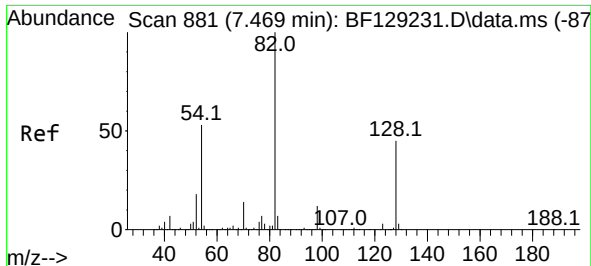
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

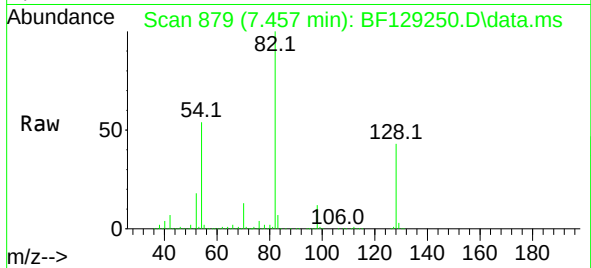
Tgt Ion:136 Resp: 1046024
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 7.5 11.3
68 6.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 66.647 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

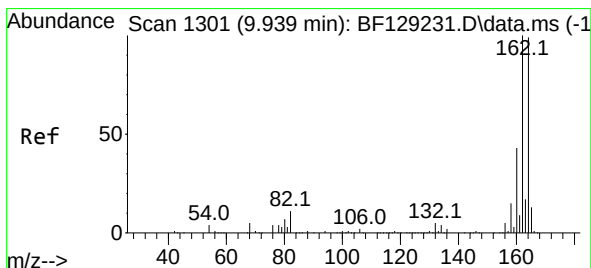
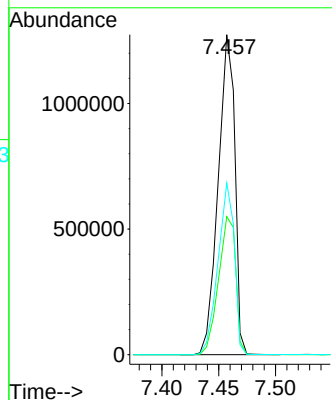
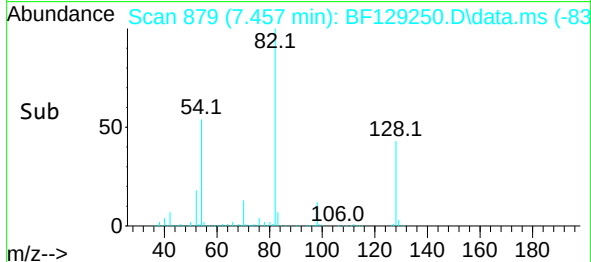
Instrument :
BNA_F
ClientSampleId :
VNJ-230



Tgt Ion: 82 Resp: 1304189
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 53.6 46.9 70.3

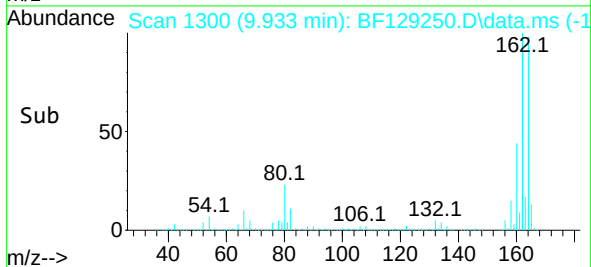
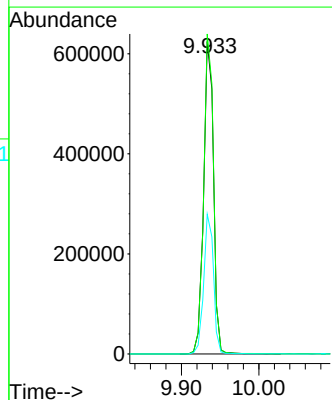
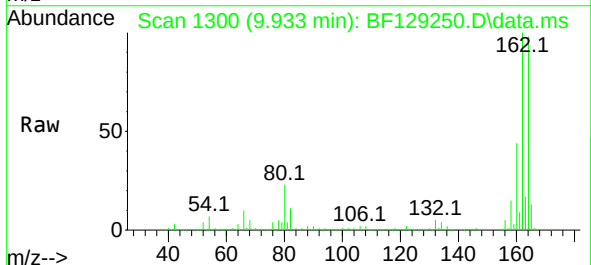
Manual Integrations
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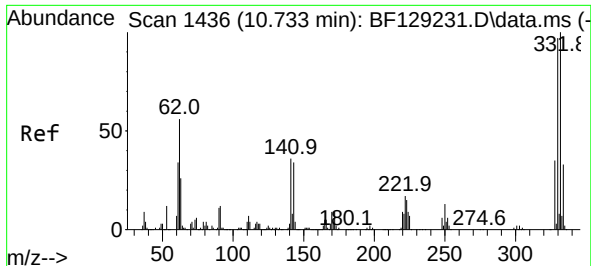
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

