

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133229.D
 Acq On : 04 May 2023 14:15
 Operator : CG\JU
 Sample : 02588-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-3-6-05022023

Quant Time: May 04 15:29:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208746	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	845980	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	433032	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	737099	20.000	ng	0.00
76) Chrysene-d12	13.874	240	361934	20.000	ng	-0.01
86) Perylene-d12	15.292	264	440998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1088064	78.739	ng	0.00
7) Phenol-d6	6.363	99	1377841	80.332	ng	-0.01
23) Nitrobenzene-d5	7.292	82	854171	54.499	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	241901	55.546	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1411838	54.546	ng	0.00
79) Terphenyl-d14	12.827	244	1187061	56.565	ng	0.00
Target Compounds						
75) Fluoranthene	12.451	202	118376	2.977	ng	93
78) Pyrene	12.680	202	98590	3.178	ng	100
88) Benzo(b)fluoranthene	14.886	252	61498m	2.192	ng	

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

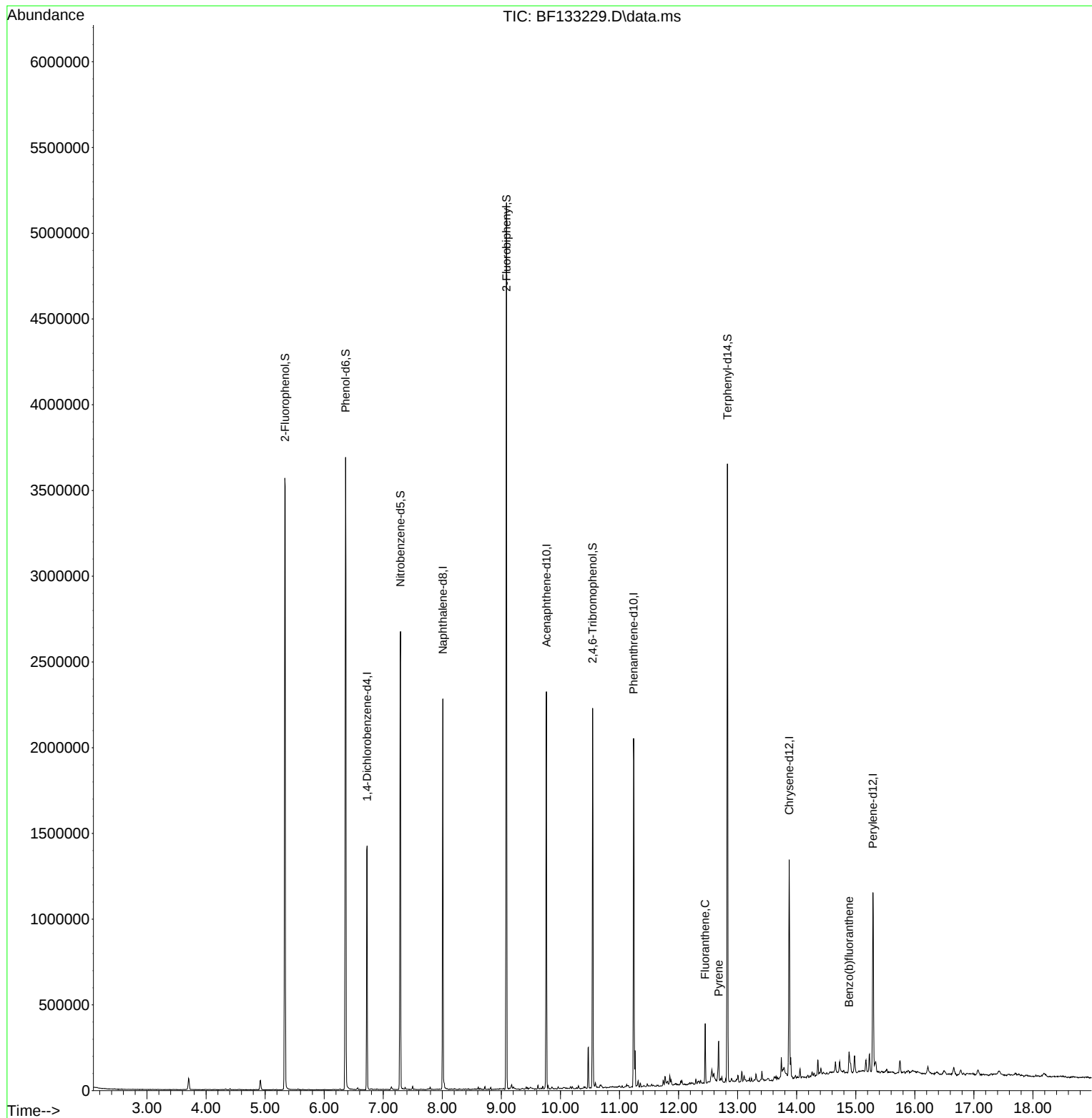
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133229.D
Acq On : 04 May 2023 14:15
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Sample : 02588-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

