

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129258.D
 Acq On : 16 Jul 2022 01:46
 Operator : CG\JU
 Sample : N3716-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 02:43:42 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	255295	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	928125	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	366924	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	395120	20.000	ng	# 0.03
76) Chrysene-d12	14.086	240	448160	20.000	ng	# 0.01
86) Perylene-d12	15.574	264	369462	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	81608	5.105	ng	0.00
7) Phenol-d6	6.522	99	98865	4.782	ng	0.00
23) Nitrobenzene-d5	7.457	82	57565	3.315	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	14103	4.141	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	107504	4.964	ng	0.00
79) Terphenyl-d14	13.039	244	72550	3.028	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	116971	5.831	ng	# 41
75) Fluoranthene	12.686	202	270289	13.529	ng	89
78) Pyrene	12.916	202	211482	5.826	ng	# 92
81) Benzo(a)anthracene	14.074	228	94414m	3.340	ng	
83) Chrysene	14.110	228	147157	5.454	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	132084	6.140	ng	95
87) Indeno(1,2,3-cd)pyrene	17.074	276	57874	2.512	ng	95
88) Benzo(b)fluoranthene	15.133	252	168562m	7.427	ng	
89) Benzo(k)fluoranthene	15.157	252	49074m	2.213	ng	
90) Benzo(a)pyrene	15.504	252	55767	3.018	ng	# 69
92) Benzo(g,h,i)perylene	17.539	276	53727	2.820	ng	94

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

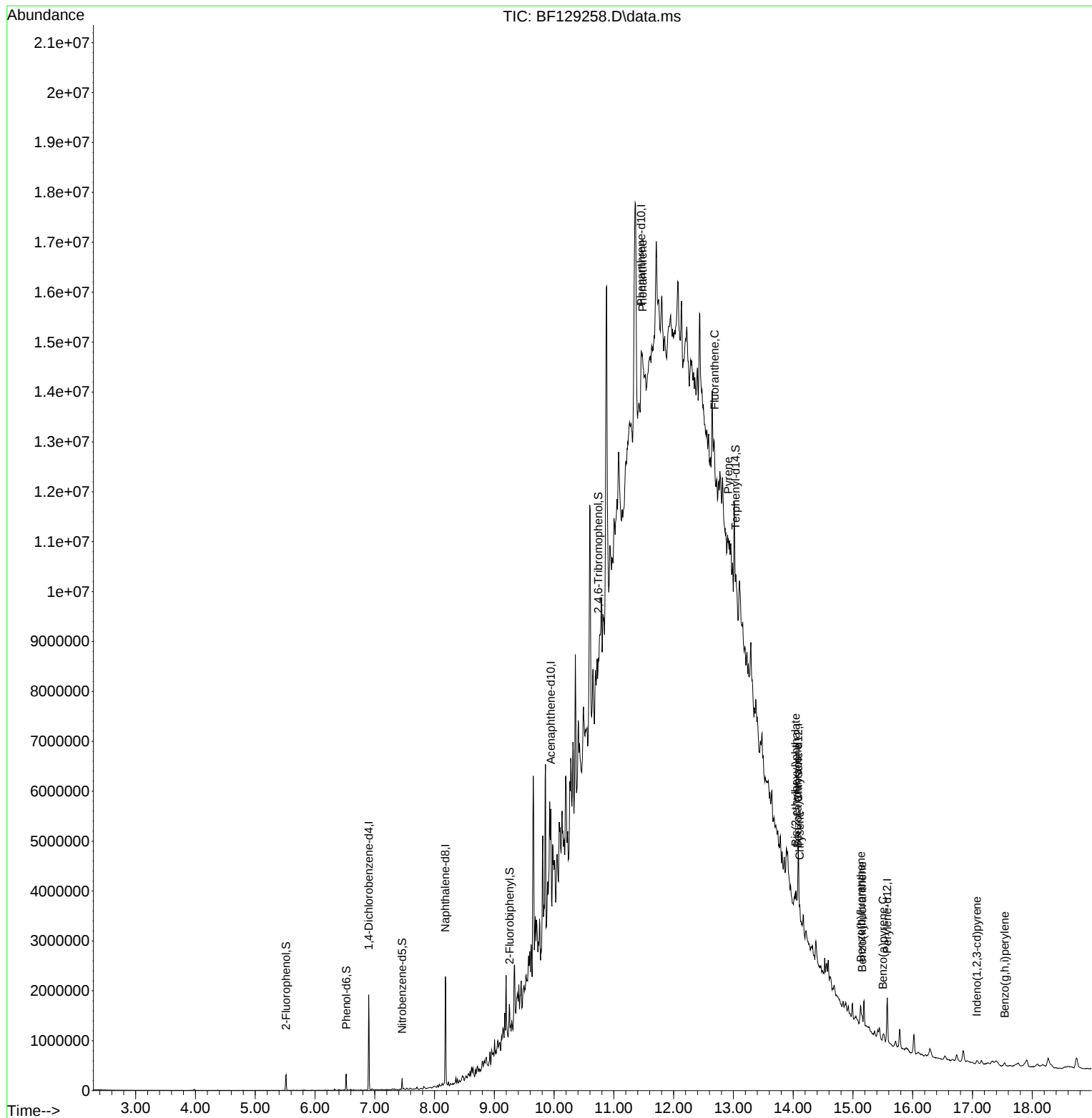
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129258.D
Acq On : 16 Jul 2022 01:46
Operator : CG\JU
Sample : N3716-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

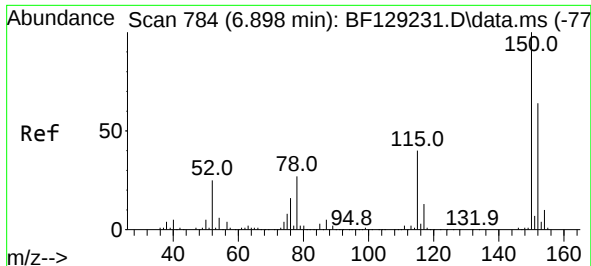
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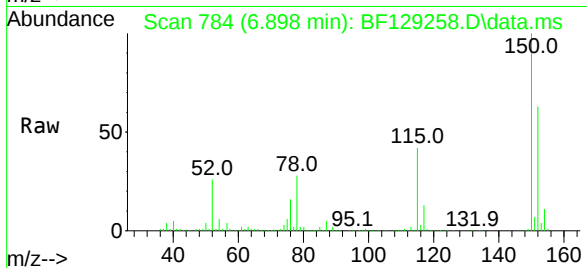
Quant Time: Jul 16 02:43:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