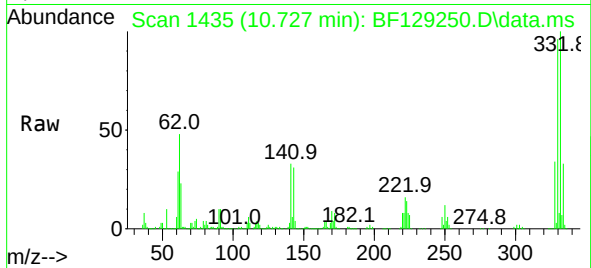
Tgt Ion:164 Resp: 552540
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 95.986 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

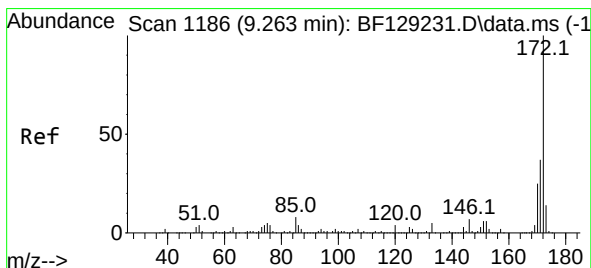
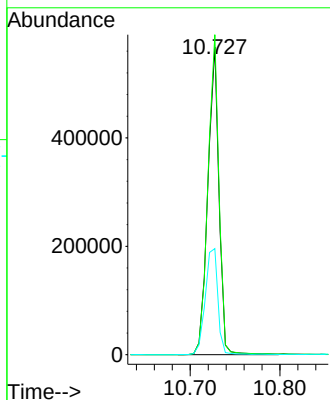
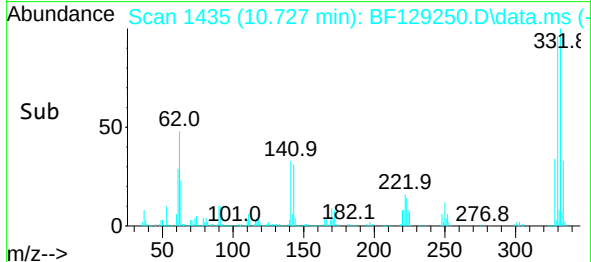
Instrument :
BNA_F
ClientSampleId :
VNJ-230



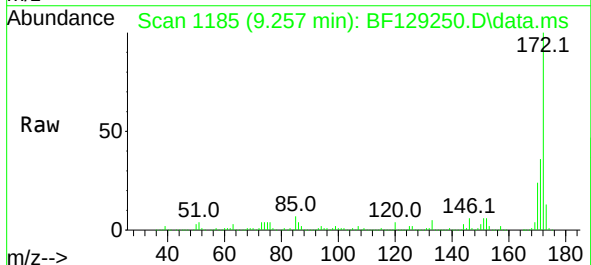
Tgt Ion: 330 Resp: 492261
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 39.2 28.0 42.0