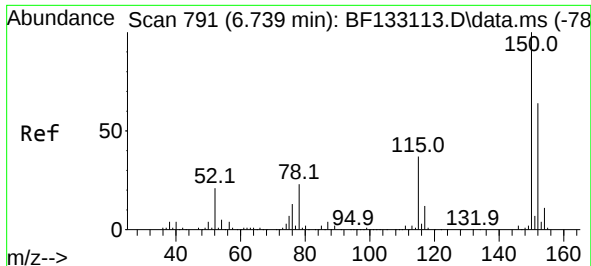
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

Quant Time: May 04 15:29:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

Manual Integrations
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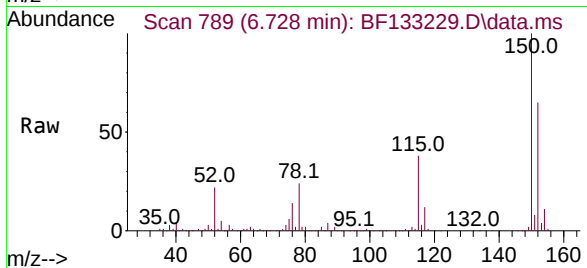
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

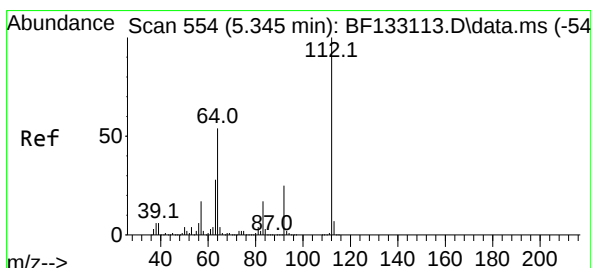
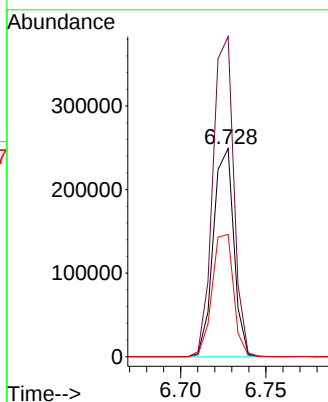
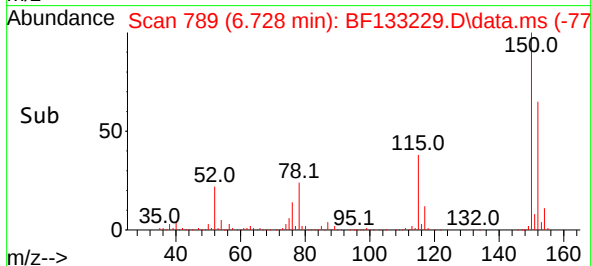
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion:152 Resp: 208740
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 58.7 49.9 74.9

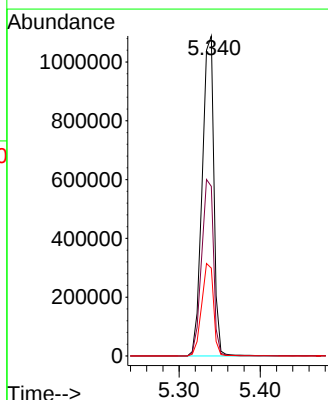
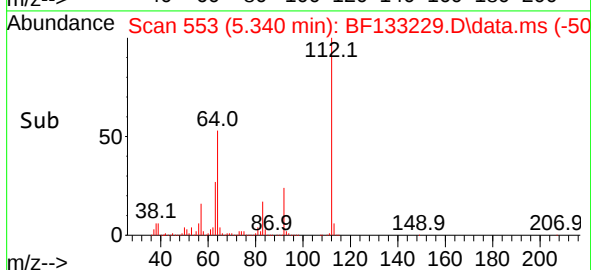
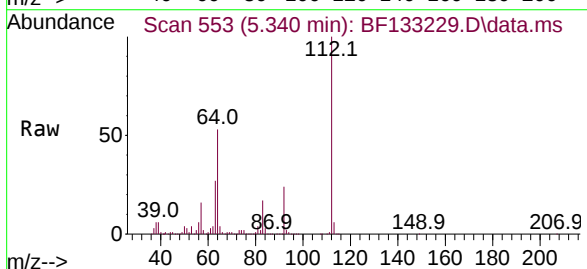
Manual Integrations
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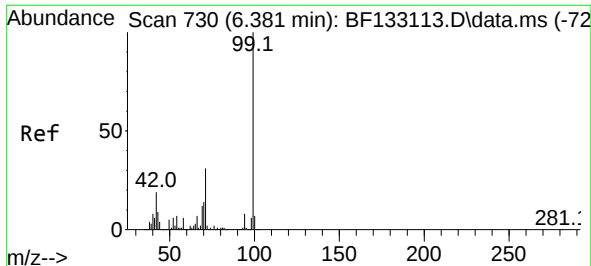
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#5
2-Fluorophenol
Concen: 78.739 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