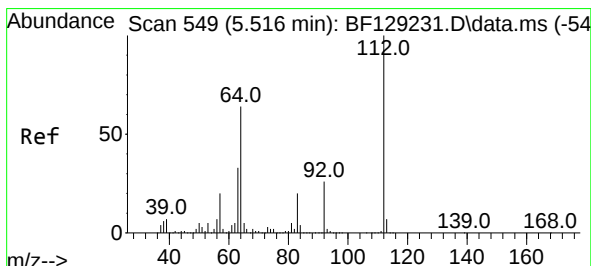
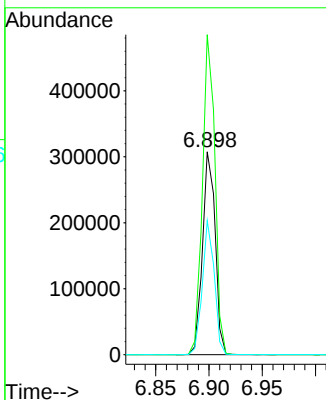
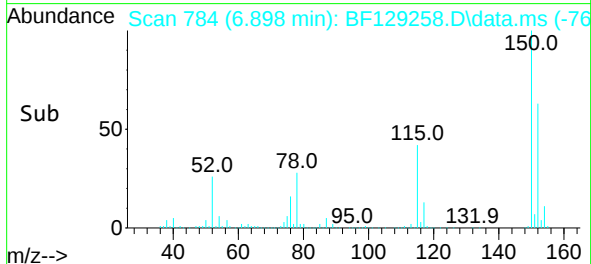
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236



Tgt Ion:152 Resp: 255298
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 66.1 49.9 74.9

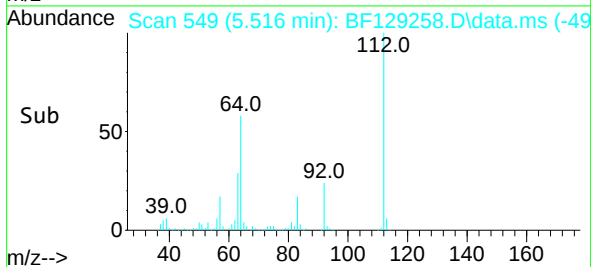
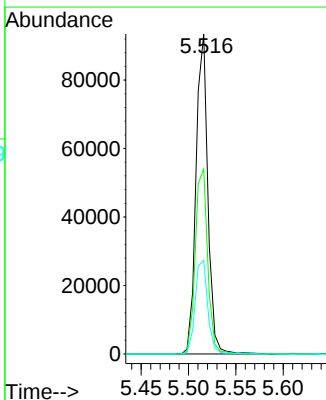
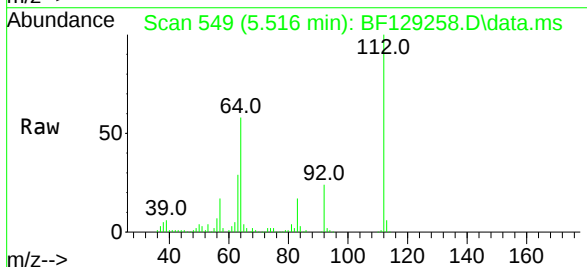
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#5
 2-Fluorophenol
 Concen: 5.105 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

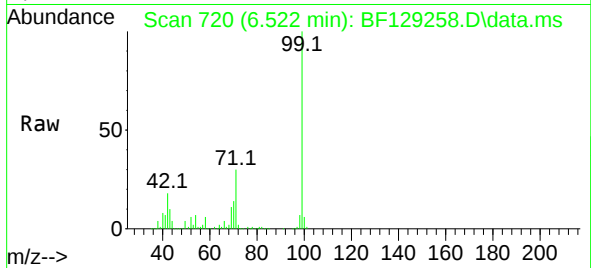
Tgt Ion:112 Resp: 81608
 Ion Ratio Lower Upper
 112 100
 64 57.8 53.3 79.9
 63 29.2 28.0 42.0





#7
Phenol-d6
Concen: 4.782 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

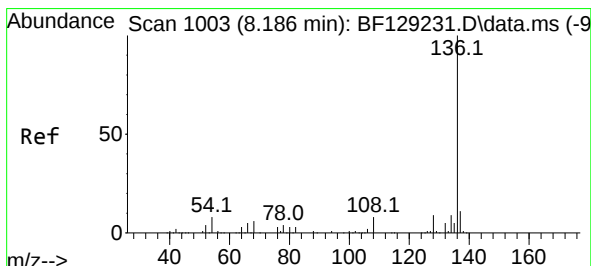
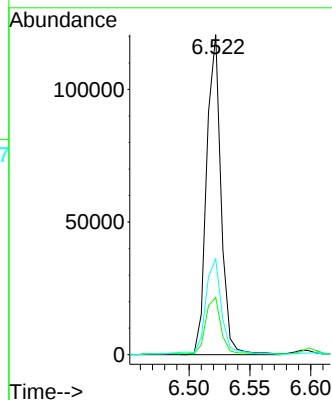
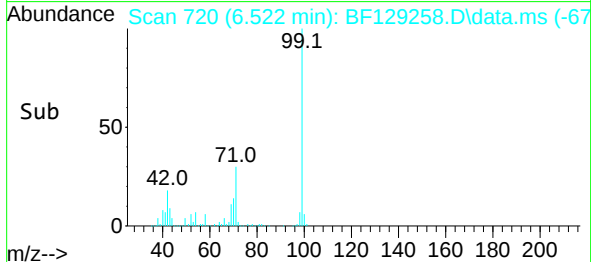
Instrument :
BNA_F
ClientSampleId :
VNJ-236



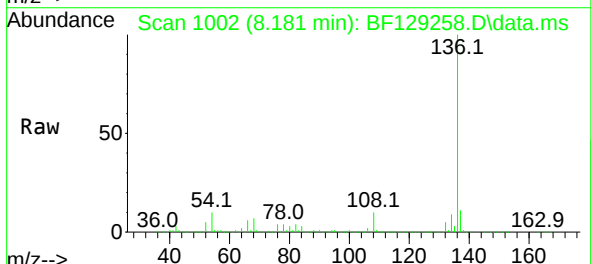
Tgt Ion: 99 Resp: 9886
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 29.9 28.9 43.3

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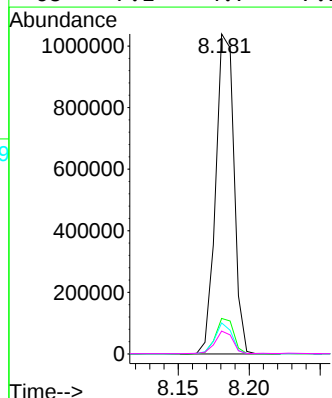
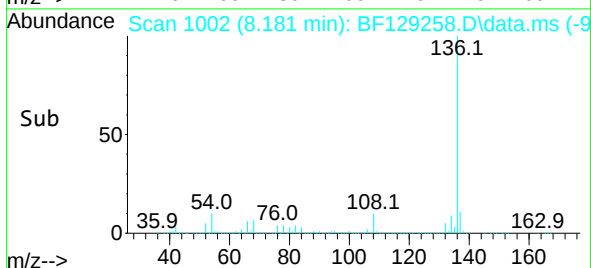
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

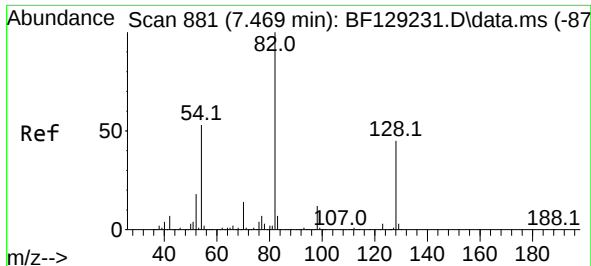


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46



Tgt Ion:136 Resp: 928125
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.5 11.3
68 7.1 4.7 7.1#





