

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129931.D
 Acq On : 20 Aug 2022 02:55
 Operator : CG\JU
 Sample : N4213-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

Quant Time: Aug 20 07:59:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	155683	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	620376	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	318362	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	481882	20.000	ng	0.00
76) Chrysene-d12	13.957	240	260381	20.000	ng	0.00
86) Perylene-d12	15.415	264	261002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	919658	97.806	ng	0.00
7) Phenol-d6	6.445	99	1148838	97.566	ng	0.00
23) Nitrobenzene-d5	7.357	82	733741	63.314	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	281314	88.042	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1194202	56.972	ng	0.00
79) Terphenyl-d14	12.892	244	875966	55.978	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.087	128	99055	3.054	ng	99
71) Phenanthrene	11.333	178	59189	2.199	ng	98
75) Fluoranthene	12.527	202	108974	3.957	ng	98
78) Pyrene	12.757	202	91866	4.060	ng	97
81) Benzo(a)anthracene	13.951	228	41116	2.295	ng	99
83) Chrysene	13.986	228	44701	2.666	ng	97
84) Bis(2-ethylhexyl)phtha...	13.921	149	33143	2.918	ng	96
88) Benzo(b)fluoranthene	14.998	252	57477m	3.216	ng	
90) Benzo(a)pyrene	15.357	252	33984	2.415	ng	# 92

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

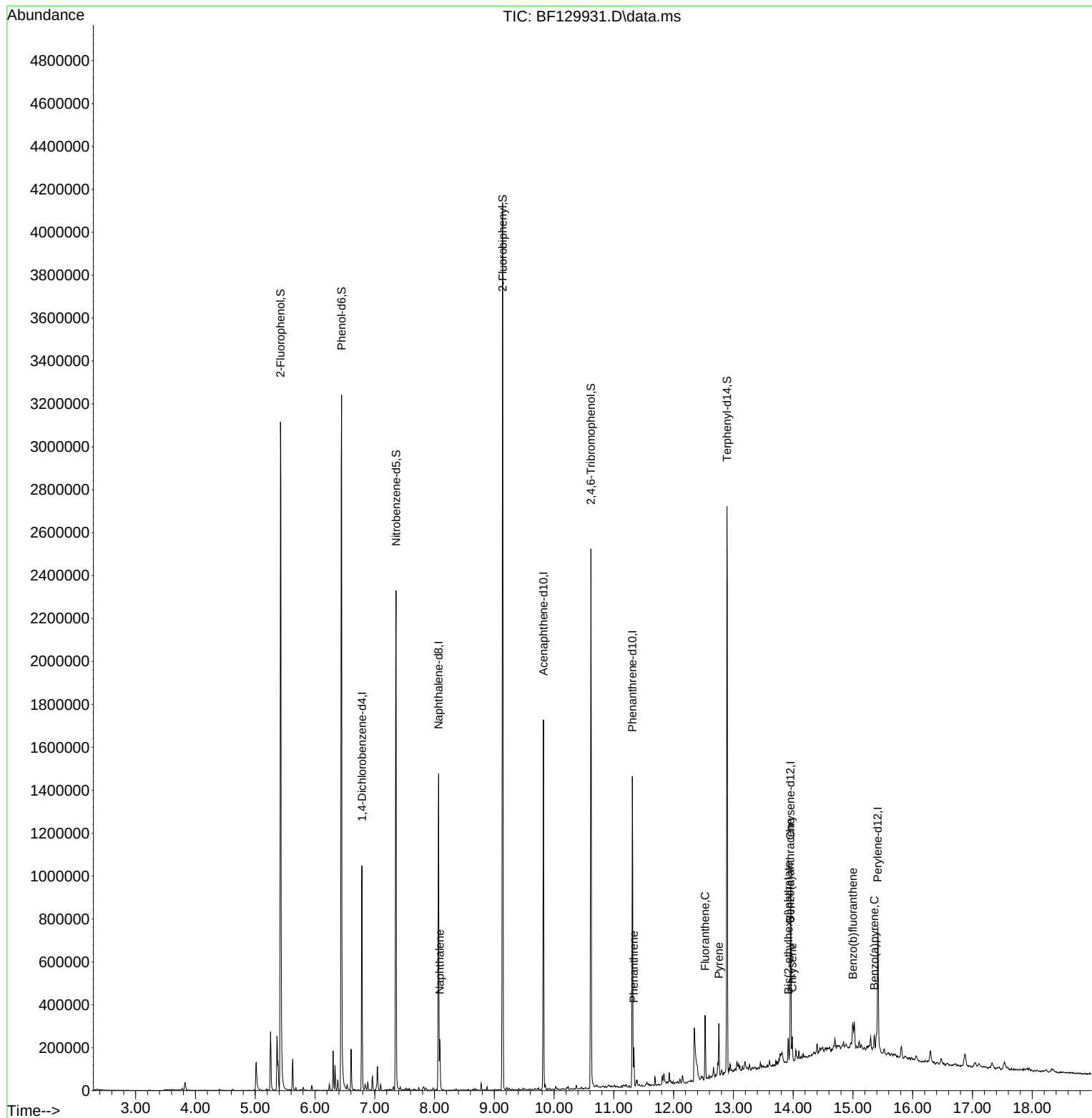
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129931.D
Acq On : 20 Aug 2022 02:55
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

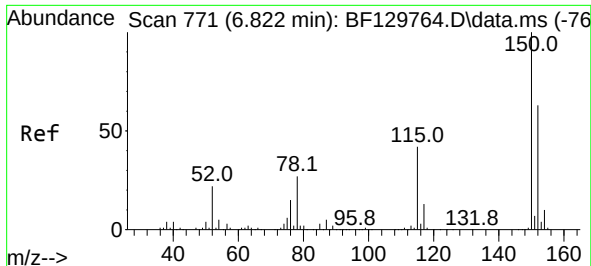
Instrument :
BNA_F
ClientSampleId :
VNJ-226

Quant Time: Aug 20 07:59:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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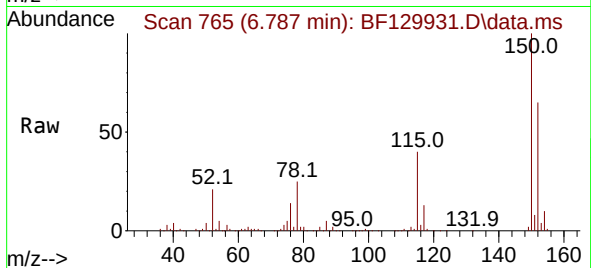
Reviewed By :Christian Giraldo 08/22/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

