

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132271.D
 Acq On : 01 Feb 2023 21:07
 Operator : CG\JU
 Sample : 01357-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-205

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/02/2023

Quant Time: Feb 02 00:57:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	173213	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	655773	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	315201	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	481425	20.000	ng	0.00
76) Chrysene-d12	14.277	240	317246	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	278723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1034396	95.991	ng	0.00
7) Phenol-d6	6.678	99	1256486	94.577	ng	0.00
23) Nitrobenzene-d5	7.631	82	777178	65.949	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	298902	92.214	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1281579	62.788	ng	0.00
79) Terphenyl-d14	13.213	244	1013873	61.821	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.842	202	69492	2.707	ng	98
78) Pyrene	13.072	202	74642	2.925	ng	99
88) Benzo(b)fluoranthene	15.383	252	43258m	2.442	ng	

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

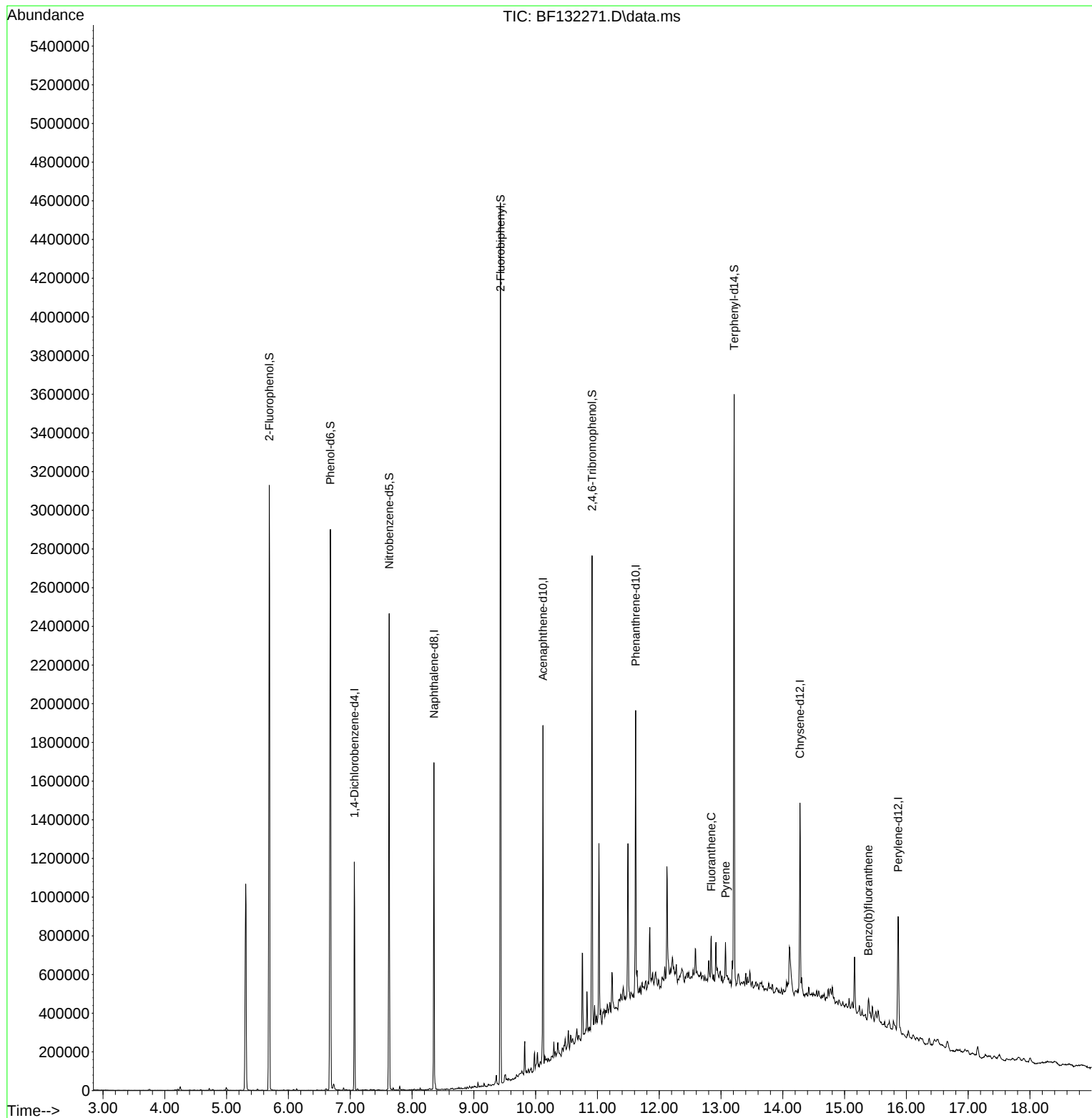
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132271.D
Acq On : 01 Feb 2023 21:07
Operator : CG\JU
Sample : 01357-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