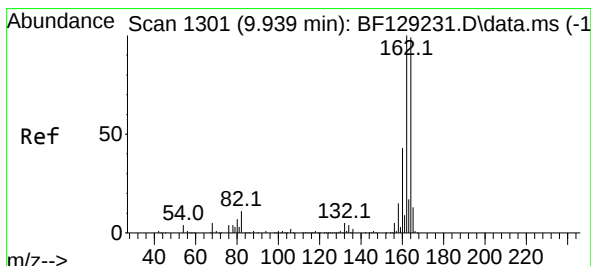
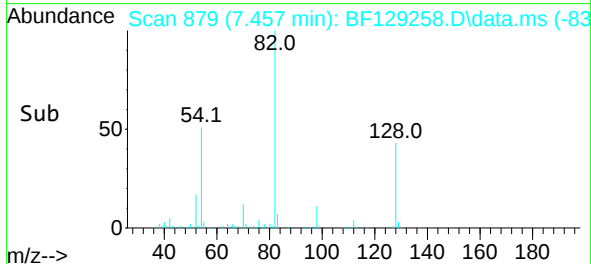
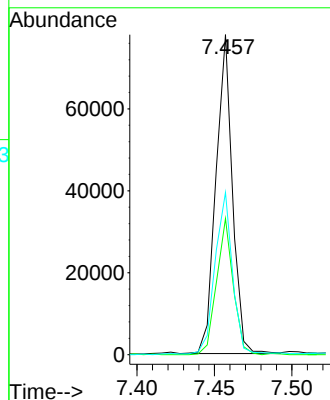
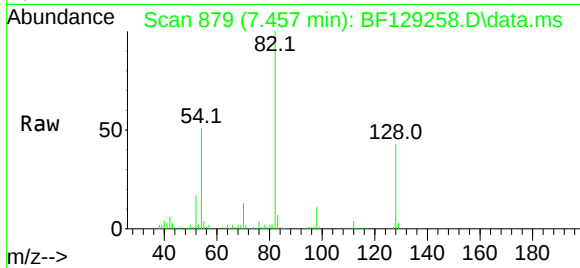
#23
Nitrobenzene-d5
Concen: 3.315 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tgt Ion: 82 Resp: 5756
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 50.7 46.9 70.3

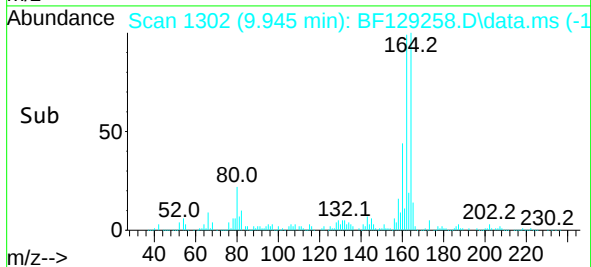
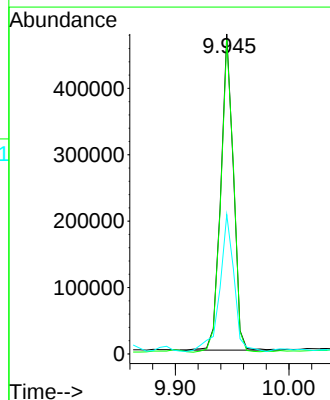
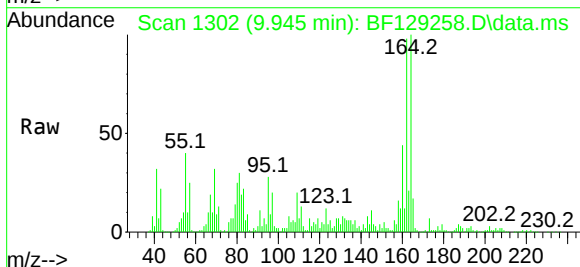
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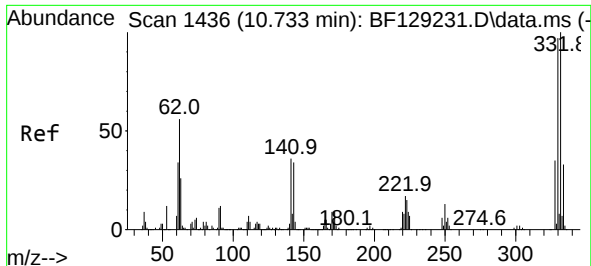
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

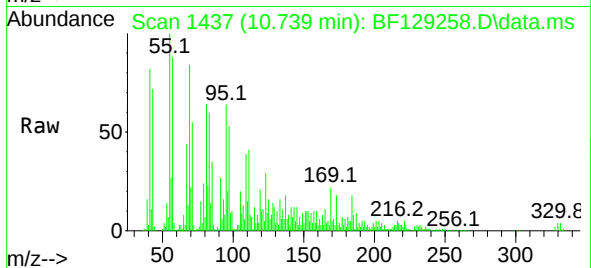
Tgt Ion:164 Resp: 366924
Ion Ratio Lower Upper
164 100
162 98.1 79.5 119.3
160 43.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 4.141 ng
RT: 10.739 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

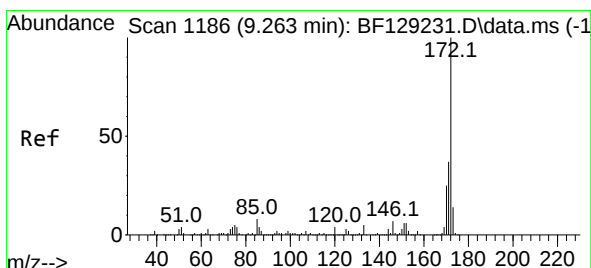
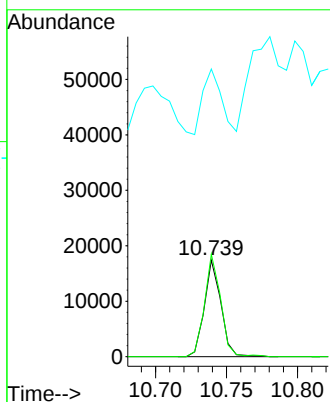
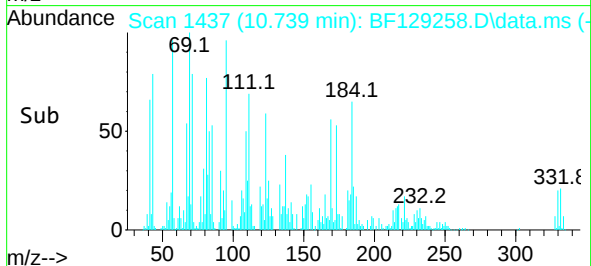
Instrument :
BNA_F
ClientSampleId :
VNJ-236



Tgt Ion: 330 Resp: 1410
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 76.5 28.0 42.0