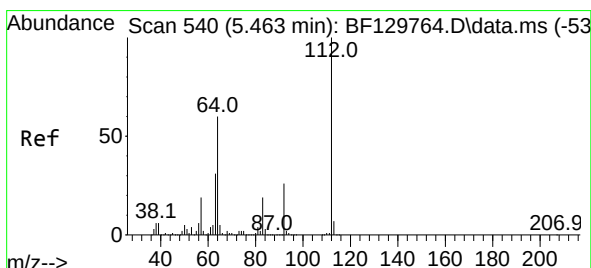
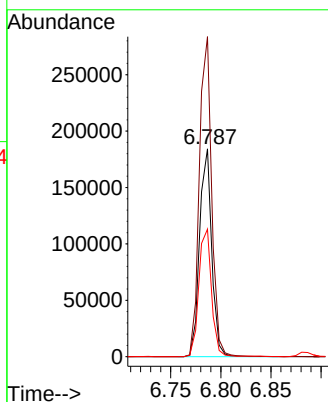
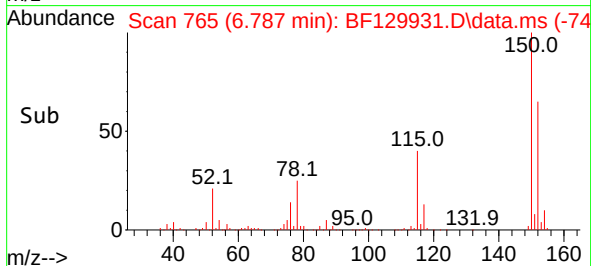
Instrument :
BNA_F
ClientSampleId :
VNJ-226



Tgt Ion:152 Resp: 15568
Ion Ratio Lower Upper
152 100
150 153.9 126.9 190.3
115 61.3 53.4 80.0

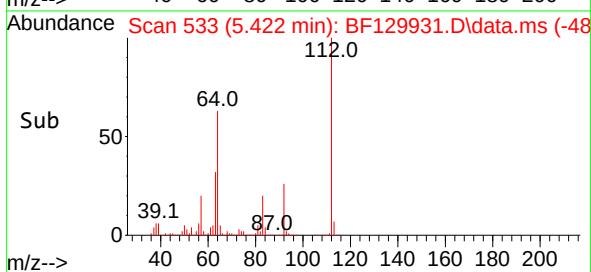
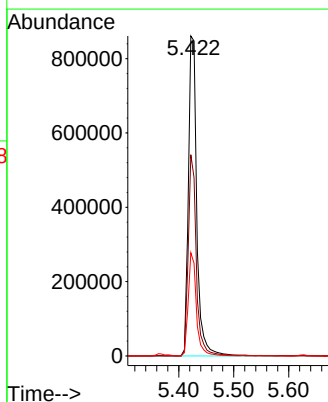
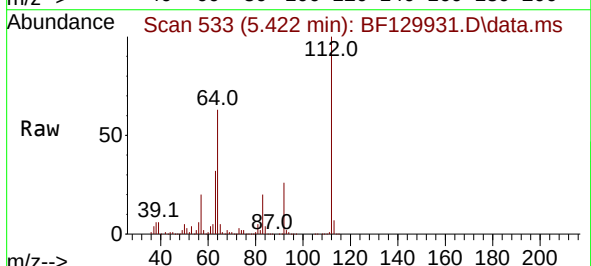
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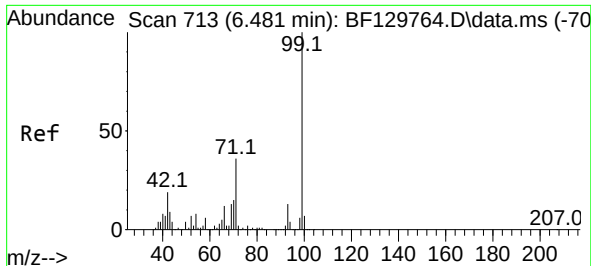
Reviewed By :Christian Giraldo 08/22/2022
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#5
2-Fluorophenol
Concen: 97.806 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

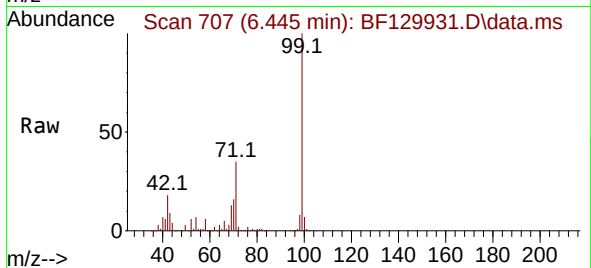
Tgt Ion:112 Resp: 919658
Ion Ratio Lower Upper
112 100
64 62.9 47.6 71.4
63 32.2 24.6 37.0





#7
Phenol-d6
Concen: 97.566 ng
RT: 6.445 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

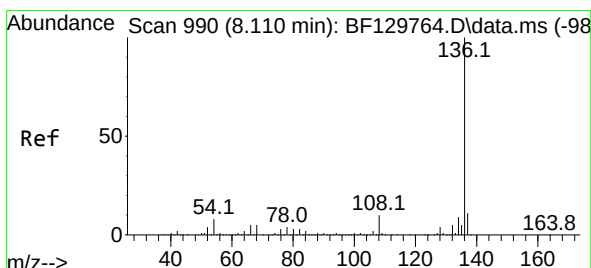
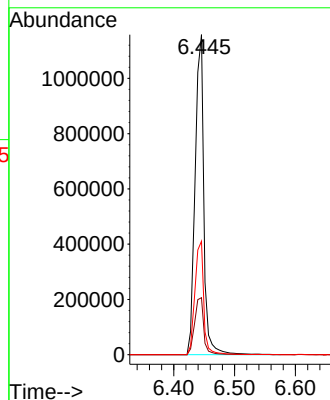
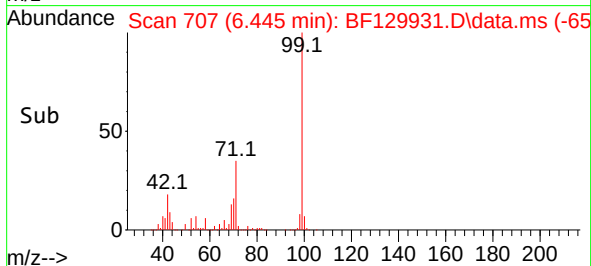
Instrument :
BNA_F
ClientSampleId :
VNJ-226



Tgt Ion: 99 Resp: 1148838
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.5 28.8 43.2