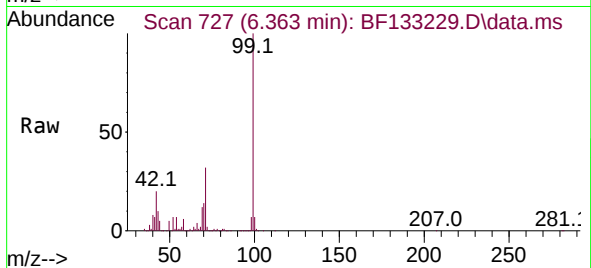
Tgt Ion:112 Resp: 1088064
Ion Ratio Lower Upper
112 100
64 53.0 46.8 70.2
63 27.4 23.8 35.8





#7
Phenol-d6
Concen: 80.332 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

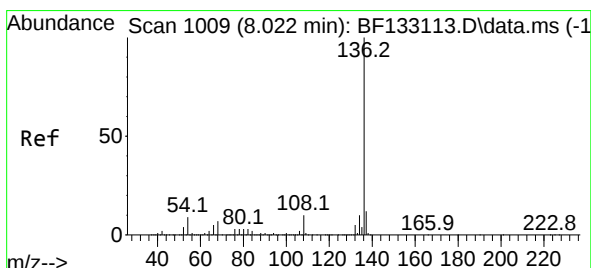
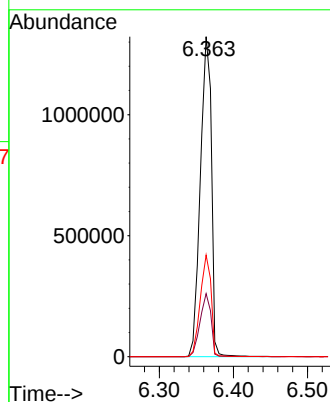
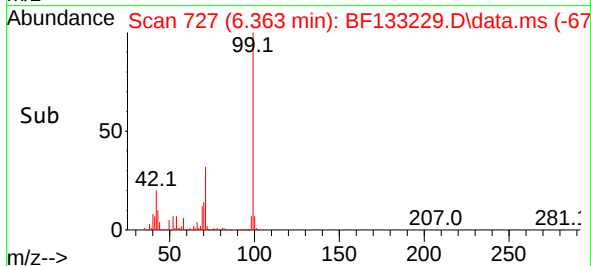
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion: 99 Resp: 137784
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.8 25.6 38.4

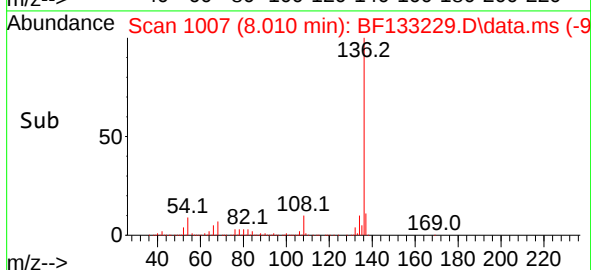
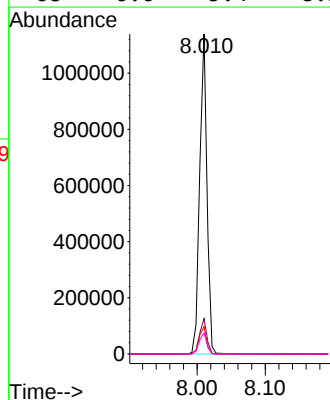
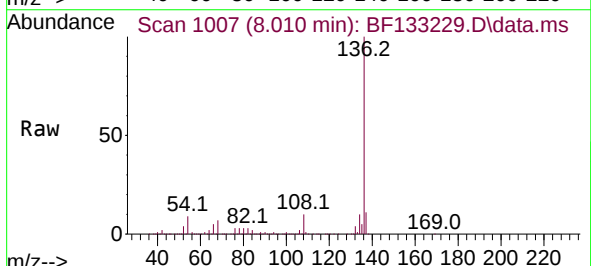
Manual Integrations
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Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