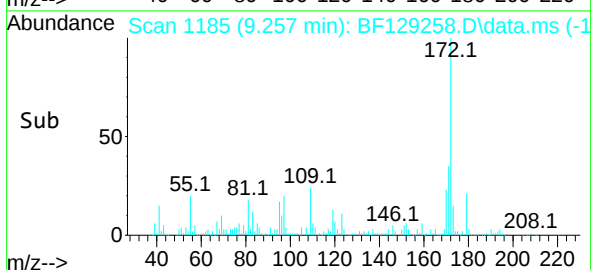
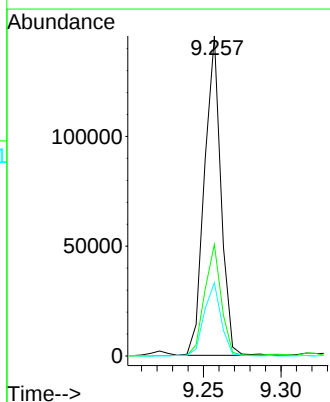
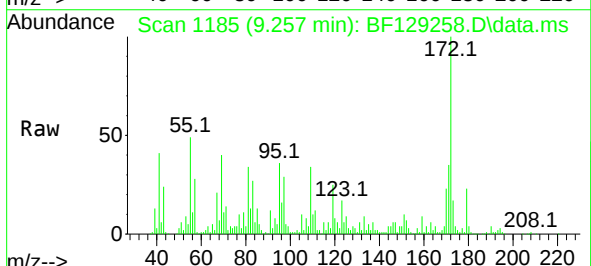
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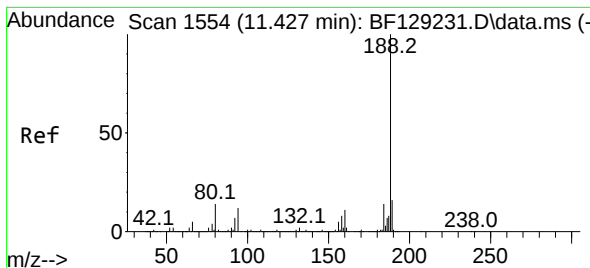
Reviewed By : Christian Giraldo 07/18/2022
Supervised By : Jagrut Upadhyay 07/18/2022



#45
2-Fluorobiphenyl
Concen: 4.964 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

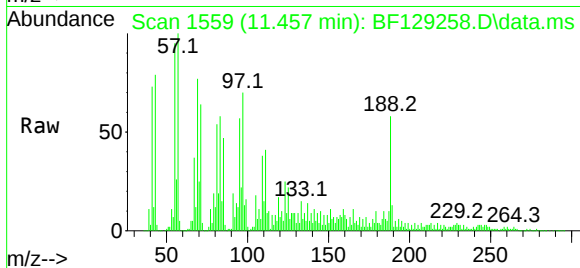
Tgt Ion: 172 Resp: 107504
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.029 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

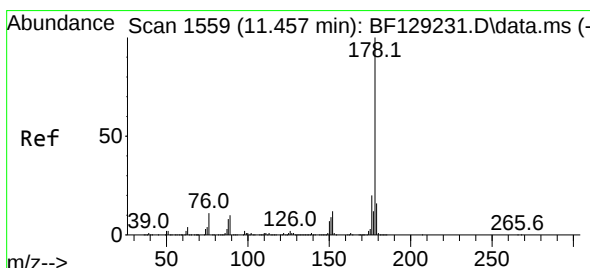
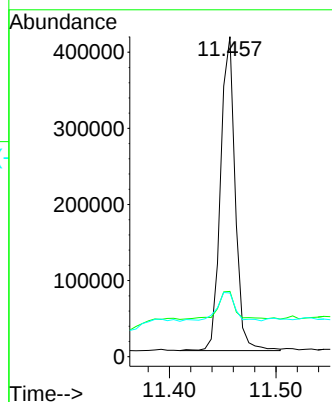
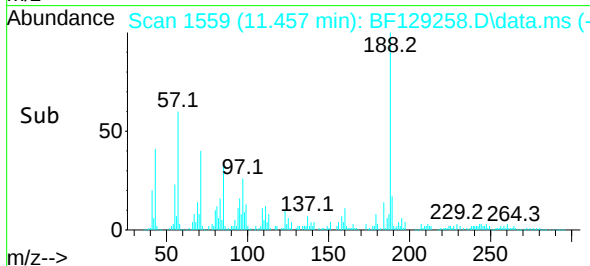
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BNA_F
ClientSampleId :
VNJ-236



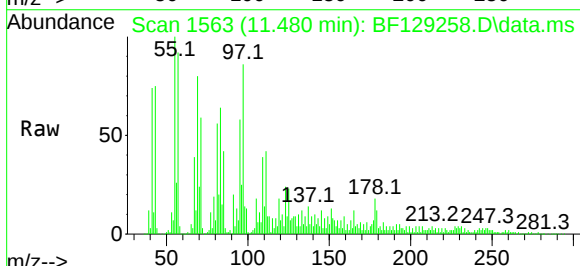
Tgt Ion:188 Resp: 395120
Ion Ratio Lower Upper
188 100
94 20.4 7.0 10.6
80 19.9 7.6 11.4

Manual Integrations
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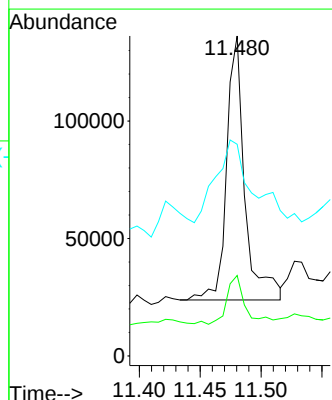
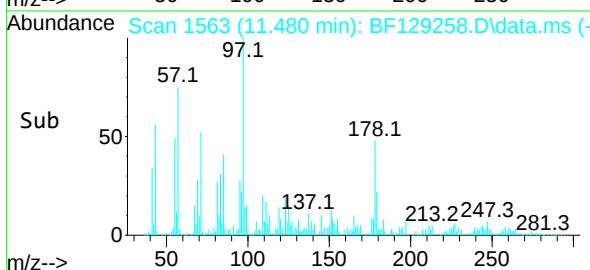
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Supervised By :Jagrut Upadhyay 07/18/2022

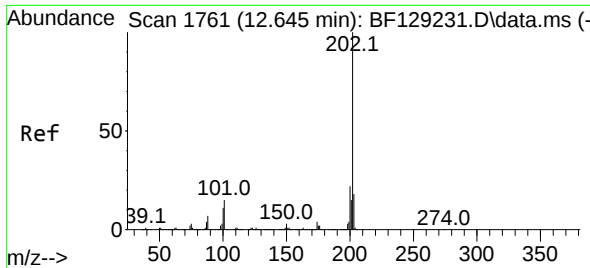


#71
Phenanthrene
Concen: 5.831 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.024 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46