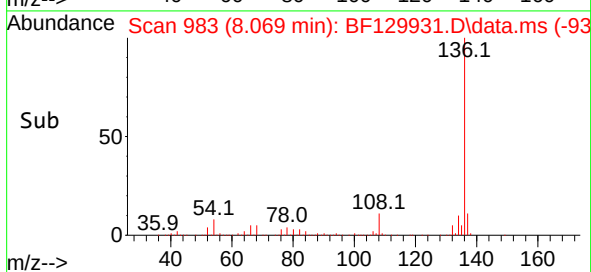
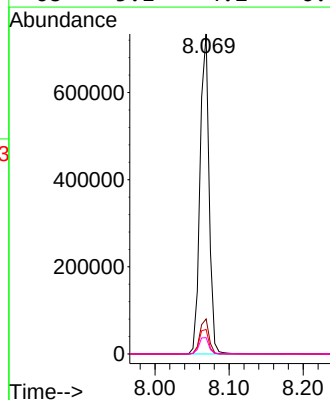
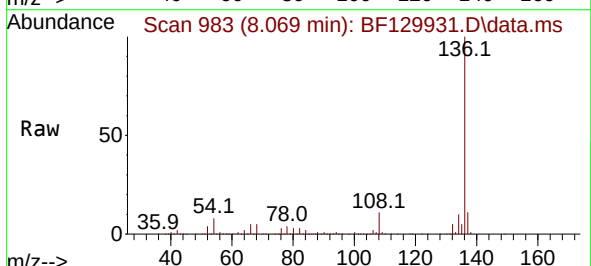
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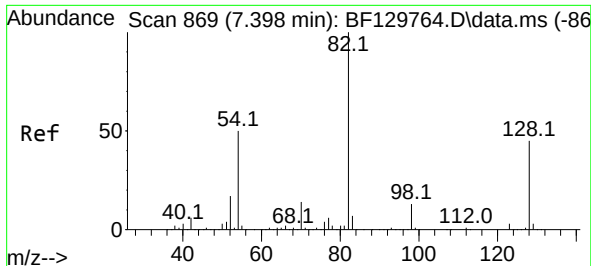
Reviewed By :Christian Giraldo 08/22/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

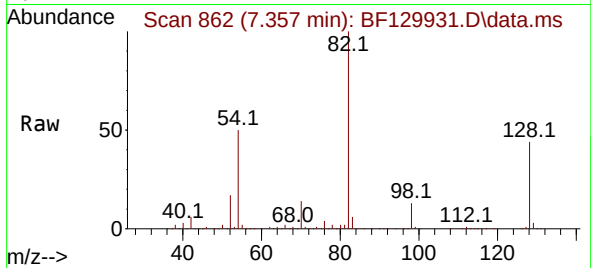
Tgt Ion:136 Resp: 620376
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.6 6.2 9.2
68 5.1 4.2 6.4





#23
Nitrobenzene-d5
Concen: 63.314 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

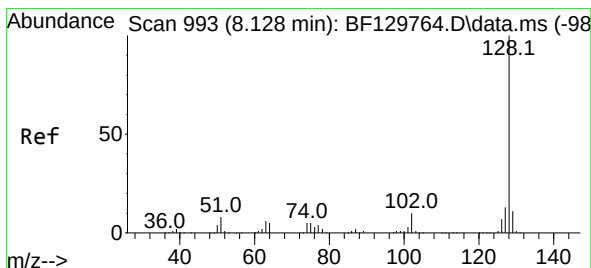
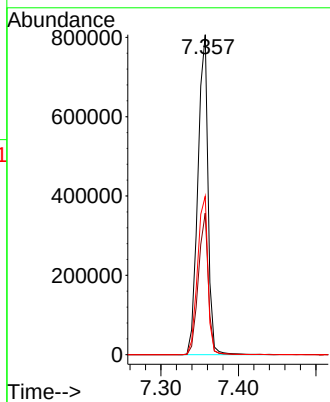
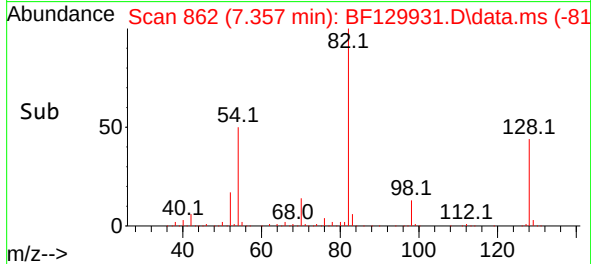
Instrument :
BNA_F
ClientSampleId :
VNJ-226



Tgt Ion: 82 Resp: 73374
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 49.5 40.0 60.0

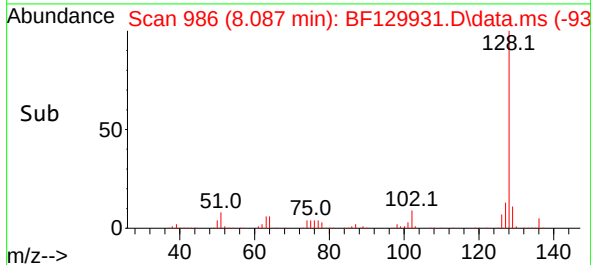
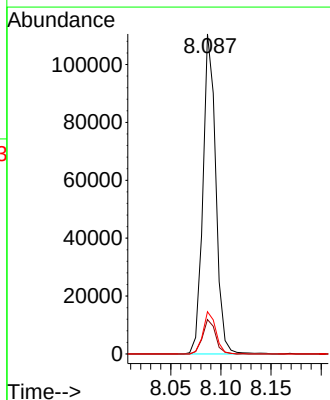
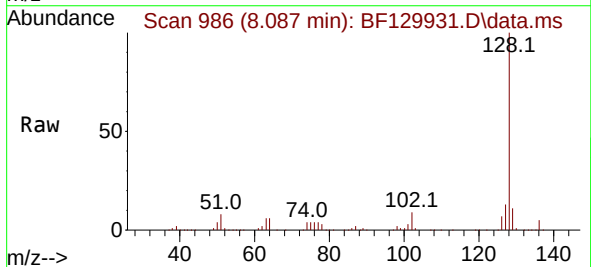
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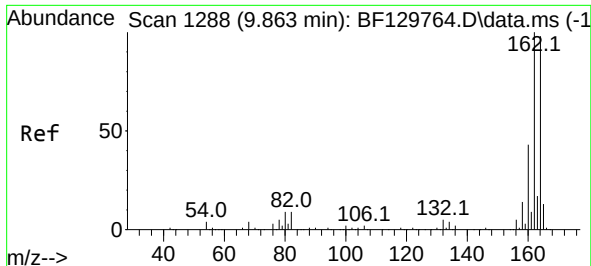
Reviewed By :Christian Giraldo 08/22/2022
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#31
Naphthalene
Concen: 3.054 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