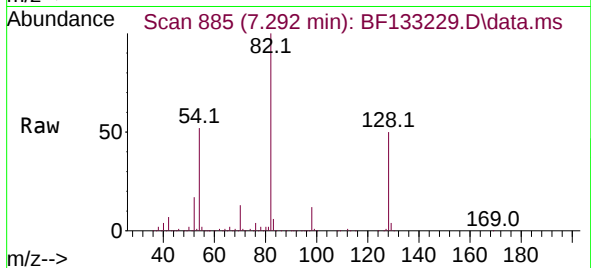
Tgt Ion:136 Resp: 845980
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.6 5.4 8.2





#23
Nitrobenzene-d5
Concen: 54.499 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

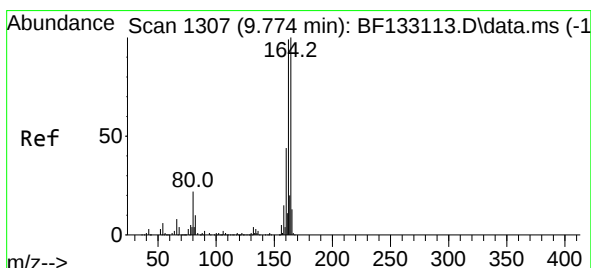
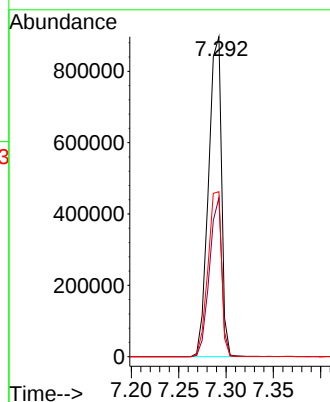
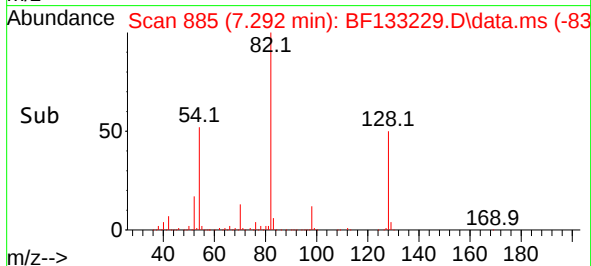
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion: 82 Resp: 85417
Ion Ratio Lower Upper
82 100
128 49.7 37.7 56.5
54 51.6 43.0 64.4

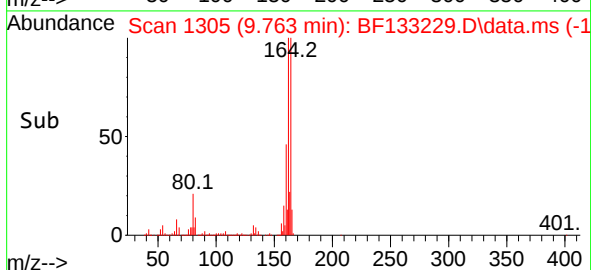
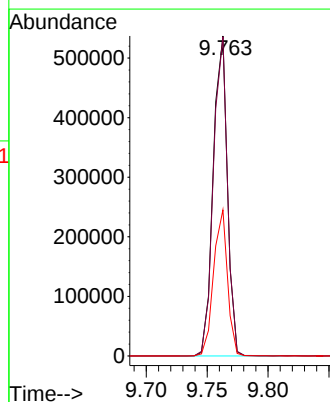
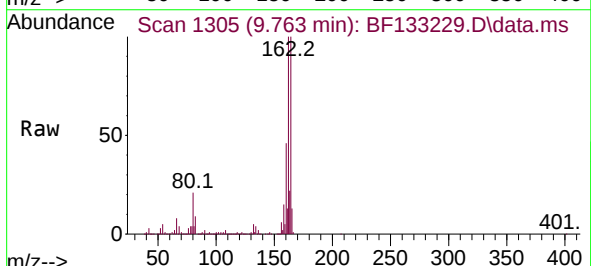
Manual Integrations
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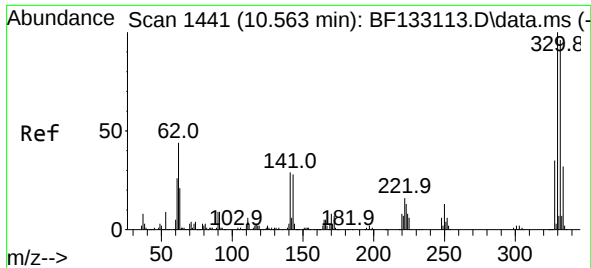
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