Manual Integrations
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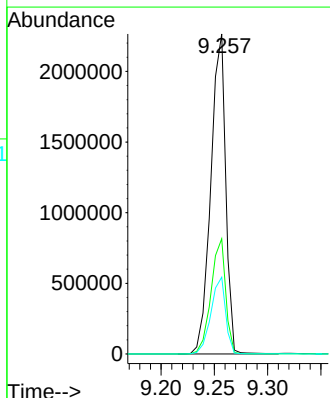
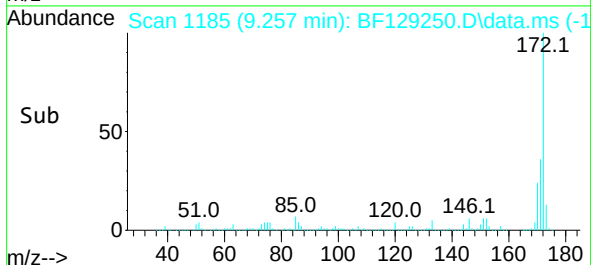
Reviewed By : Christian Giraldo 07/18/2022
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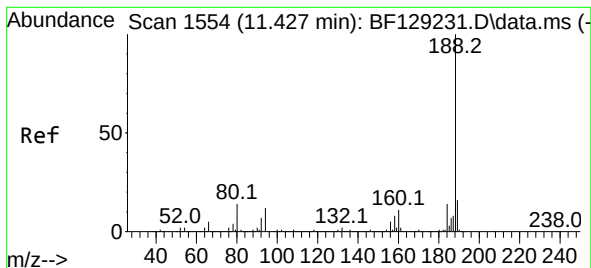


#45
2-Fluorobiphenyl
Concen: 67.856 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30



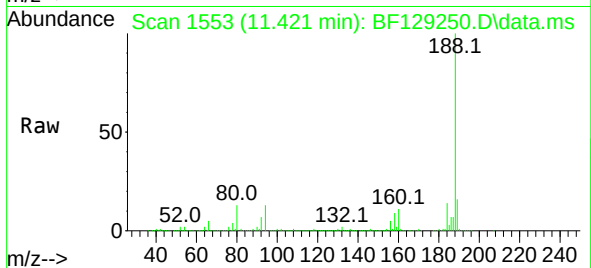
Tgt Ion: 172 Resp: 2213047
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11553
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

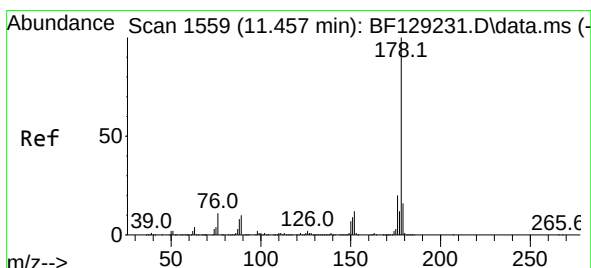
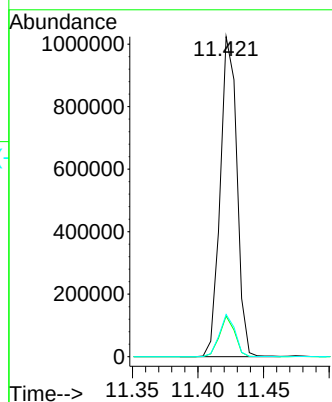
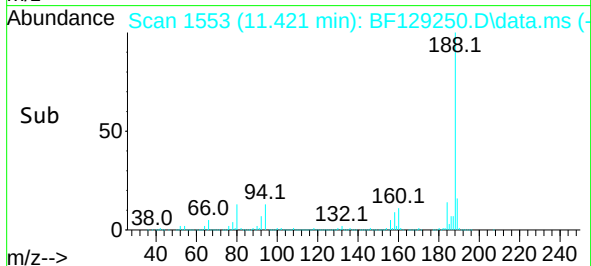
Instrument :
BNA_F
ClientSampleId :
VNJ-230



Tgt Ion:188 Resp: 90616
Ion Ratio Lower Upper
188 100
94 12.7 7.0 10.6
80 13.2 7.6 11.4