Tgt Ion:128 Resp: 99055
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.7 16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129931.D

Acq: 20 Aug 2022 02:55

Instrument :

BNA_F

ClientSampleId :

VNJ-226

Tgt Ion:164 Resp: 31836

Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

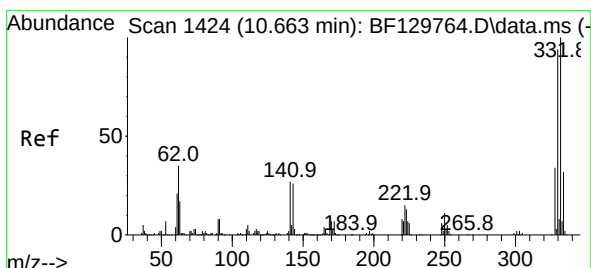
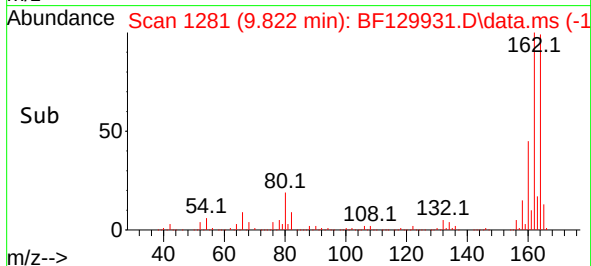
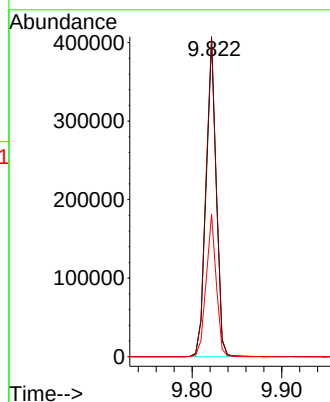
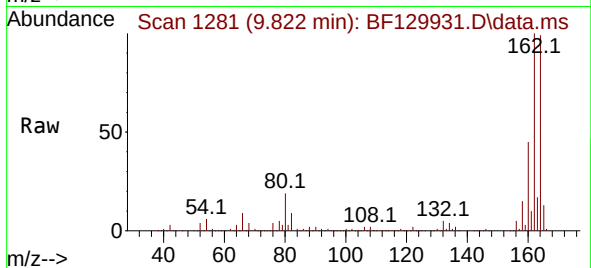
160 45.0 35.4 53.0

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 88.042 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF129931.D

Acq: 20 Aug 2022 02:55

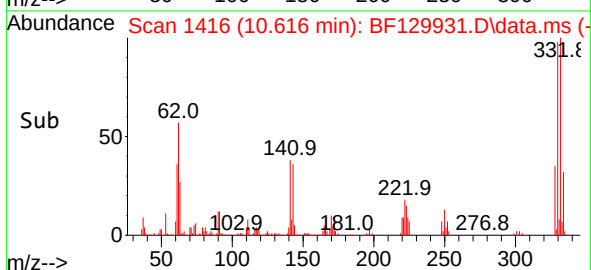
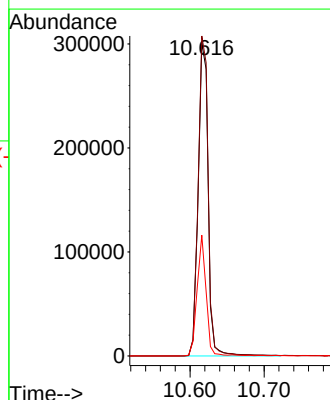
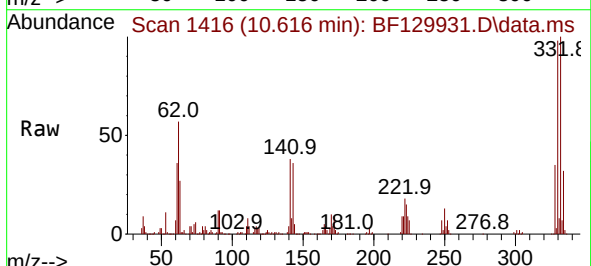
Tgt Ion:330 Resp: 281314

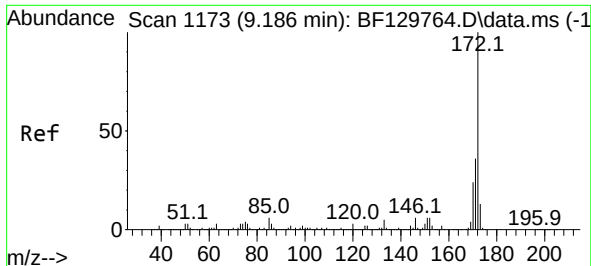
Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 34.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 56.972 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129931.D

Acq: 20 Aug 2022 02:55

Instrument :

BNA_F

ClientSampleId :

VNJ-226

Tgt Ion:172 Resp: 119420

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

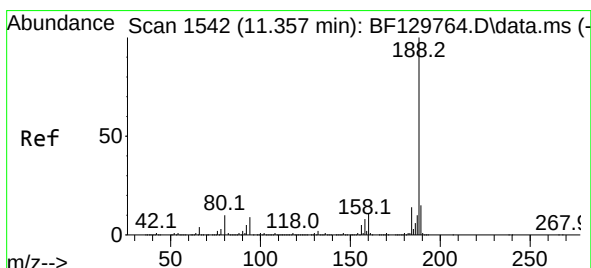
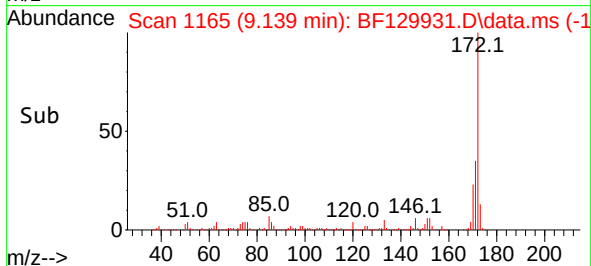
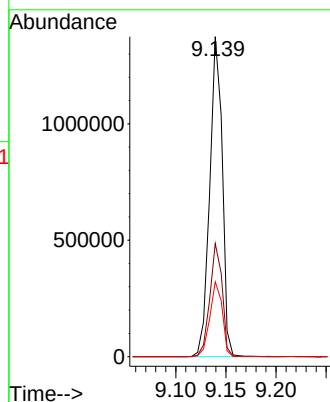
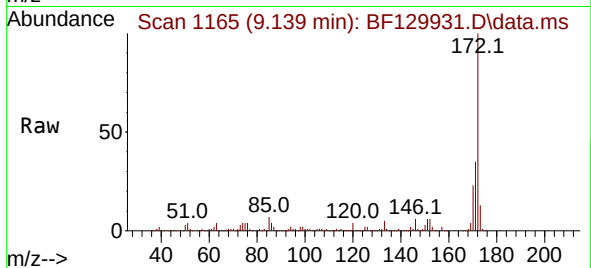
170 23.4 19.1 28.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/22/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF129931.D