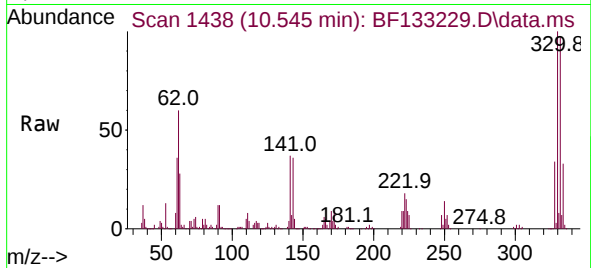
Tgt Ion:164 Resp: 433032
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 45.6 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 55.546 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

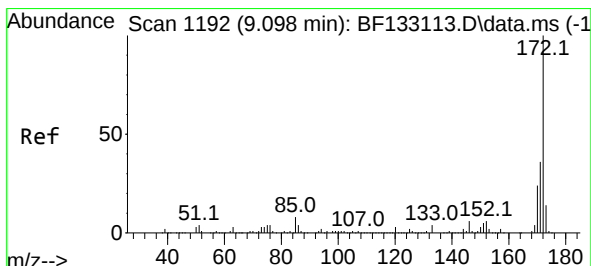
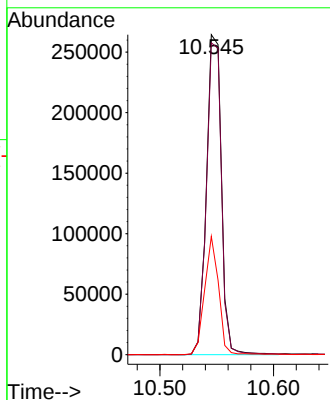
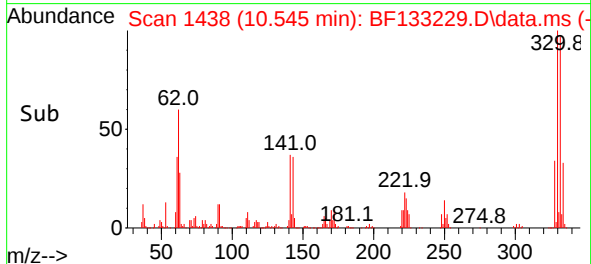
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BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



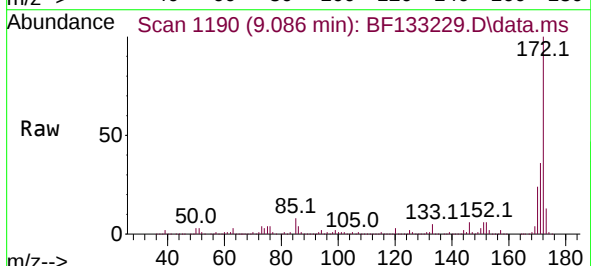
Tgt Ion: 330 Resp: 24190
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 34.7 25.8 38.8

Manual Integrations
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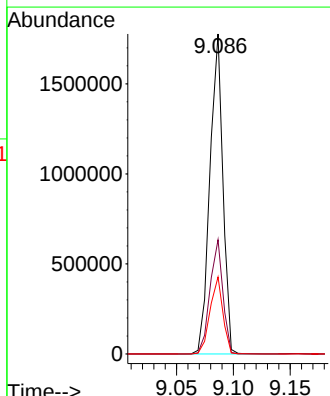
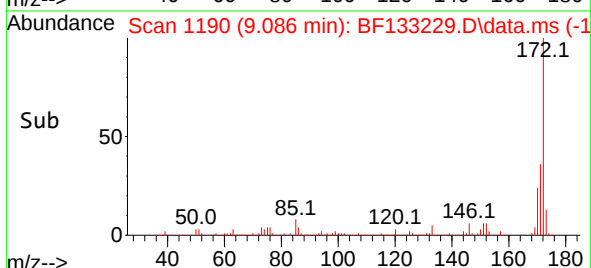
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023

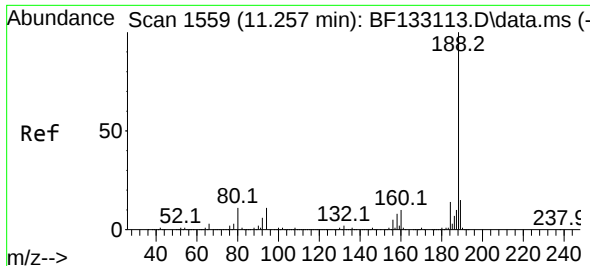


#45
2-Fluorobiphenyl
Concen: 54.546 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15



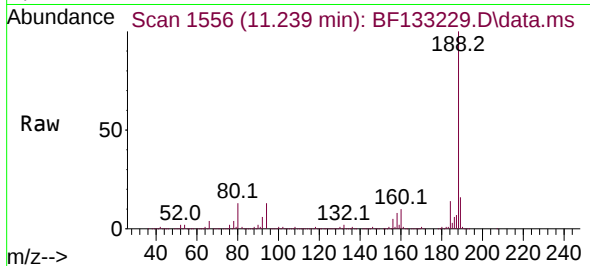
Tgt Ion: 172 Resp: 1411838
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