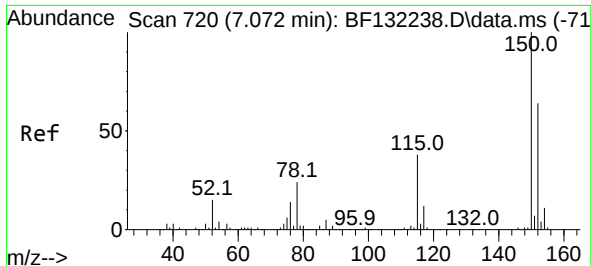
Instrument :
BNA_F
ClientSampleId :
VNJ-205

Quant Time: Feb 02 00:57:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Manual Integrations
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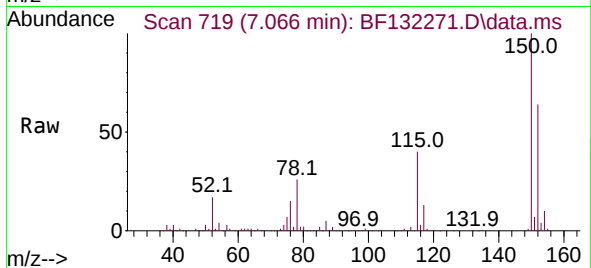
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

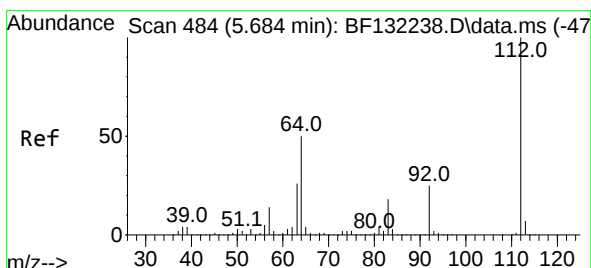
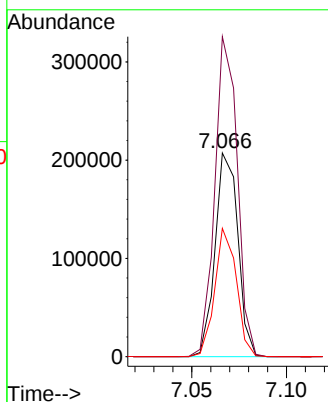
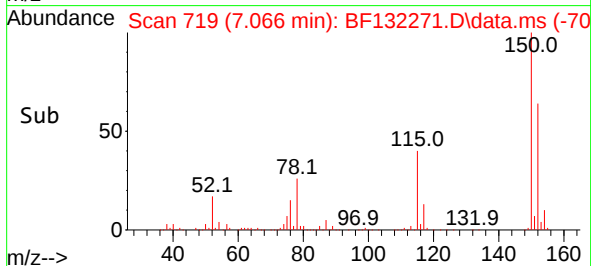
Instrument :
BNA_F
ClientSampleId :
VNJ-205



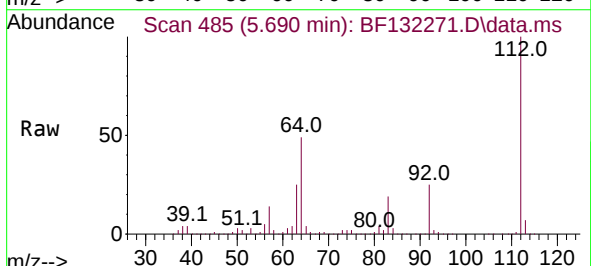
Tgt Ion:152 Resp: 173213
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 63.0 47.3 70.9

Manual Integrations
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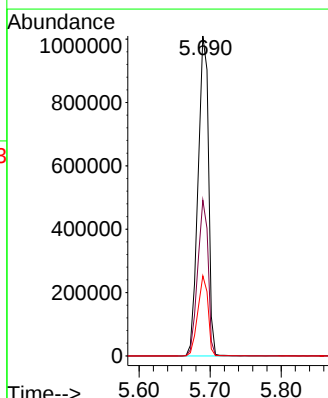
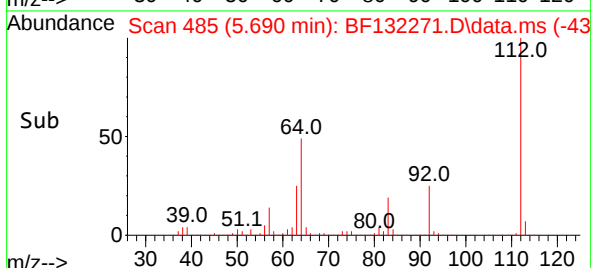
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