Acq: 20 Aug 2022 02:55

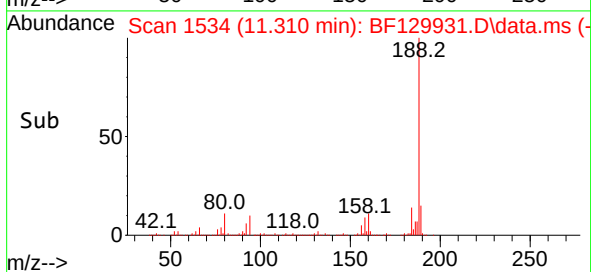
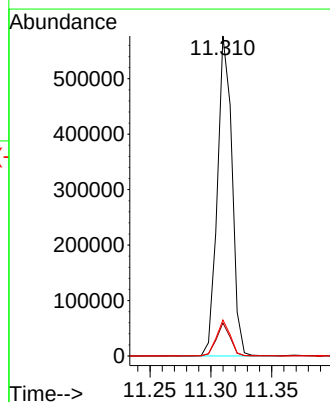
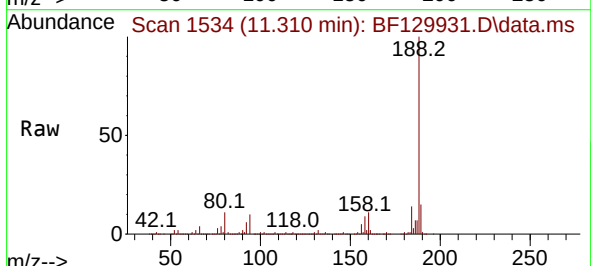
Tgt Ion:188 Resp: 481882

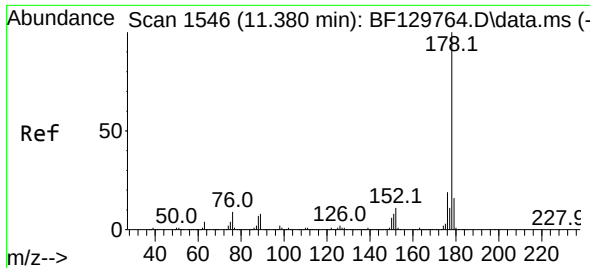
Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

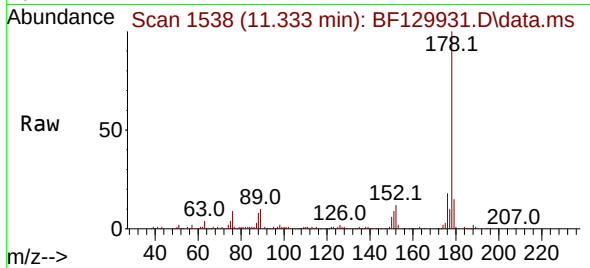
80 11.2 7.9 11.9





#71
Phenanthrene
Concen: 2.199 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

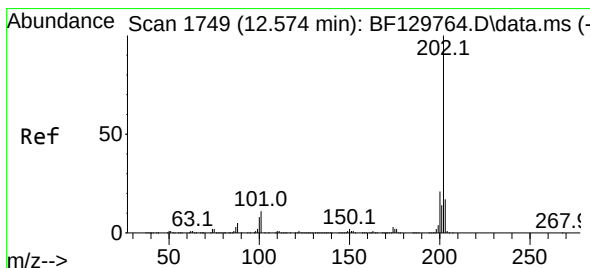
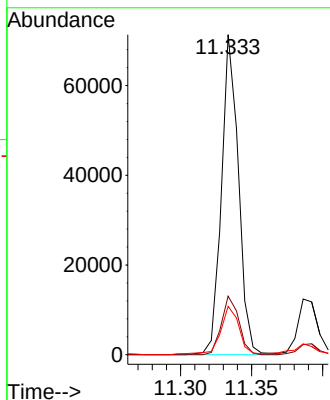
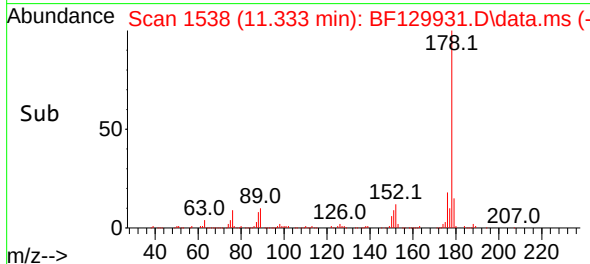
Instrument :
BNA_F
ClientSampleId :
VNJ-226



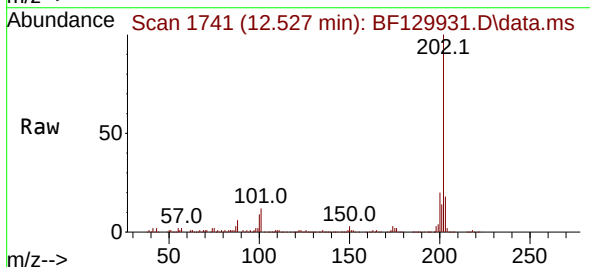
Tgt Ion:178 Resp: 59189
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.1 12.5 18.7

Manual Integrations
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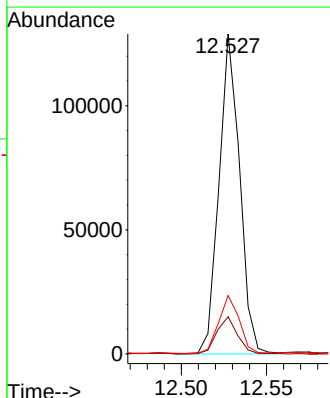
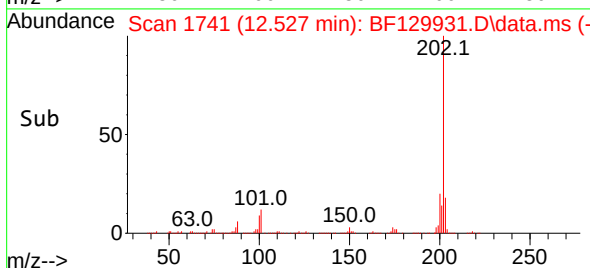
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