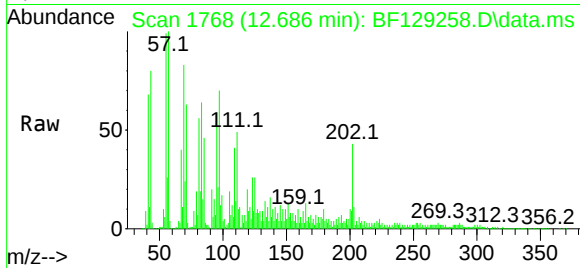
Tgt Ion:178 Resp: 116971
Ion Ratio Lower Upper
178 100
176 25.2 16.0 24.0#
179 66.2 12.6 19.0#





#75
Fluoranthene
Concen: 13.529 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.041 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

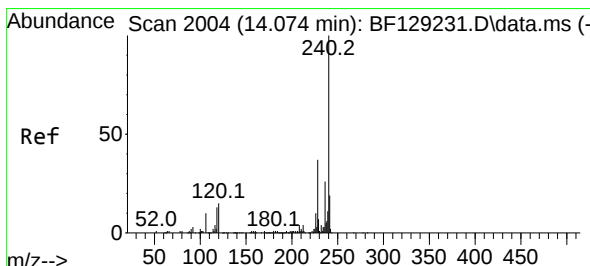
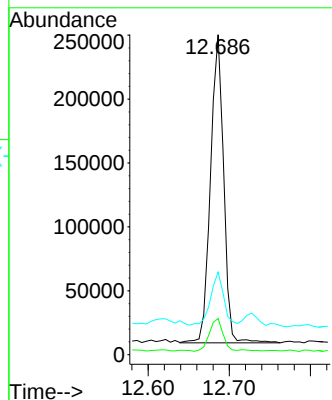
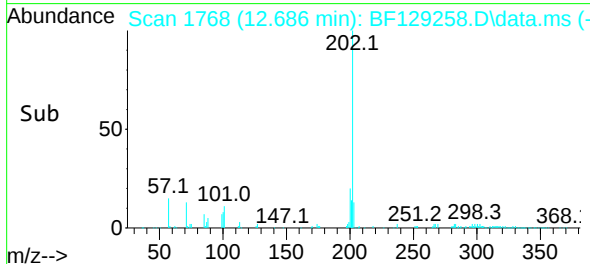
Instrument :
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VNJ-236



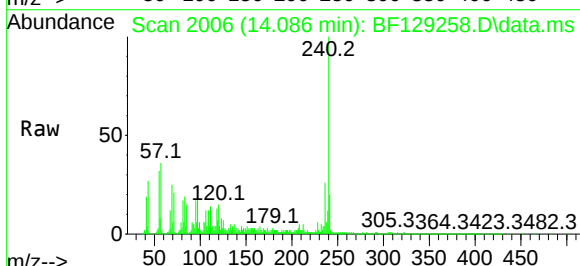
Tgt Ion:202 Resp: 270289
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 25.8 0.0 38.0

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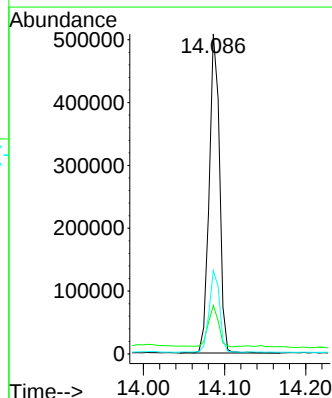
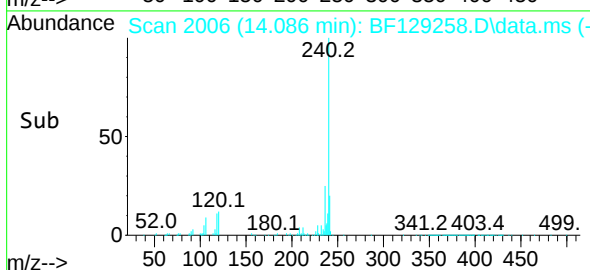
Reviewed By :Christian Giraldo 07/18/2022
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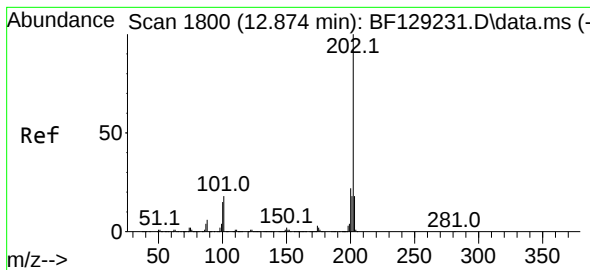


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46



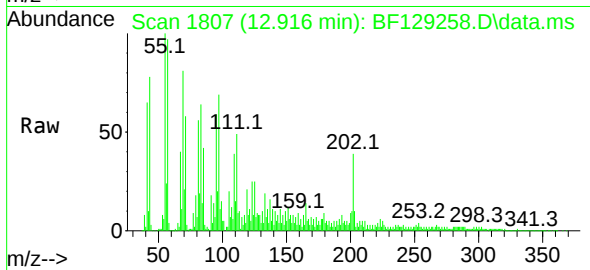
Tgt Ion:240 Resp: 448160
Ion Ratio Lower Upper
240 100
120 15.1 8.9 13.3#
236 26.0 20.8 31.2





#78
Pyrene
Concen: 5.826 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.041 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

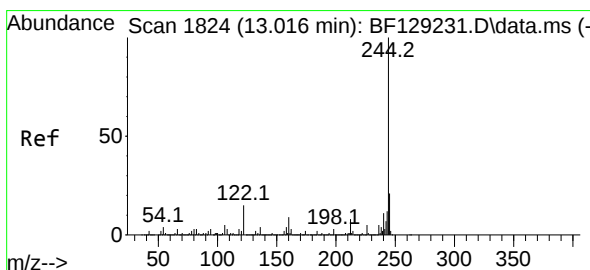
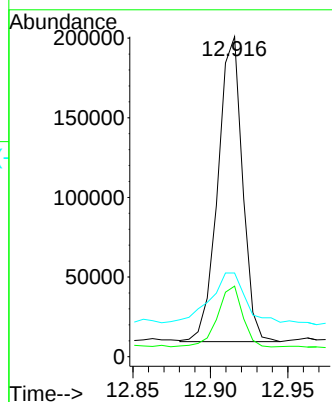
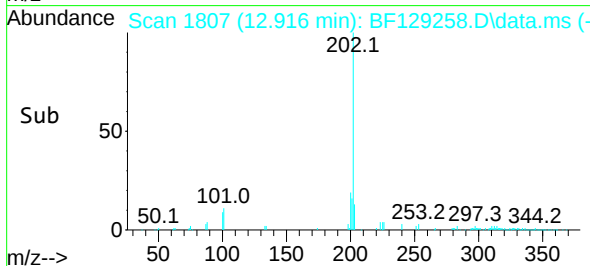
Instrument :
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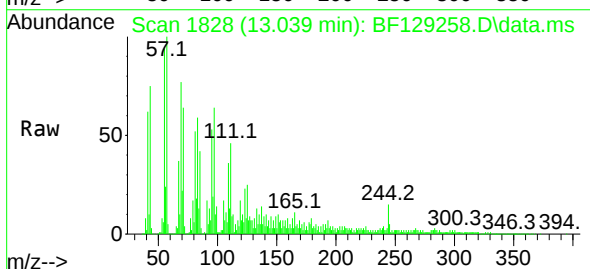
Tgt Ion:202 Resp: 21148
Ion Ratio Lower Upper
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200 22.1 17.7 26.5
203 26.2 14.6 21.8