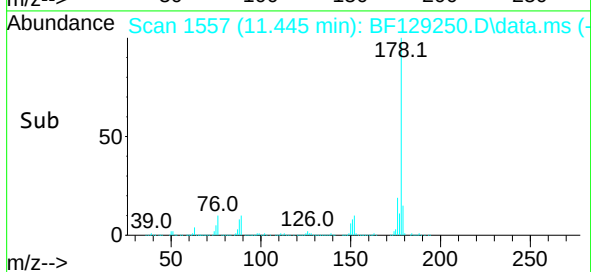
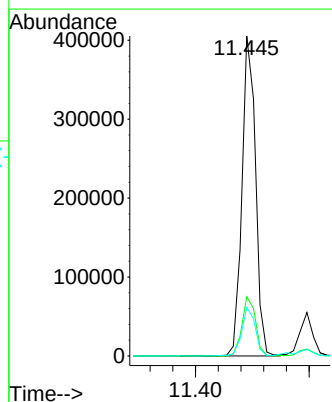
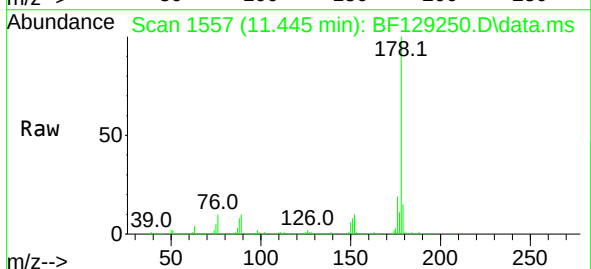
Manual Integrations
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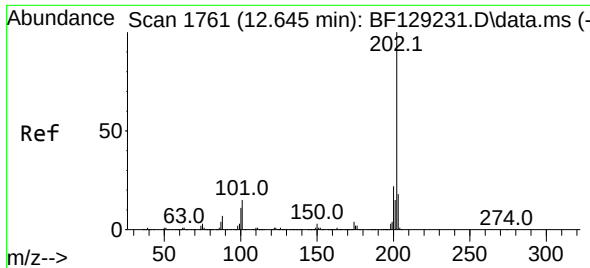
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#71
Phenanthrene
Concen: 7.310 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

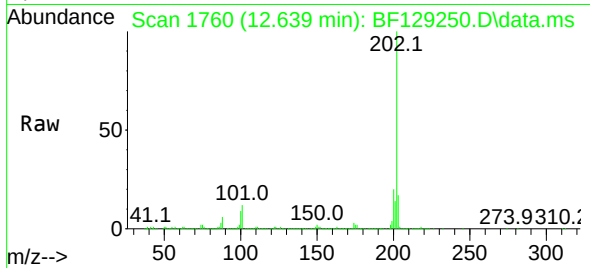
Tgt Ion:178 Resp: 336325
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.2 12.6 19.0





#75
Fluoranthene
Concen: 8.163 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

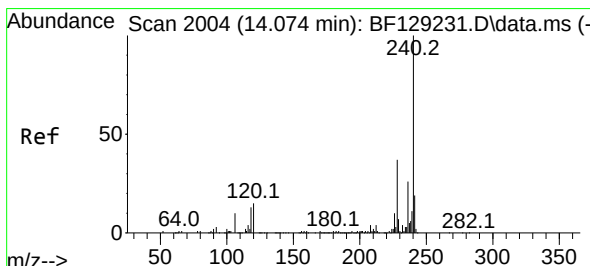
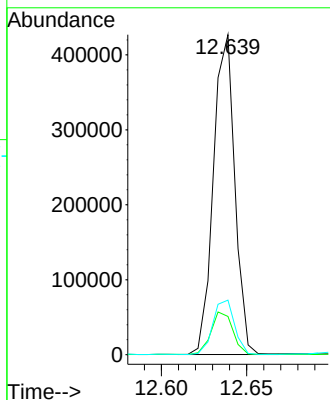
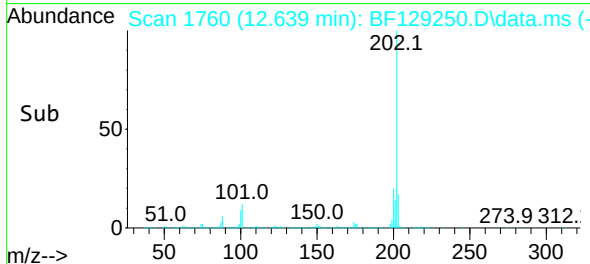
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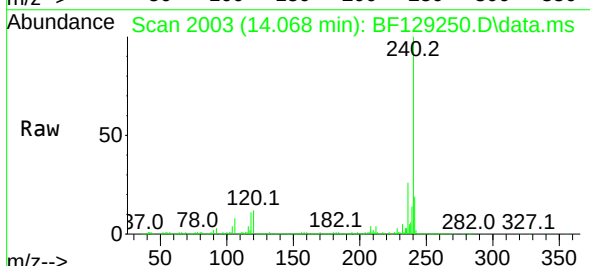
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Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.0 0.0 38.0