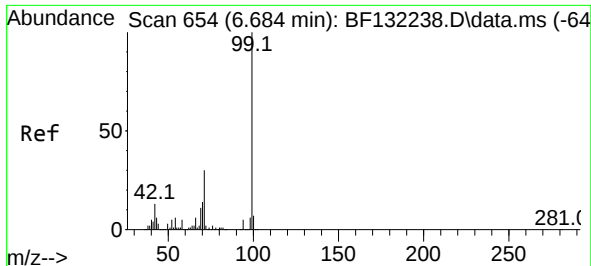


#5
2-Fluorophenol
Concen: 95.991 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07



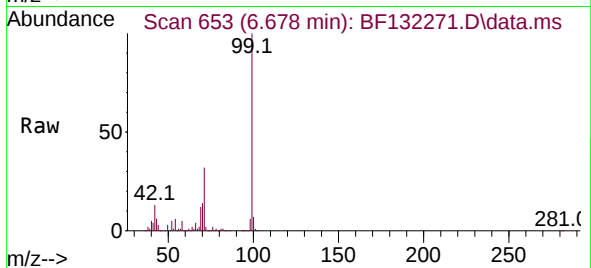
Tgt Ion:112 Resp: 1034396
Ion Ratio Lower Upper
112 100
64 48.7 40.0 60.0
63 25.0 20.5 30.7





#7
Phenol-d6
Concen: 94.577 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

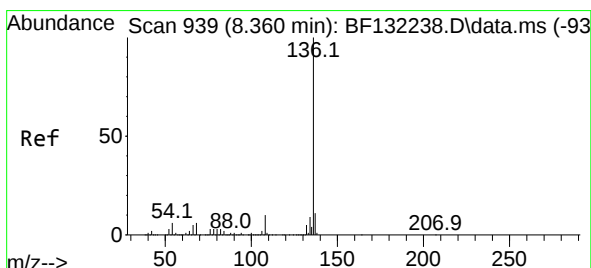
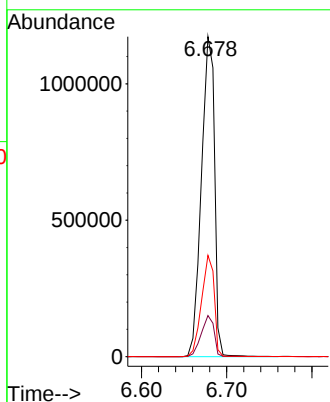
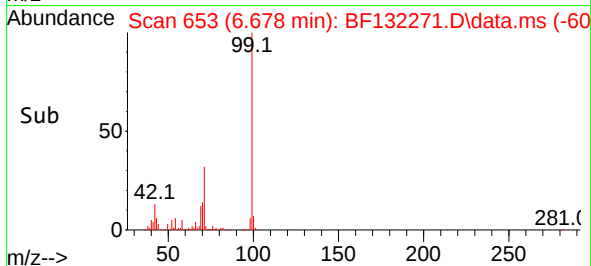
Instrument :
BNA_F
ClientSampleId :
VNJ-205



Tgt Ion: 99 Resp: 1256486
Ion Ratio Lower Upper
99 100
42 12.8 10.1 15.1
71 31.7 24.2 36.4

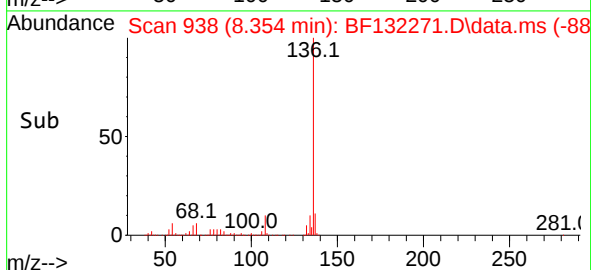
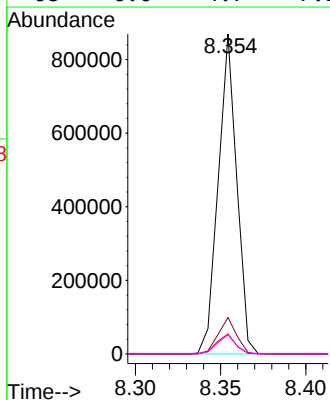
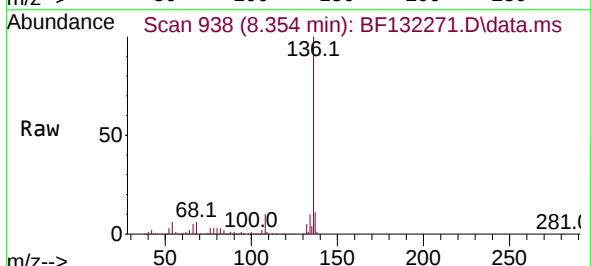
Manual Integrations
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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