Manual Integrations
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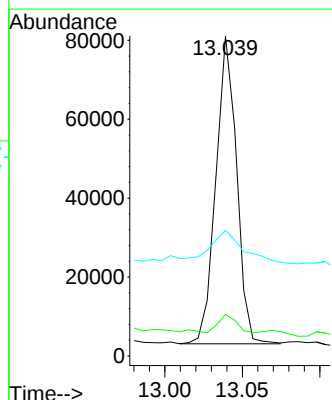
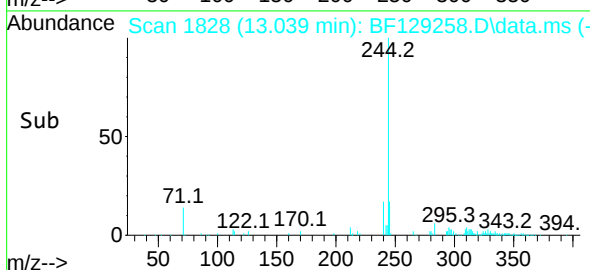
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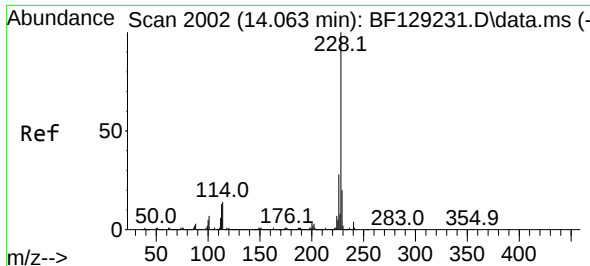


#79
Terphenyl-d14
Concen: 3.028 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.024 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46



Tgt Ion:244 Resp: 72550
Ion Ratio Lower Upper
244 100
212 13.0 6.1 9.1#
122 39.2 8.8 13.2#





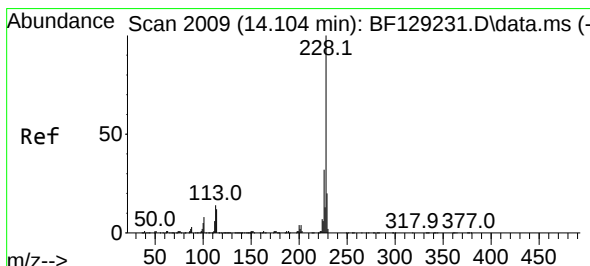
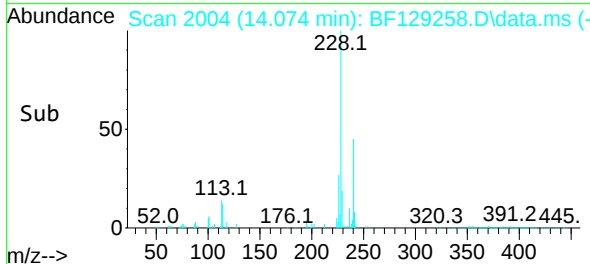
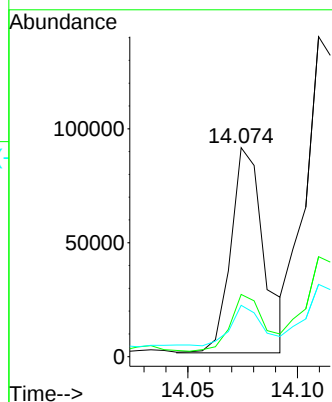
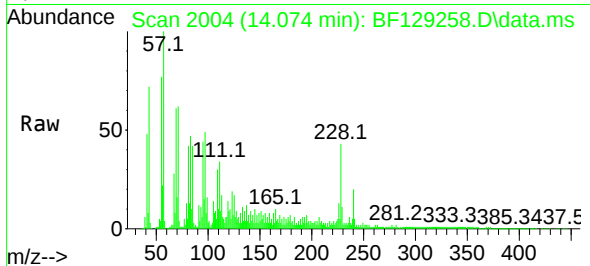
#81
Benzo(a)anthracene
Concen: 3.340 ng m
RT: 14.074 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tgt Ion:228 Resp: 94414
Ion Ratio Lower Upper
228 100
226 29.8 22.1 33.1
229 24.6 15.8 23.8

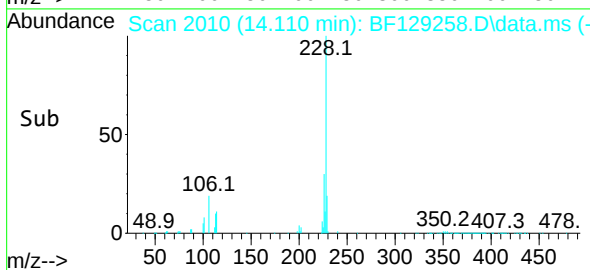
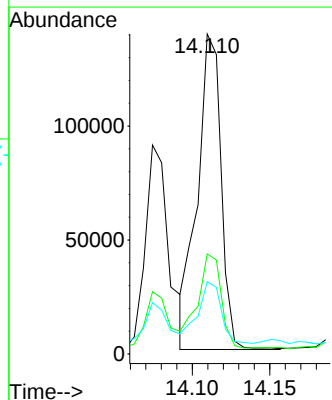
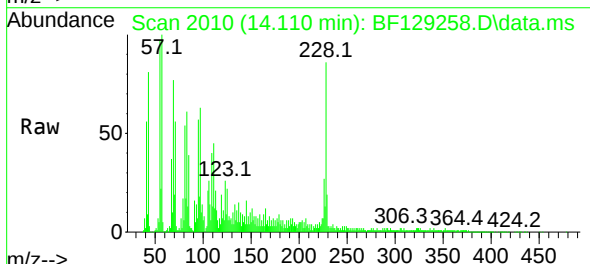
Manual Integrations
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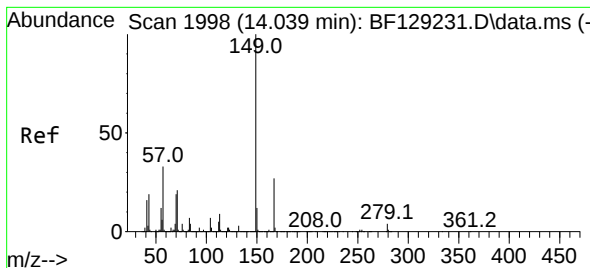
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#83
Chrysene
Concen: 5.454 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

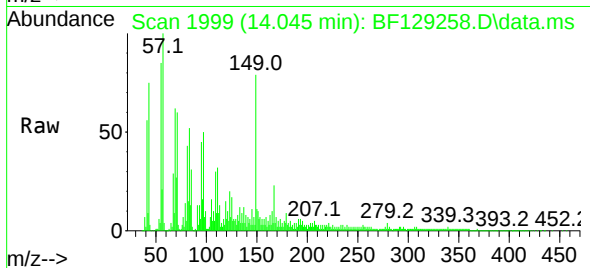
Tgt Ion:228 Resp: 147157
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 22.6 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.140 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