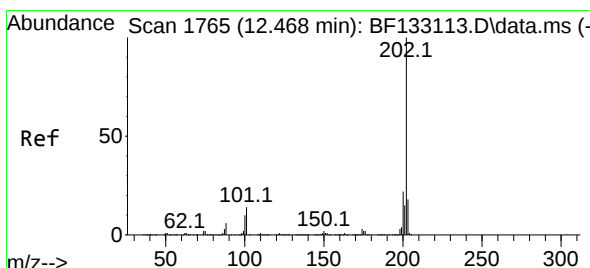
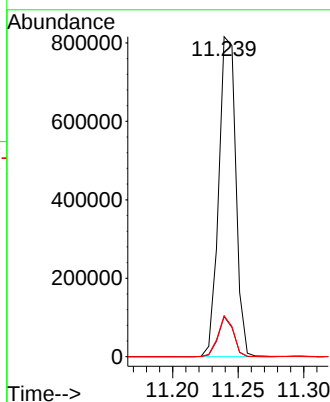
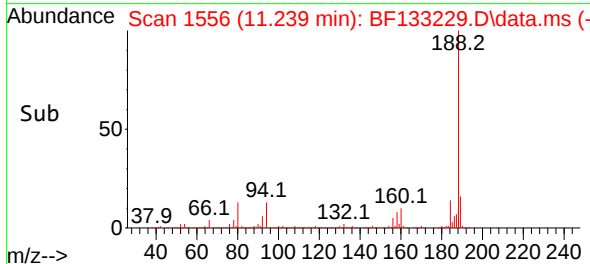
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion:188 Resp: 737099
Ion Ratio Lower Upper
188 100
94 12.5 9.7 14.5
80 12.8 10.4 15.6

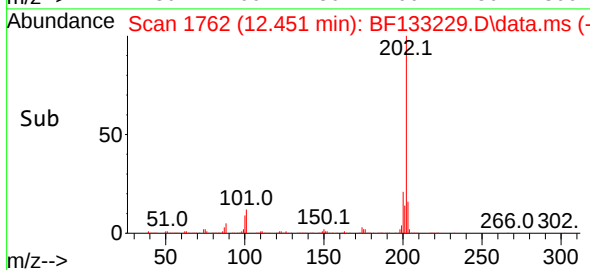
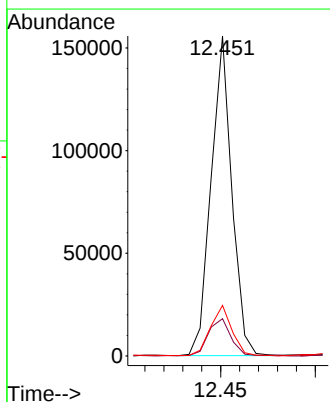
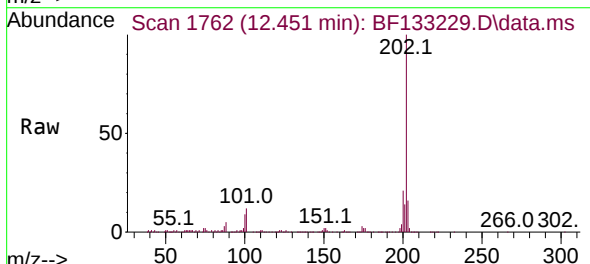
Manual Integrations
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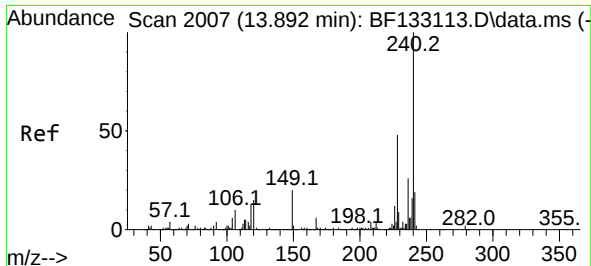
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#75
Fluoranthene
Concen: 2.977 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

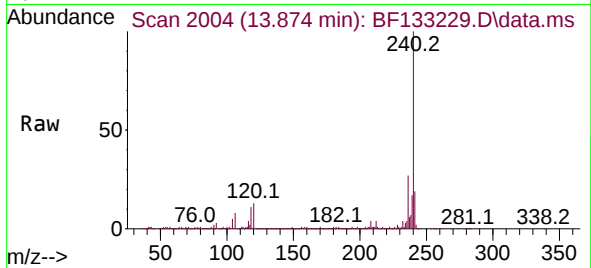
Tgt Ion:202 Resp: 118376
Ion Ratio Lower Upper
202 100
101 11.6 0.0 35.3
203 15.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