Manual Integrations
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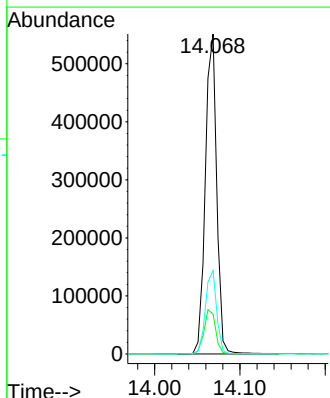
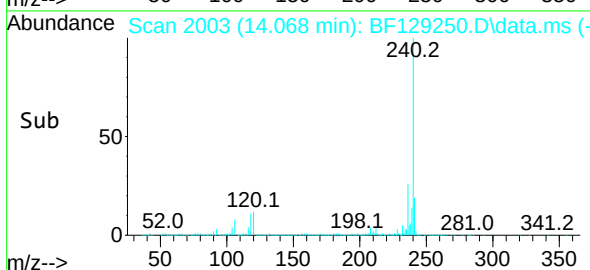
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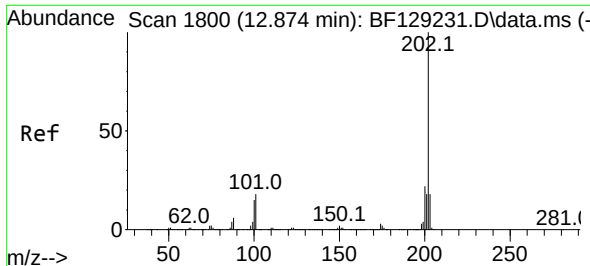


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30



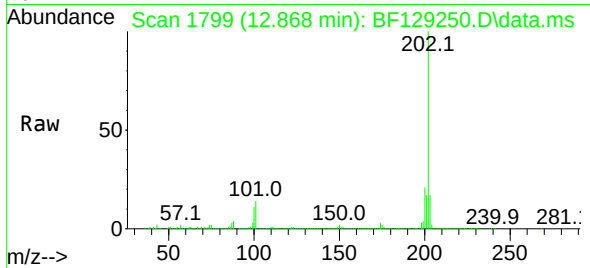
Tgt Ion:240 Resp: 508803
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 26.1 20.8 31.2





#78
Pyrene
Concen: 6.903 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

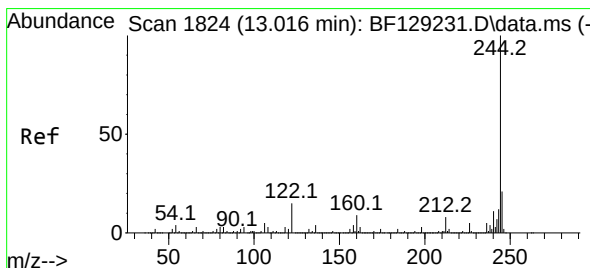
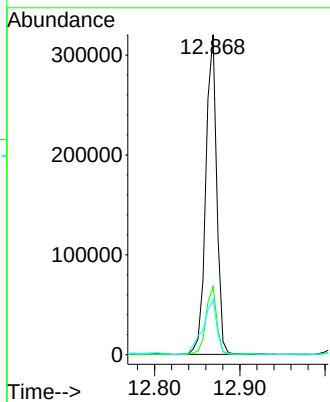
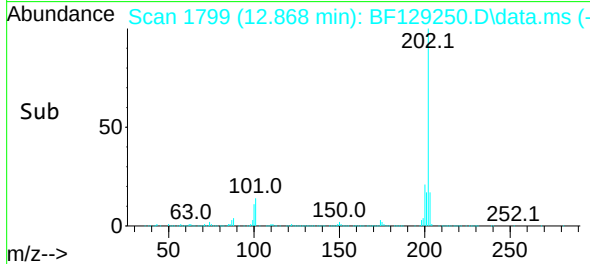
Instrument :
BNA_F
ClientSampleId :
VNJ-230



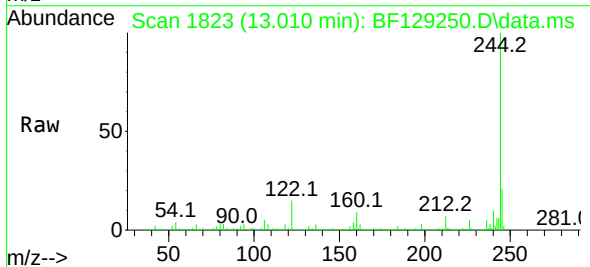
Tgt Ion:202 Resp: 284460
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.2 14.6 21.8