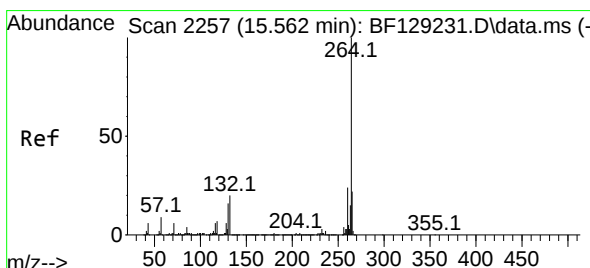
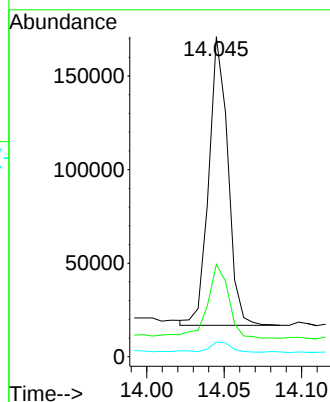
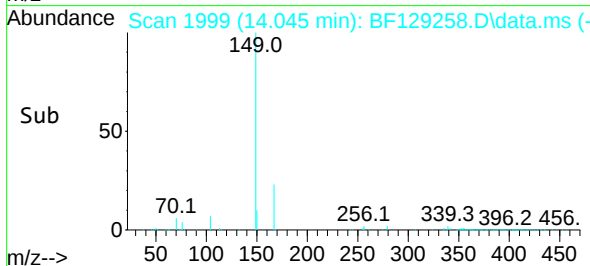
Instrument :
BNA_F
ClientSampleId :
VNJ-236



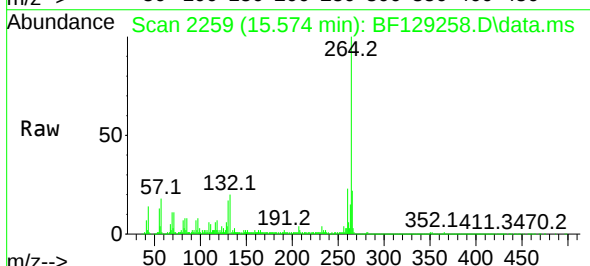
Tgt Ion:149 Resp: 132084
Ion Ratio Lower Upper
149 100
167 28.8 21.0 31.4
279 4.6 3.1 4.7

Manual Integrations
APPROVED

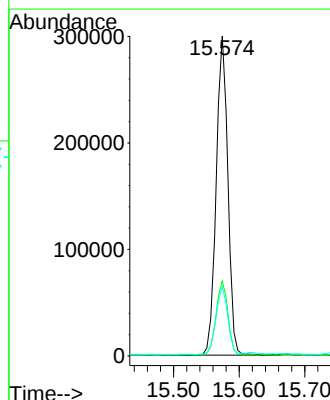
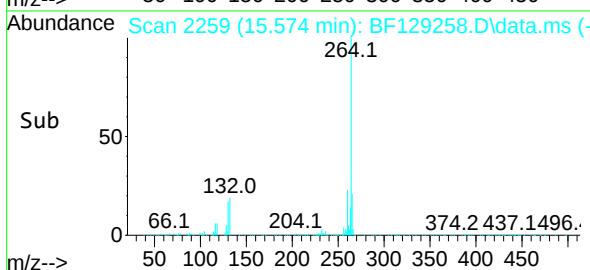
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

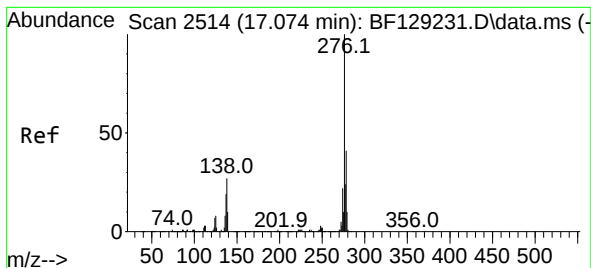


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. 0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46



Tgt Ion:264 Resp: 369462
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.512 ng

RT: 17.074 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

Tgt Ion:276 Resp: 57874

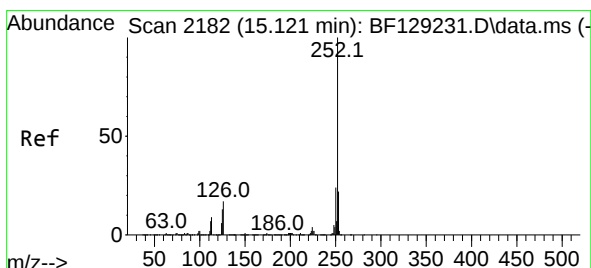
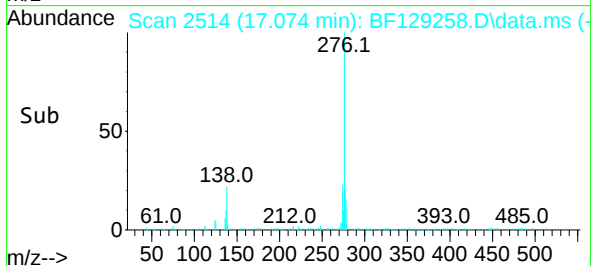
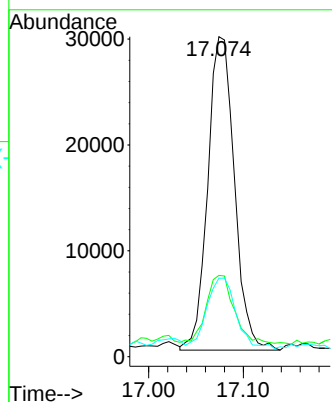
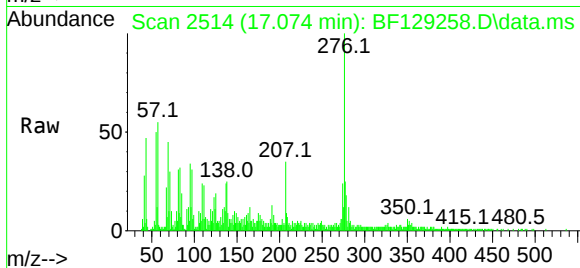
Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.1	31.7
277	24.7	20.3	30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#88