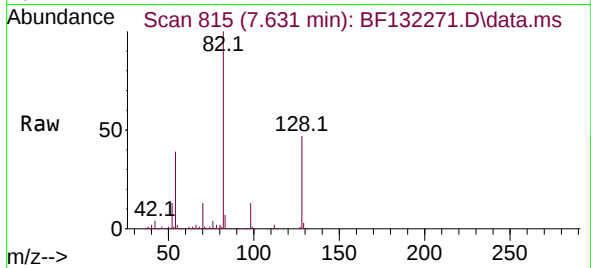
Tgt Ion:136 Resp: 655773
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.2 4.9 7.3
68 6.0 4.7 7.1





#23
Nitrobenzene-d5
Concen: 65.949 ng
RT: 7.631 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

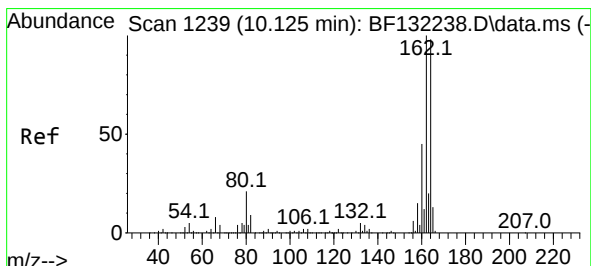
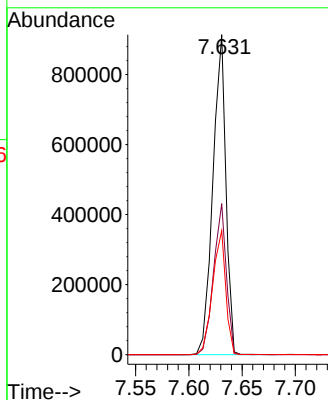
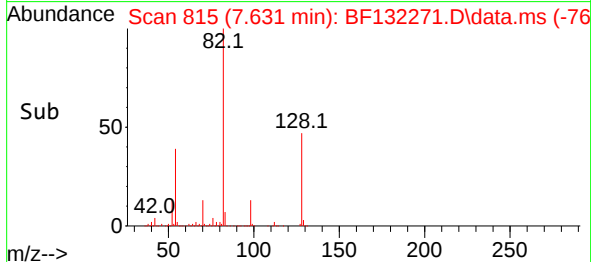
Instrument :
BNA_F
ClientSampleId :
VNJ-205



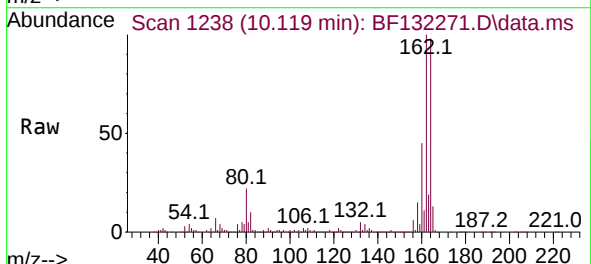
Tgt Ion: 82 Resp: 777178
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 38.7 31.5 47.3

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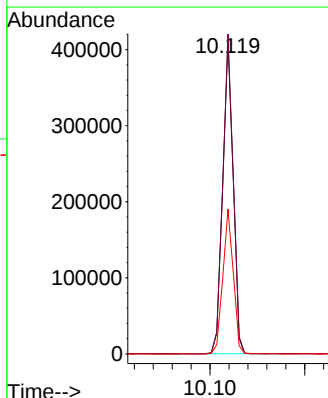
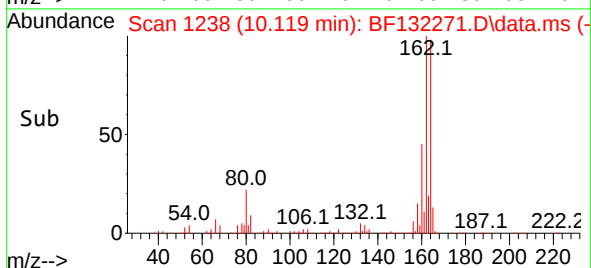
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