Manual Integrations
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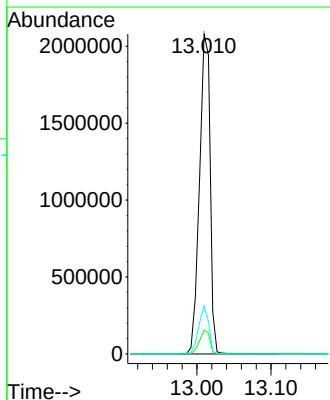
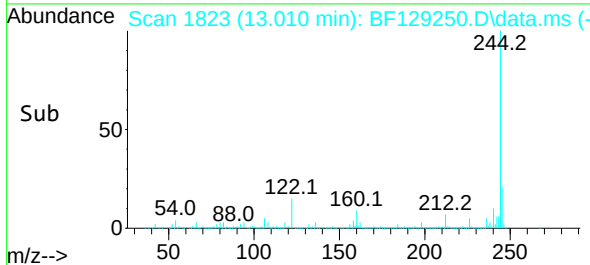
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

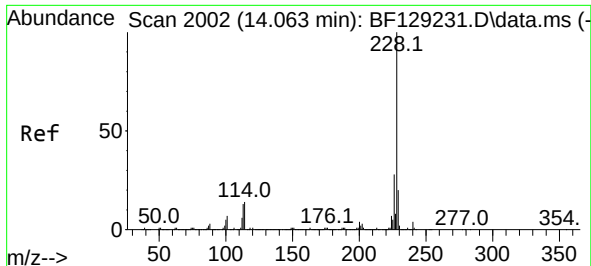


#79
Terphenyl-d14
Concen: 76.512 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30



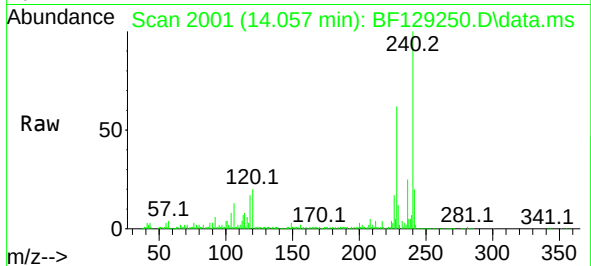
Tgt Ion:244 Resp: 2081022
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 15.0 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 2.781 ng
RT: 14.057 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

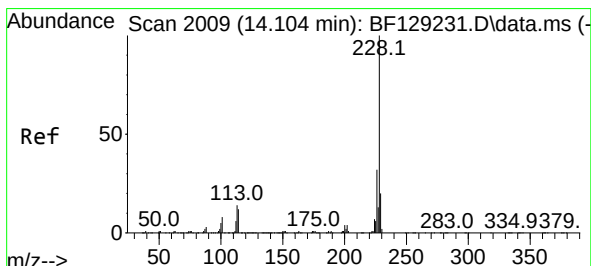
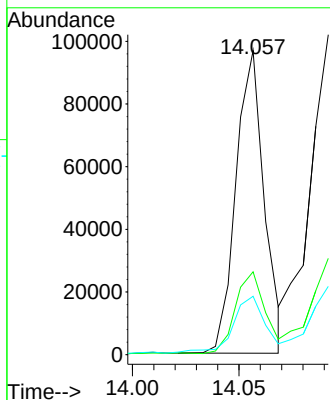
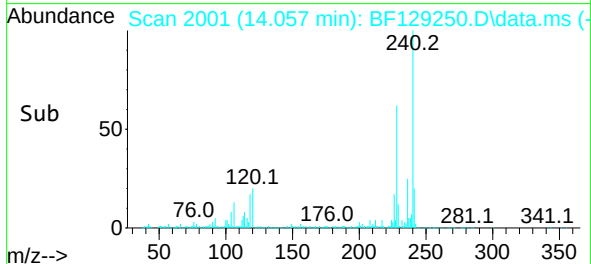
Instrument :
BNA_F
ClientSampleId :
VNJ-230



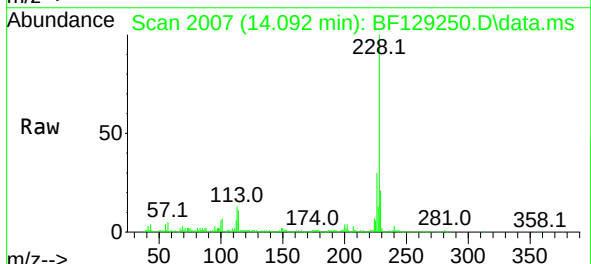
Tgt Ion:228 Resp: 89239
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.2 15.8 23.8