Benzo(b)fluoranthene

Concen: 7.427 ng m

RT: 15.133 min Scan# 2184

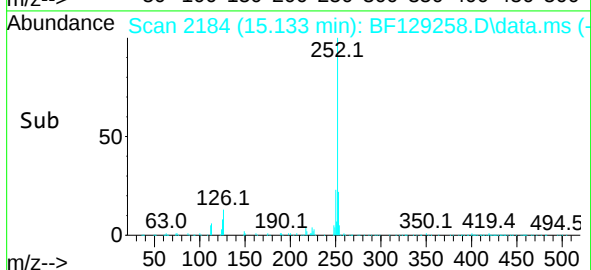
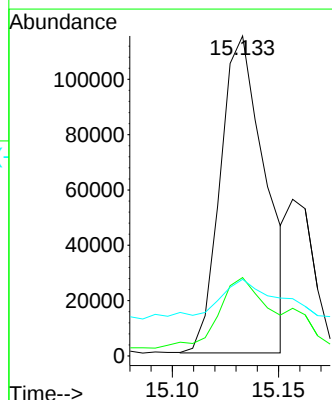
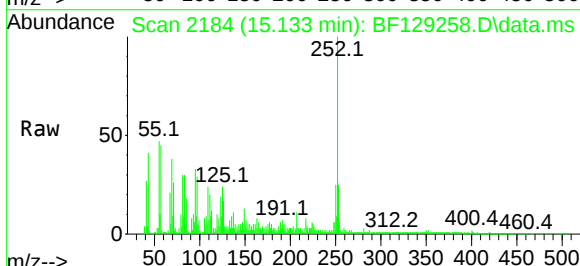
Delta R.T. 0.012 min

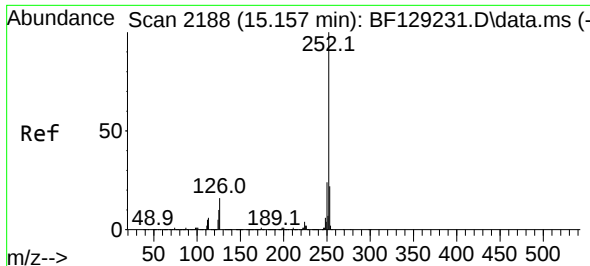
Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Tgt Ion:252 Resp: 168562

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	24.0	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.213 ng m

RT: 15.157 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNF

ClientSampleId :

VNJ-236

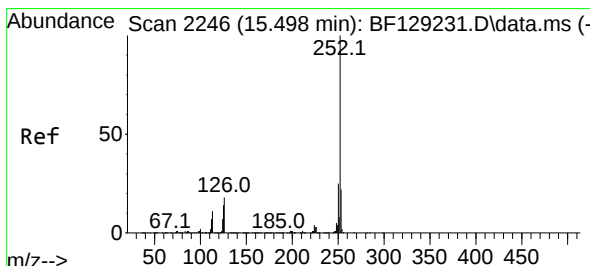
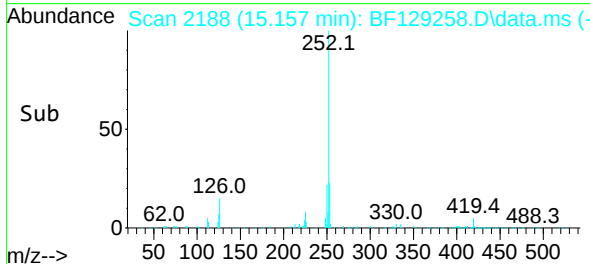
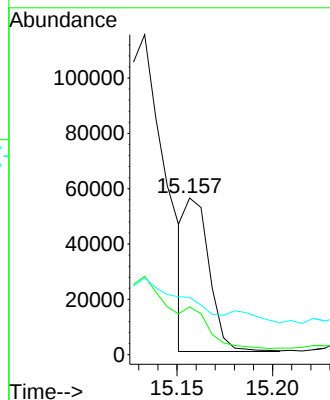
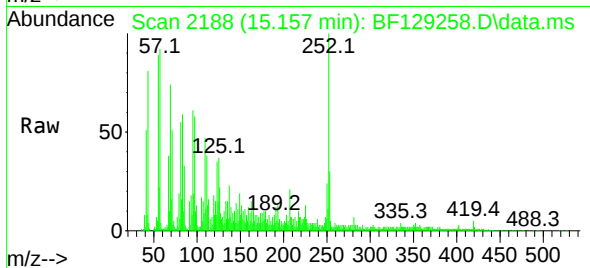
Tgt Ion:252 Resp: 49074
 Ion Ratio Lower Upper
 252 100
 253 30.4 17.8 26.6#
 125 36.5 8.3 12.5#

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 3.018 ng

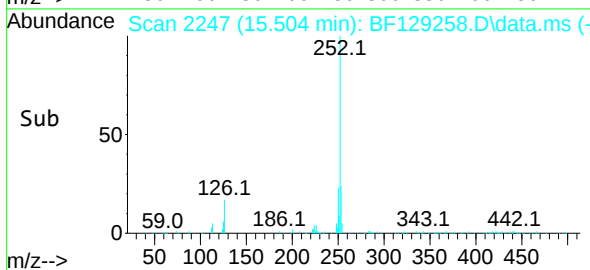
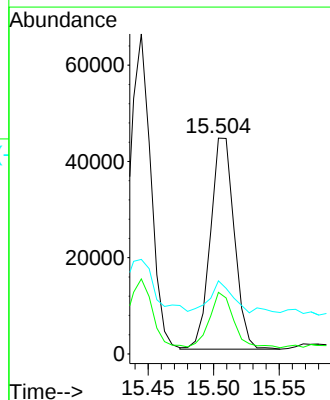
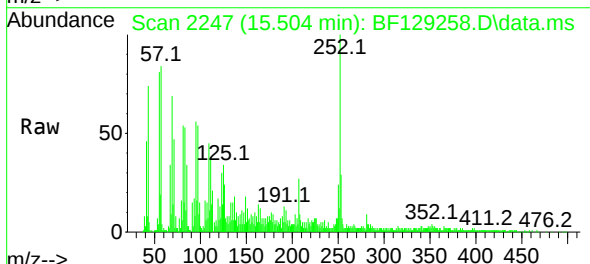
RT: 15.504 min Scan# 2247

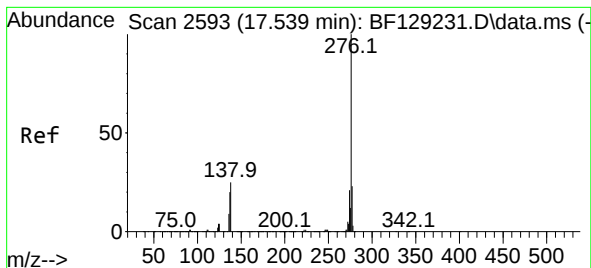
Delta R.T. 0.006 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Tgt Ion:252 Resp: 55767
 Ion Ratio Lower Upper
 252 100
 253 28.6 17.0 25.6#
 125 33.9 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.820 ng

RT: 17.539 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129258.D

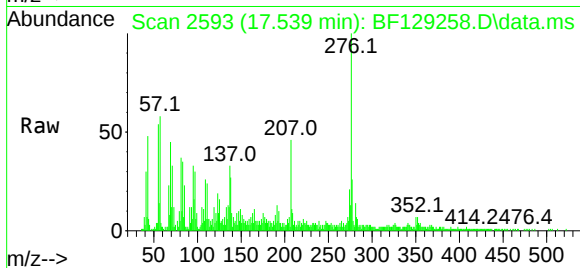
Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236



Tgt Ion:	276	Resp:	5372
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.1	28.7
138	26.6	18.0	27.0

Manual Integrations

APPROVED

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