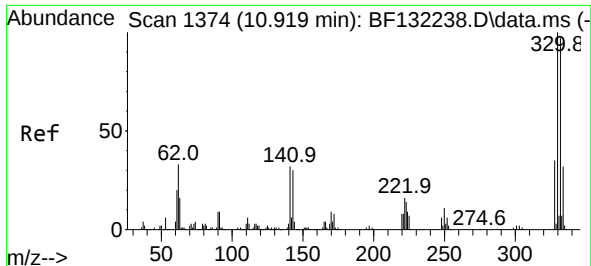


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07



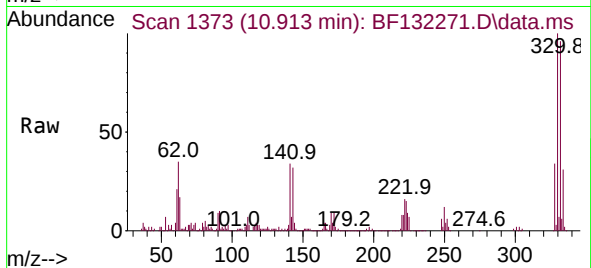
Tgt Ion:164 Resp: 315201
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 46.2 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 92.214 ng
RT: 10.913 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

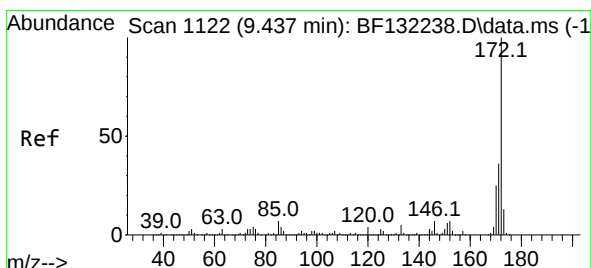
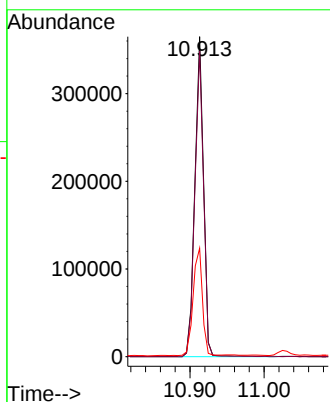
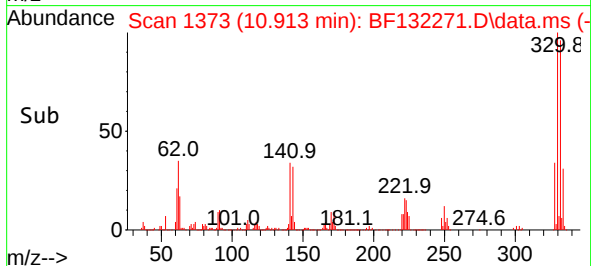
Instrument :
BNA_F
ClientSampleId :
VNJ-205



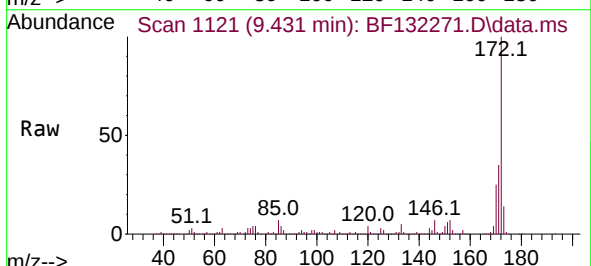
Tgt Ion: 330 Resp: 298902
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 35.7 31.0 46.4

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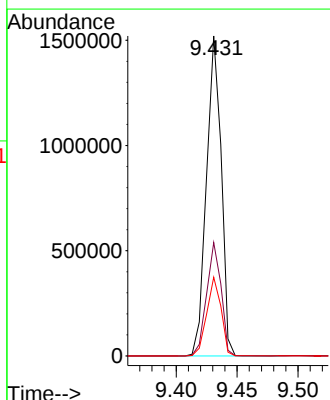
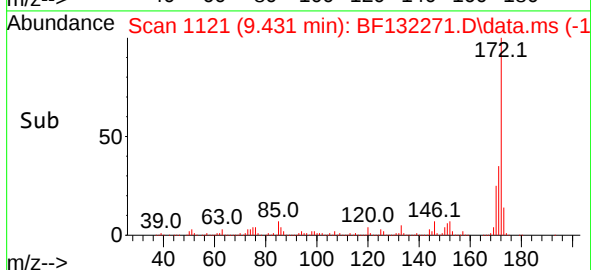
Reviewed By : Christian Giraldo 02/02/2023
Supervised By : Jagrut Upadhyay 02/02/2023

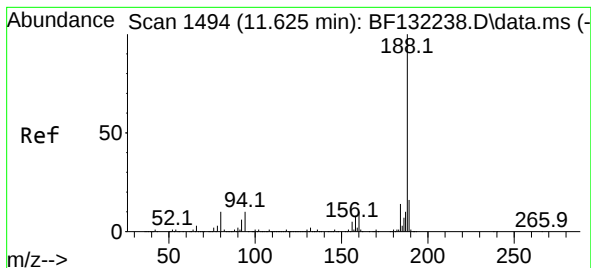


#45
2-Fluorobiphenyl
Concen: 62.788 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07