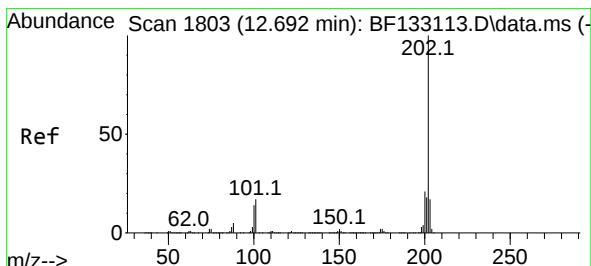
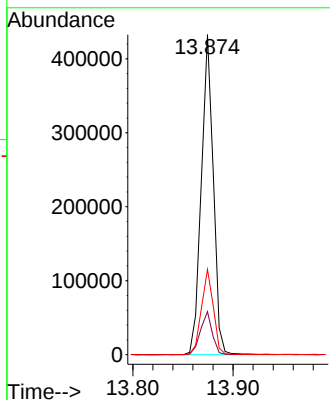
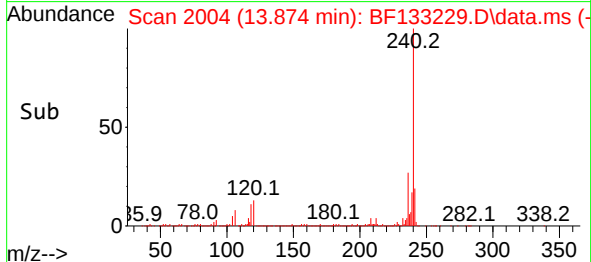
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion:240 Resp: 361934
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 26.6 21.5 32.3

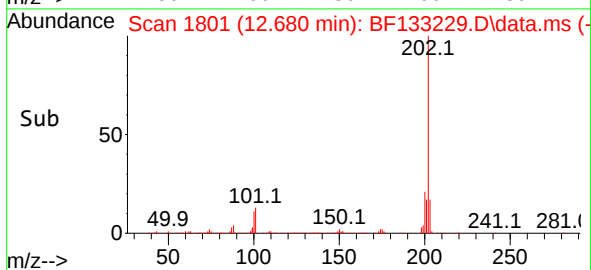
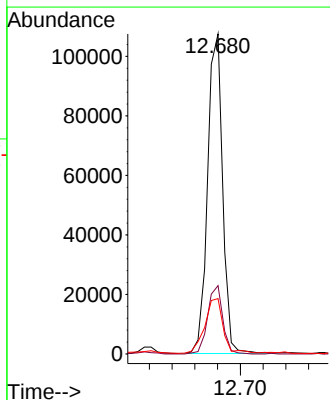
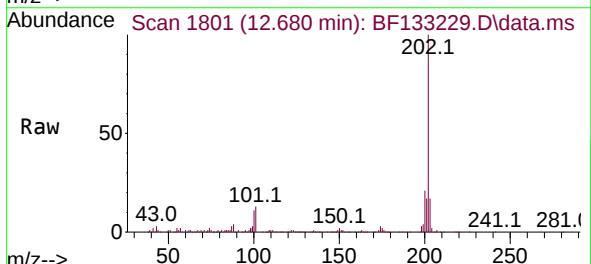
Manual Integrations
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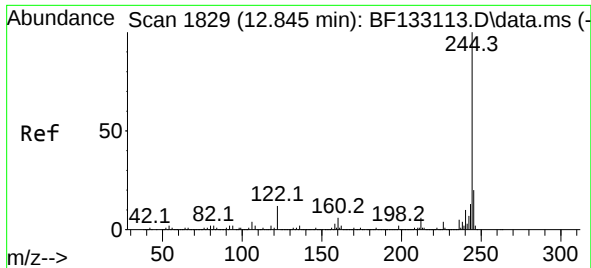
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#78
Pyrene
Concen: 3.178 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

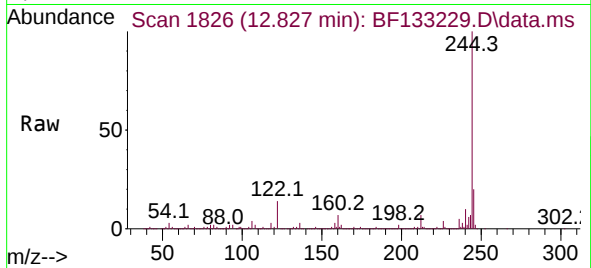
Tgt Ion:202 Resp: 98590
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 56.565 ng
RT: 12.827 min Scan# 118706
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