Manual Integrations
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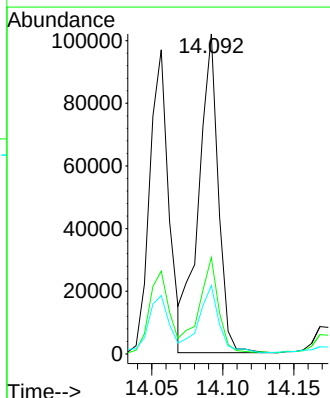
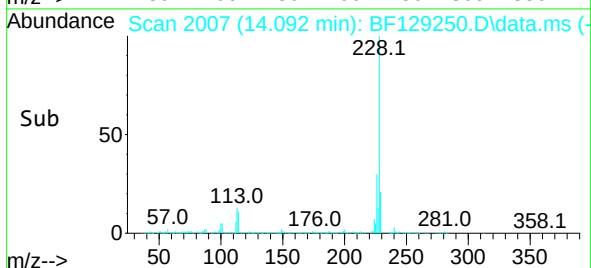
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

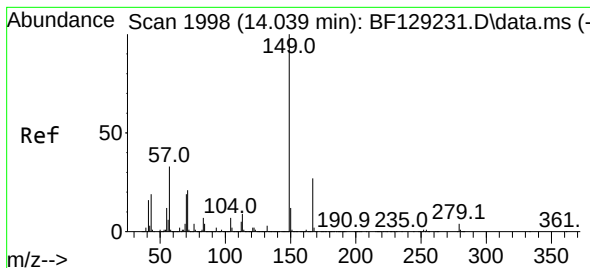


#83
Chrysene
Concen: 3.201 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30



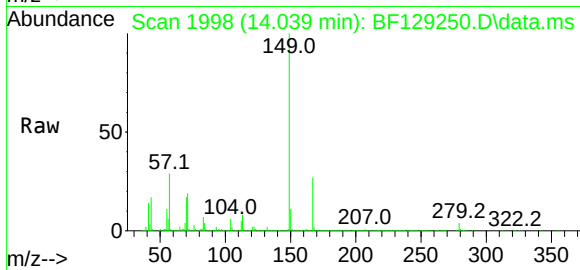
Tgt Ion:228 Resp: 98071
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.4 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 22.931 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

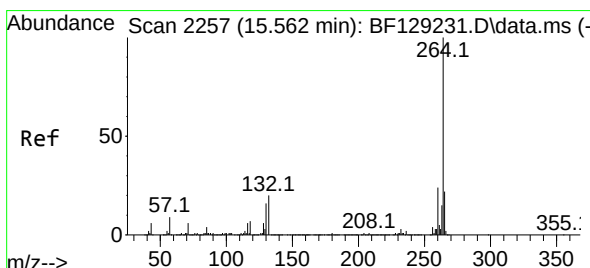
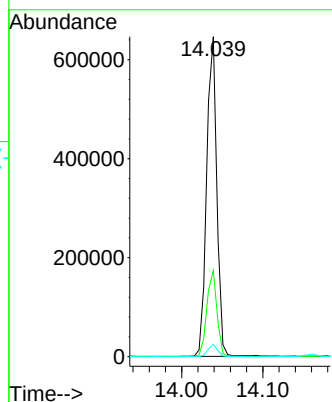
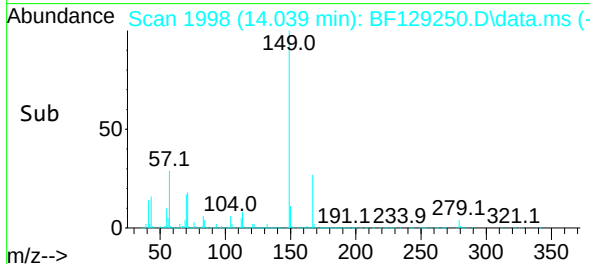
Instrument :
BNA_F
ClientSampleId :
VNJ-230



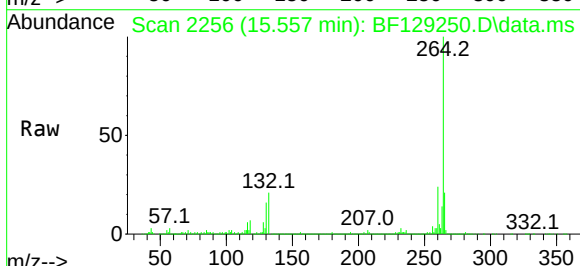
Tgt Ion:149 Resp: 560085
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 3.9 3.1 4.7