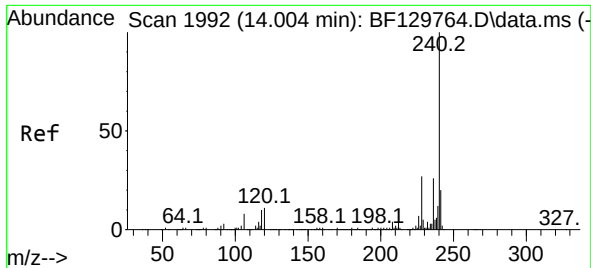


#75
Fluoranthene
Concen: 3.957 ng
RT: 12.527 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55



Tgt Ion:202 Resp: 108974
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 18.3 0.0 37.5





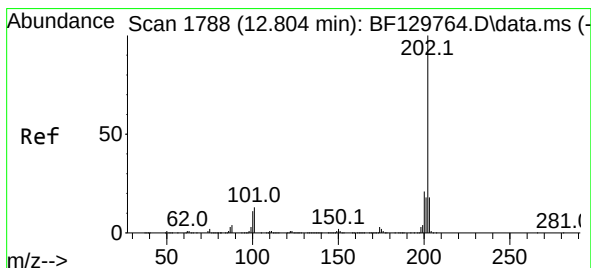
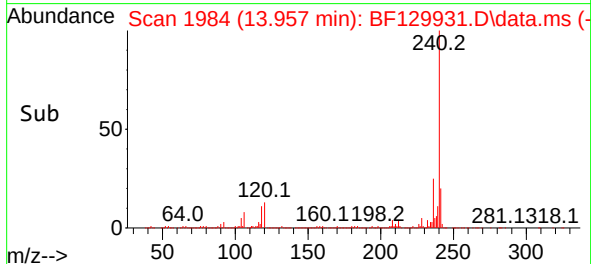
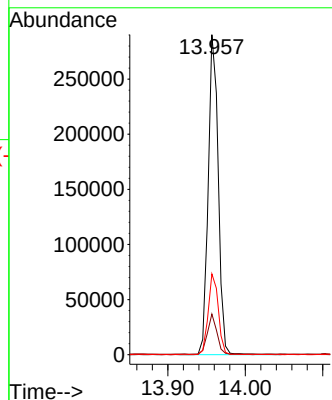
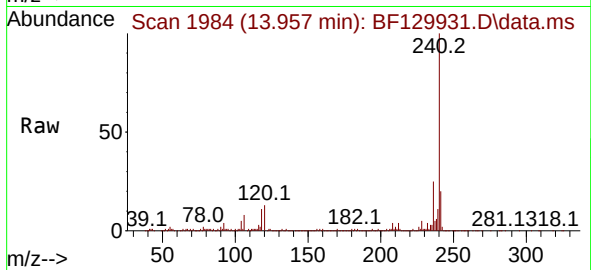
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tgt Ion:240 Resp: 26038
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.3 20.7 31.1

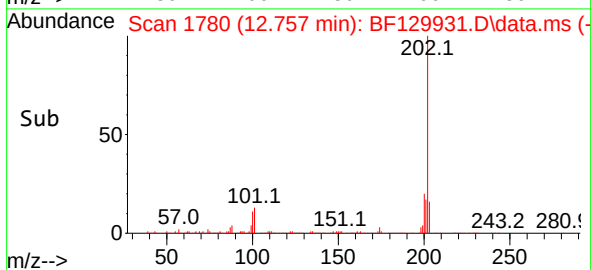
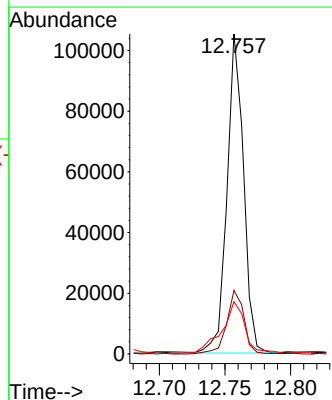
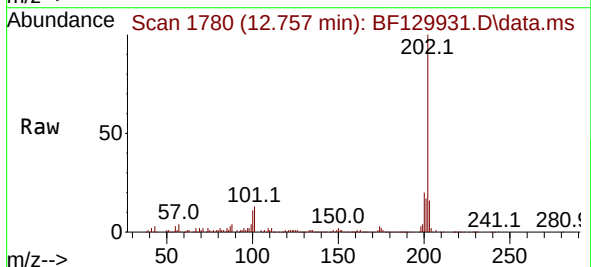
Manual Integrations
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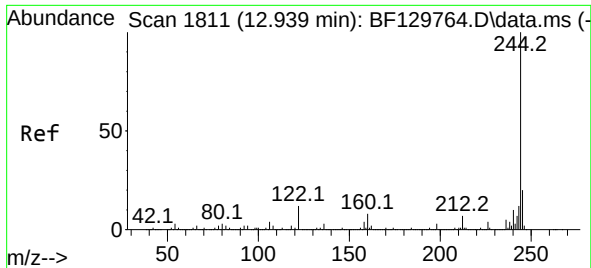
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#78
Pyrene
Concen: 4.060 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

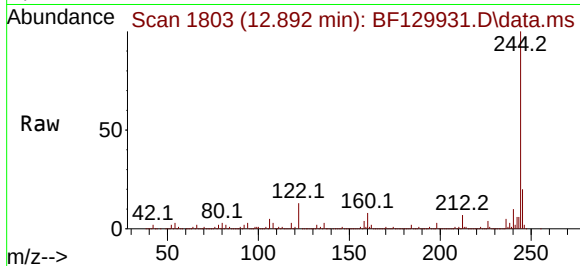
Tgt Ion:202 Resp: 91866
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.6
203 16.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 55.978 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. -0.006 min
 Lab File: BF129931.D
 Acq: 20 Aug 2022 02:55

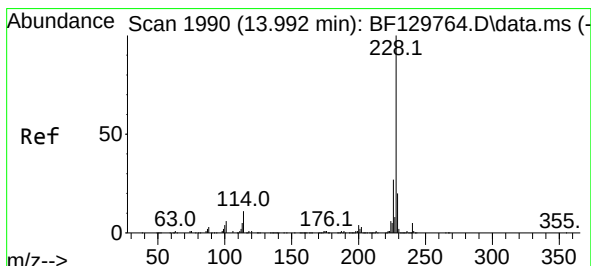
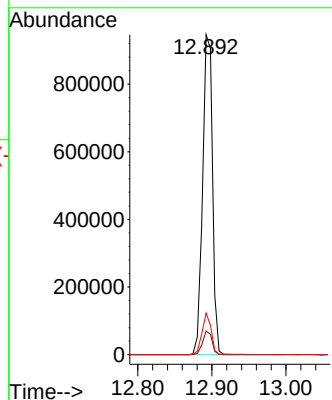
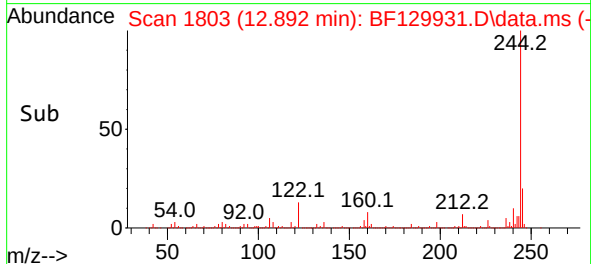
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226