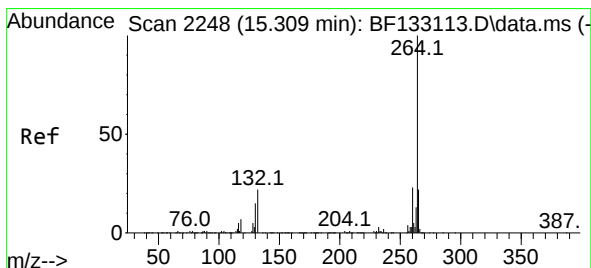
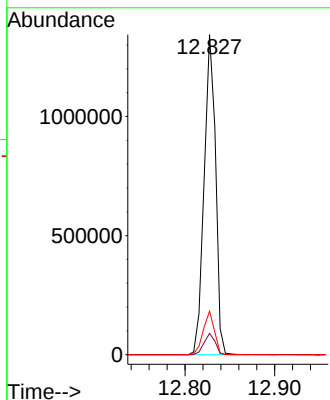
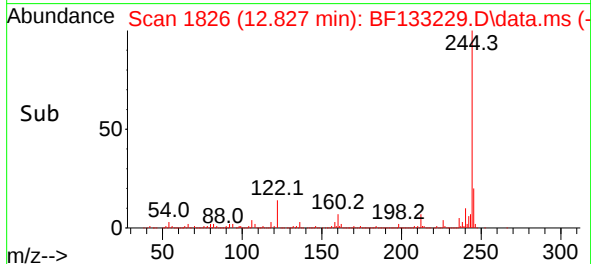
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023



Tgt Ion:244 Resp: 118706
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.6 8.6 13.0

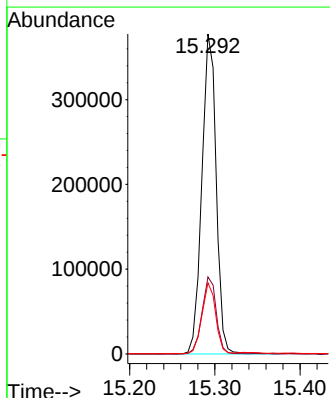
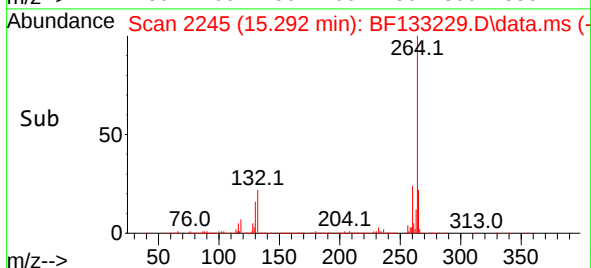
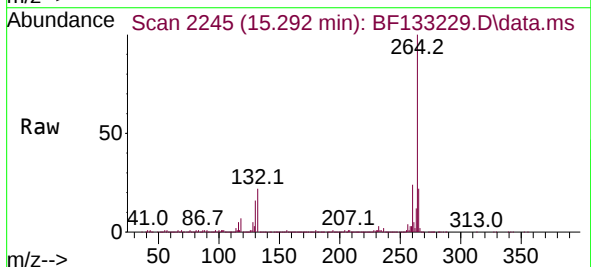
Manual Integrations
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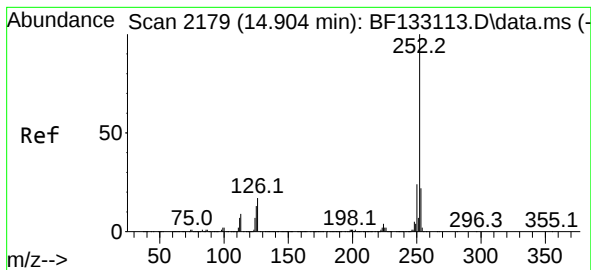
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:264 Resp: 440998
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.3 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.192 ng m

RT: 14.886 min Scan# 2176

Delta R.T. -0.012 min

Lab File: BF133229.D

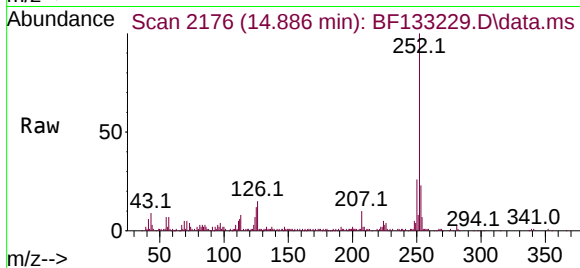
Acq: 04 May 2023 14:15

Instrument :

BNA_F

ClientSampleId :

ZONE-A-3-6-05022023



Tgt Ion:252 Resp: 61498

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 11.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023