Manual Integrations
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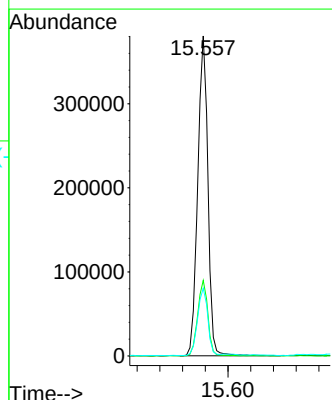
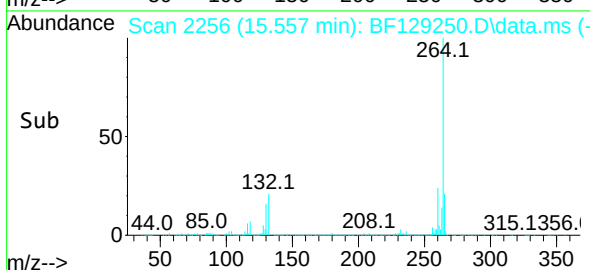
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

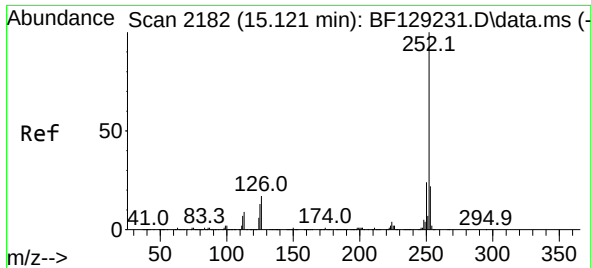


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30



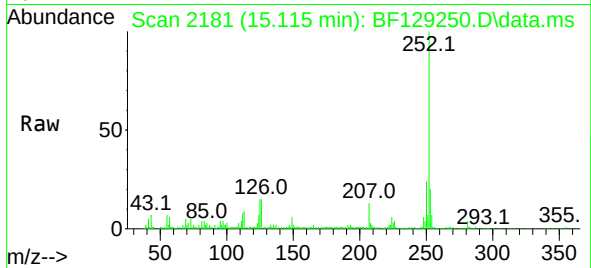
Tgt Ion:264 Resp: 476398
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.739 ng m
RT: 15.115 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

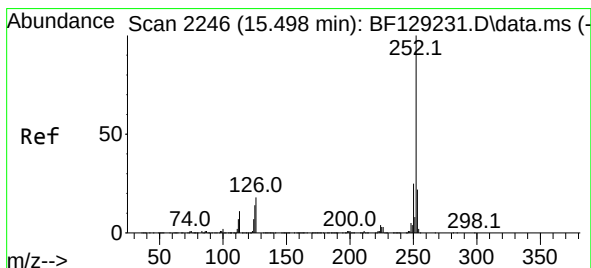
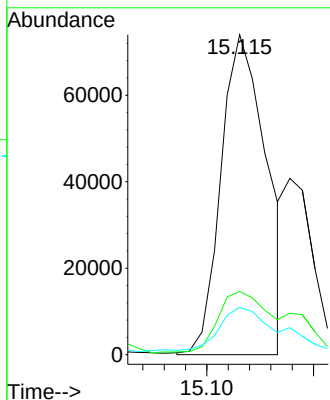
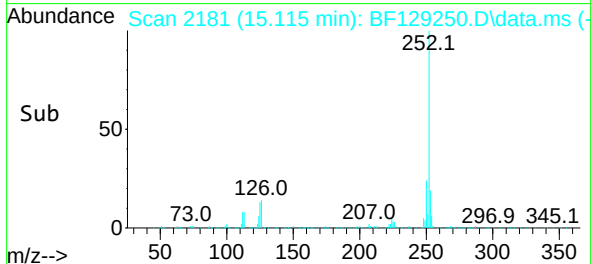
Instrument :
BNA_F
ClientSampleId :
VNJ-230



Tgt Ion:252 Resp: 10943
Ion Ratio Lower Upper
252 100
253 19.7 17.7 26.5
125 14.8 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#90
Benzo(a)pyrene
Concen: 2.913 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:252 Resp: 69400
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 15.3 8.8 13.2