Tgt Ion:244 Resp: 875960
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.0 9.9 14.9

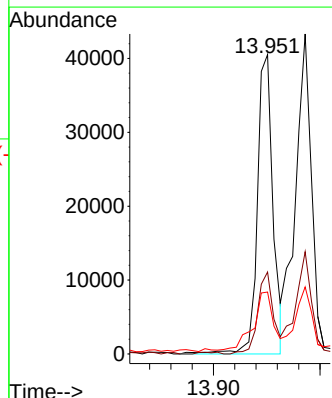
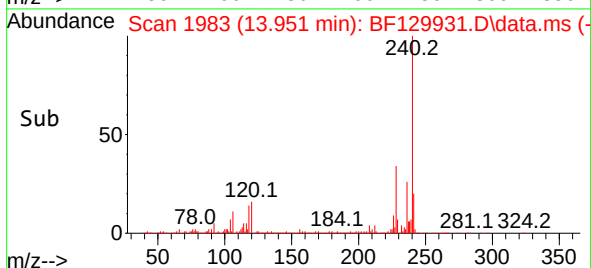
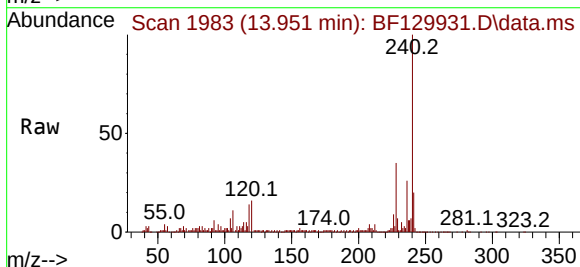
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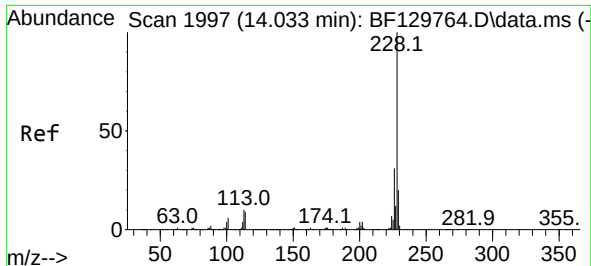
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#81
 Benzo(a)anthracene
 Concen: 2.295 ng
 RT: 13.951 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: BF129931.D
 Acq: 20 Aug 2022 02:55

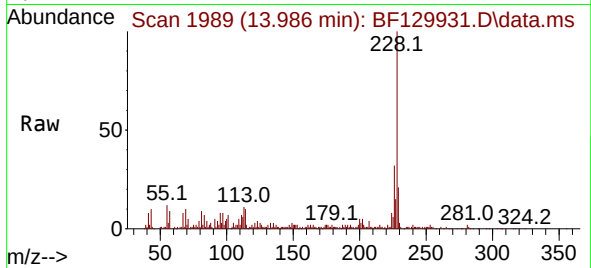
Tgt Ion:228 Resp: 41116
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.4 32.0
 229 20.7 16.1 24.1





#83
Chrysene
Concen: 2.666 ng
RT: 13.986 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

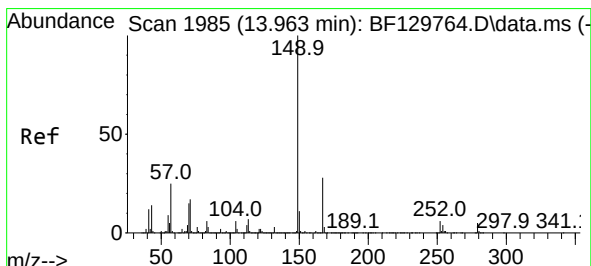
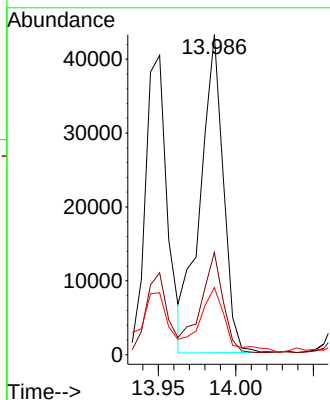
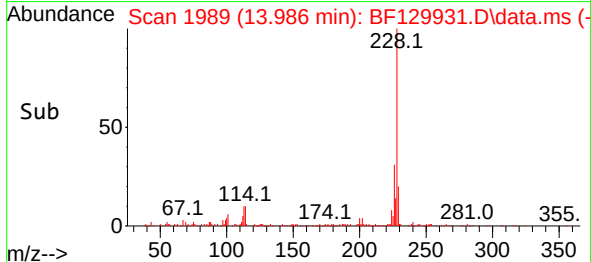
Instrument :
BNA_F
ClientSampleId :
VNJ-226



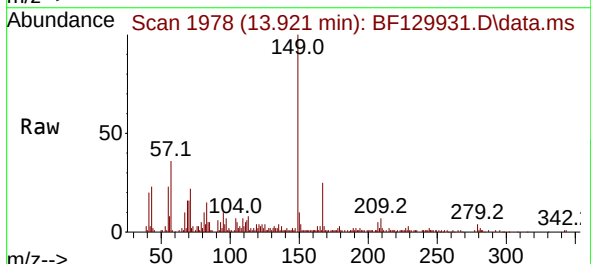
Tgt Ion:228 Resp: 4470
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 20.9 15.9 23.9

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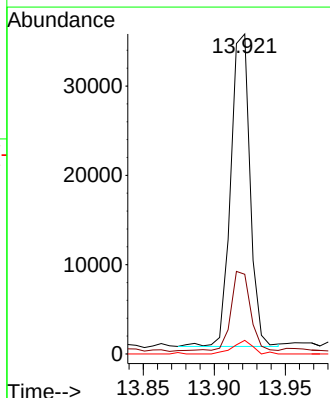
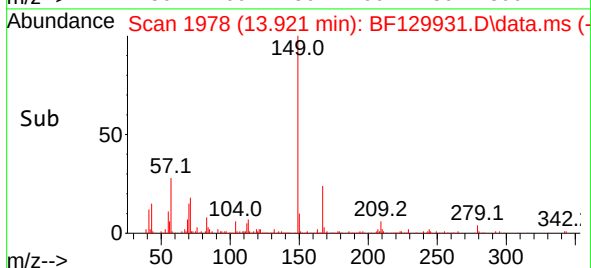
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