Tgt Ion: 172 Resp: 1281579
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.6 19.7 29.5





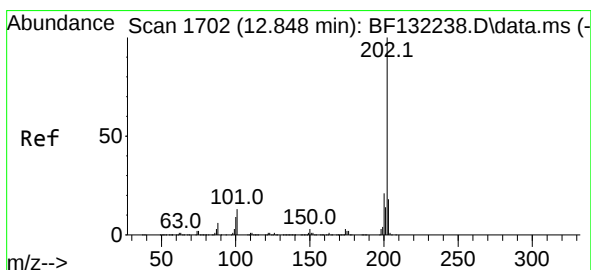
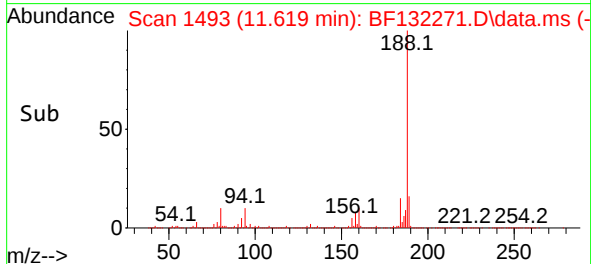
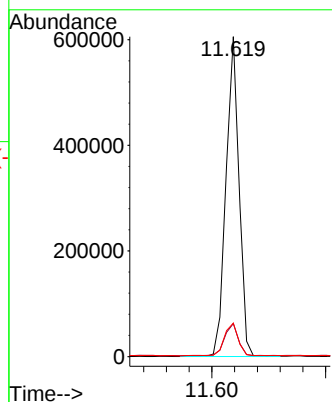
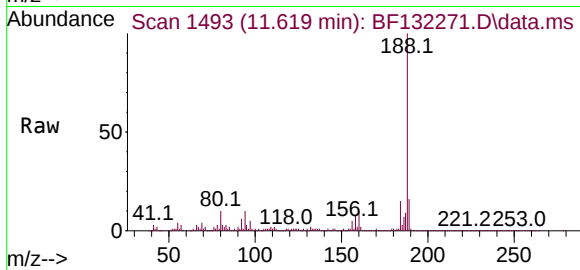
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Instrument :
BNA_F
ClientSampleId :
VNJ-205

Tgt Ion:188 Resp: 481425
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.5 8.3 12.5

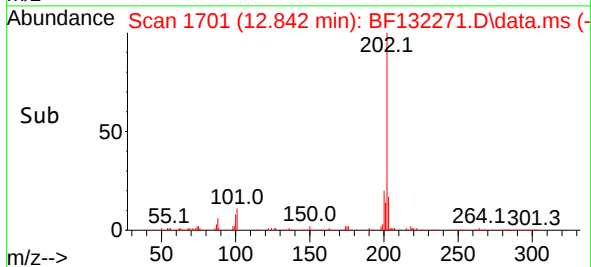
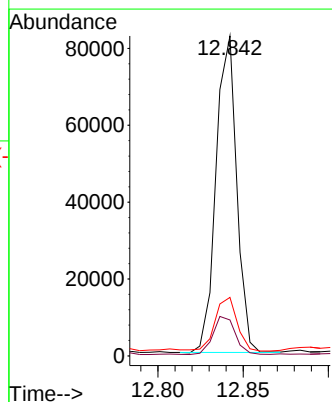
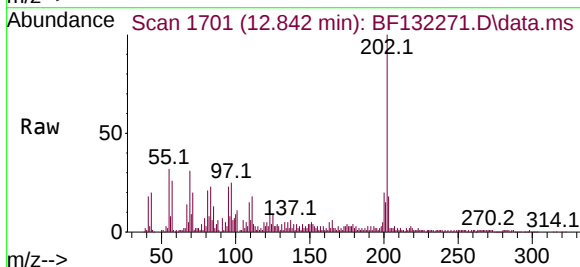
Manual Integrations
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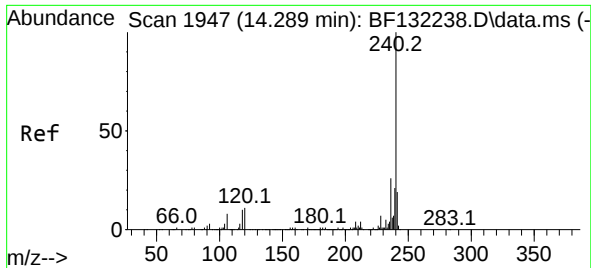
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#75
Fluoranthene
Concen: 2.707 ng
RT: 12.842 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion:202 Resp: 69492
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 18.3 0.0 37.9





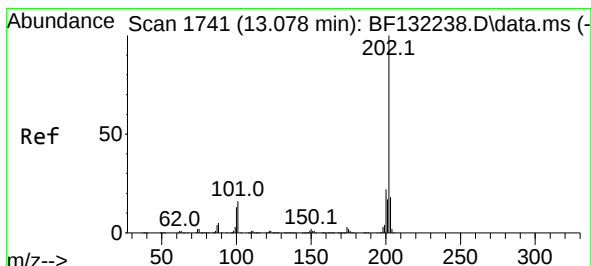
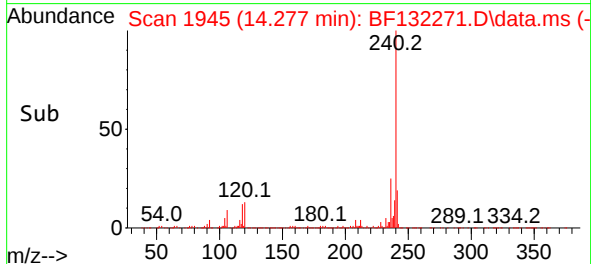
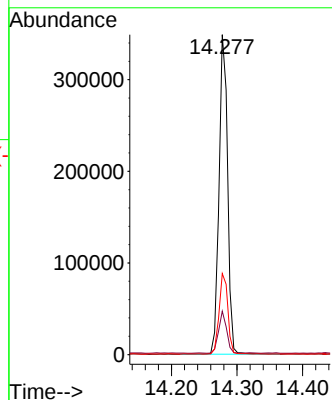
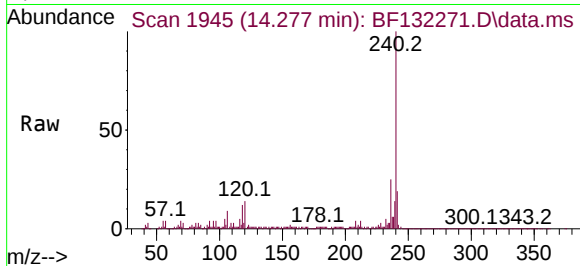
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Instrument :
BNA_F
ClientSampleId :
VNJ-205

Tgt Ion:240 Resp: 317246
Ion Ratio Lower Upper
240 100
120 13.6 8.8 13.2
236 25.3 21.0 31.6

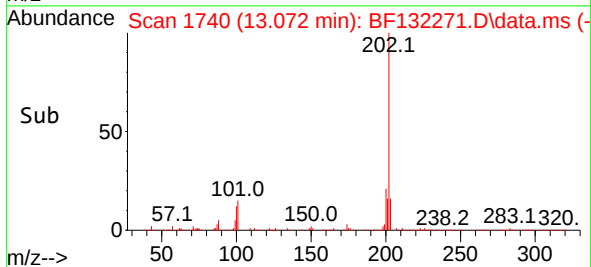
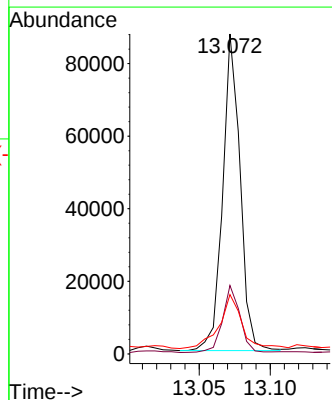
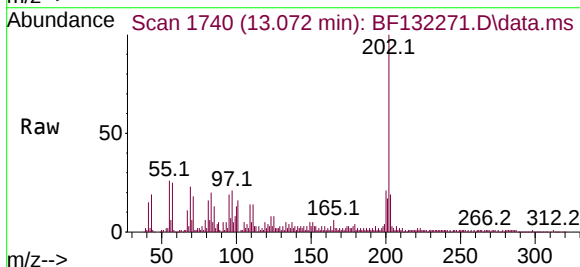
Manual Integrations
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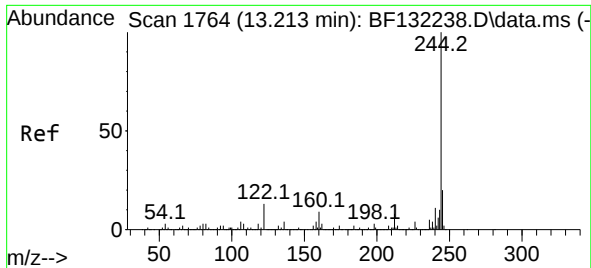
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#78
Pyrene
Concen: 2.925 ng
RT: 13.072 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