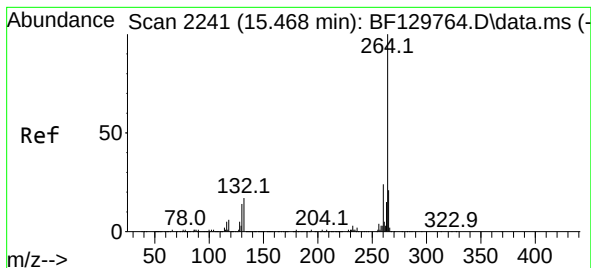


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.918 ng
RT: 13.921 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55



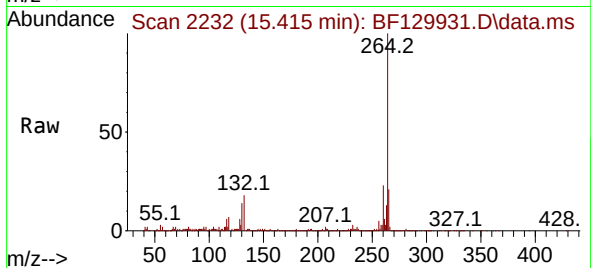
Tgt Ion:149 Resp: 33143
Ion Ratio Lower Upper
149 100
167 24.9 22.0 33.0
279 4.2 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55

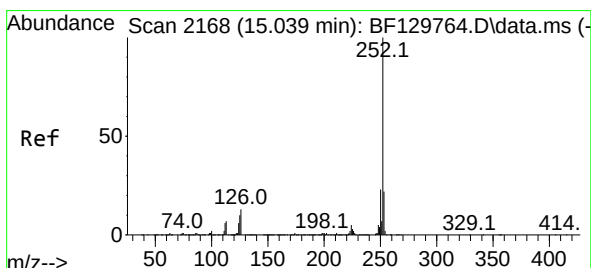
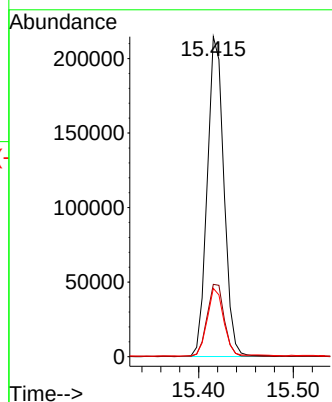
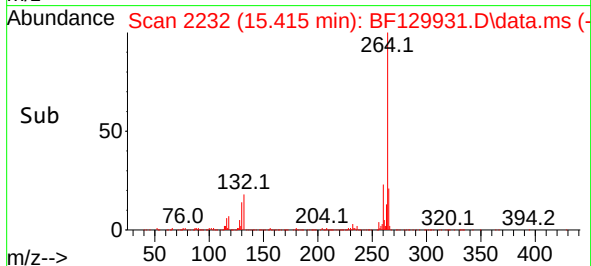
Instrument :
BNA_F
ClientSampleId :
VNJ-226



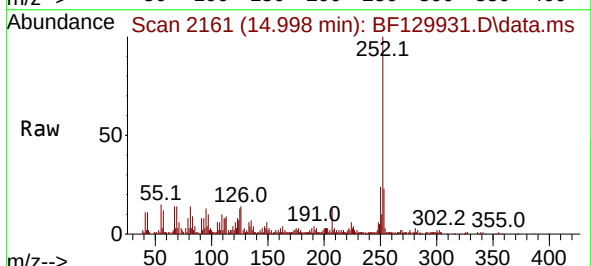
Tgt Ion:264 Resp: 26100
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 21.3 16.7 25.1

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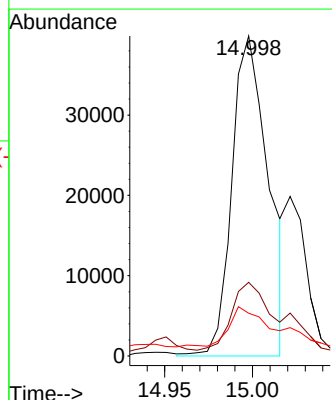
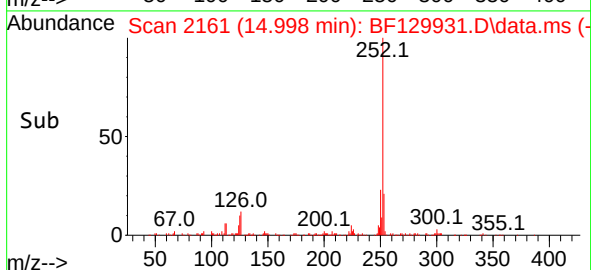
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

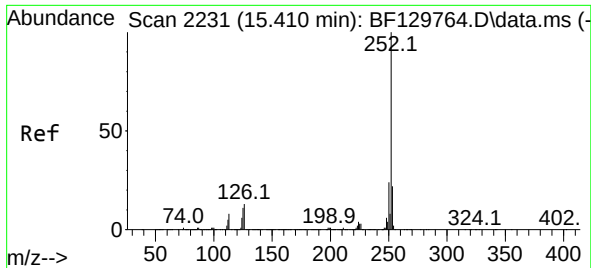


#88
Benzo(b)fluoranthene
Concen: 3.216 ng m
RT: 14.998 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF129931.D
Acq: 20 Aug 2022 02:55



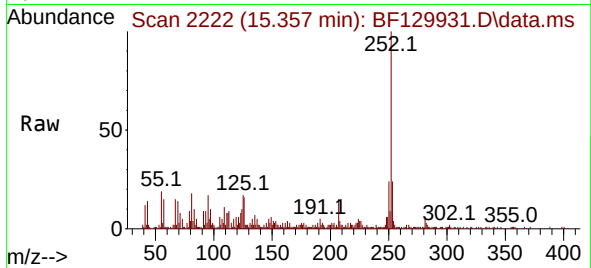
Tgt Ion:252 Resp: 57477
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.4 8.3 12.5#





#90
 Benzo(a)pyrene
 Concen: 2.415 ng
 RT: 15.357 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129931.D
 Acq: 20 Aug 2022 02:55

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226



Tgt Ion:252 Resp: 33984
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.2 25.8
 125 16.7 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