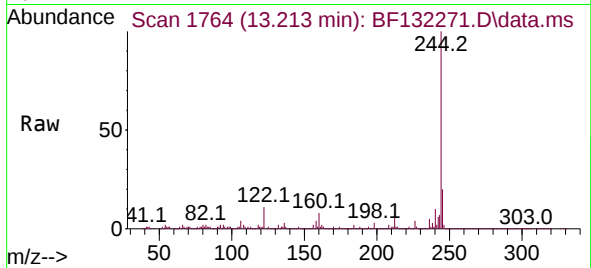
Tgt Ion:202 Resp: 74642
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.5 14.4 21.6





#79
 Terphenyl-d14
 Concen: 61.821 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132271.D
 Acq: 01 Feb 2023 21:07

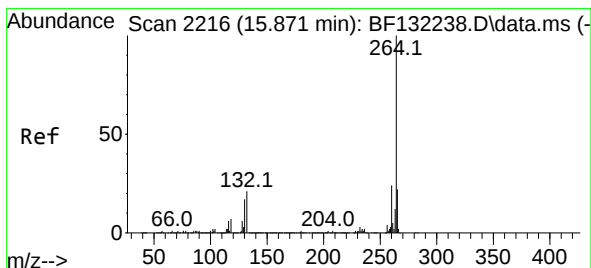
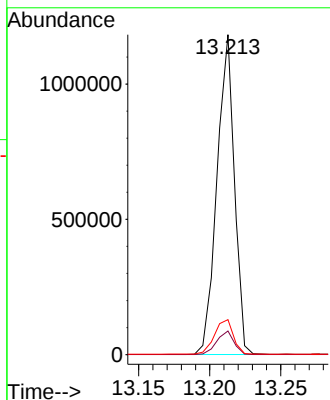
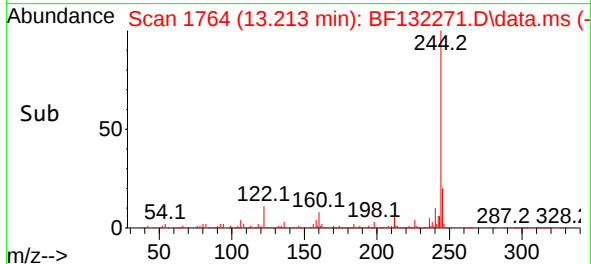
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-205



Tgt Ion:244 Resp: 1013873
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.9 10.5 15.7

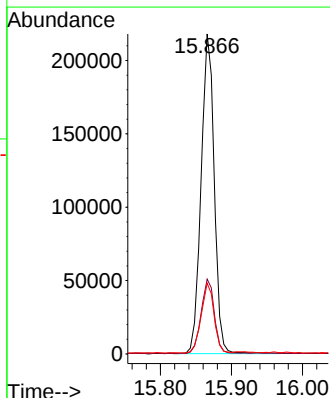
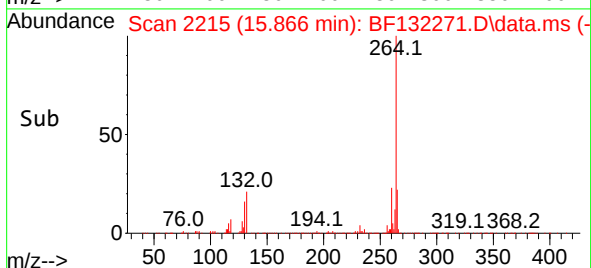
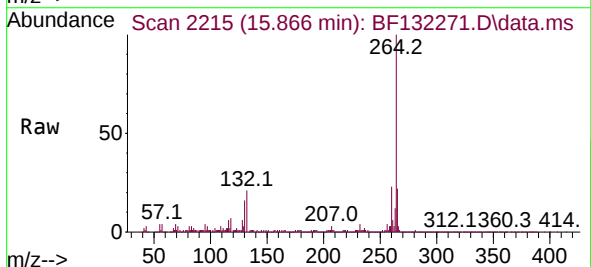
Manual Integrations
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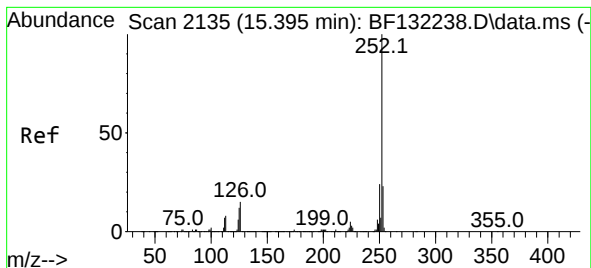
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.866 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132271.D
 Acq: 01 Feb 2023 21:07

Tgt Ion:264 Resp: 278723
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.1 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.442 ng m

RT: 15.383 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

Instrument :

BNA_F

ClientSampleId :

VNJ-205

Tgt Ion:252 Resp: 43258

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 22.7 9.6 14.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/02/2023

