

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131012.D
 Acq On : 05 Nov 2022 02:51
 Operator : CG\JU
 Sample : N5430-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 185465

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/05/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 05 03:54:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54427	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	188447	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	90884	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	157255	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	180297	20.000	ng	0.00
86) Perylene-d12	15.604	264	191734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	256934	81.839	ng	0.00
7) Phenol-d6	6.528	99	374632	91.826	ng	-0.01
23) Nitrobenzene-d5	7.475	82	283075	90.578	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	52371	68.453	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	482713	80.301	ng	-0.01
79) Terphenyl-d14	13.039	244	540164	54.900	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.663	202	32385	3.755	ng	99
88) Benzo(b)fluoranthene	15.157	252	30510m	2.462	ng	
90) Benzo(a)pyrene	15.533	252	22442	2.252	ng	# 94

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

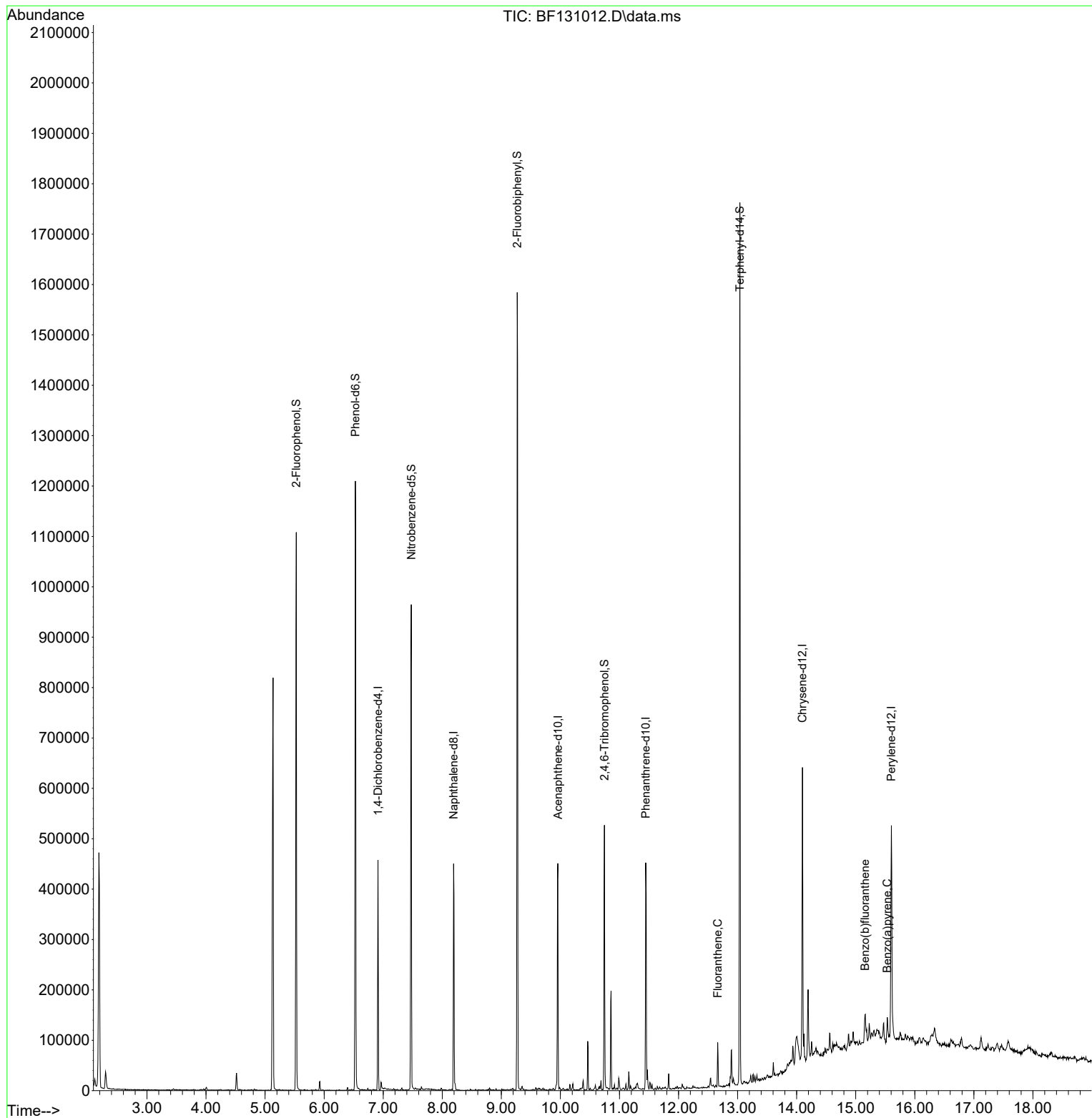
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF131012.D
Acq On : 05 Nov 2022 02:51
Operator : CG\JU
Sample : N5430-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

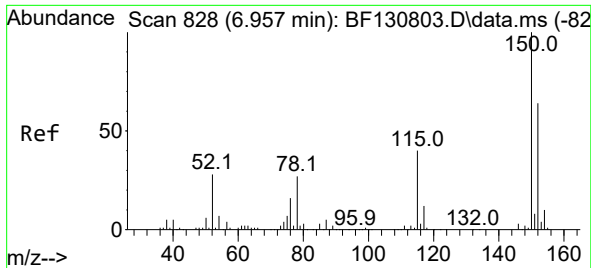
Instrument :
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185465

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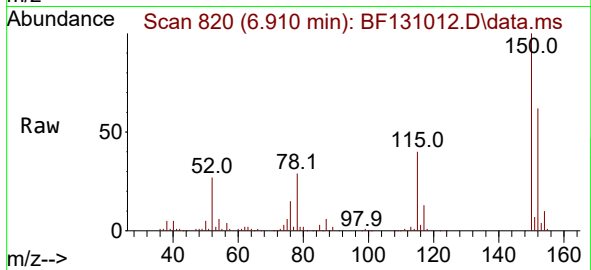
Quant Time: Nov 05 03:54:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

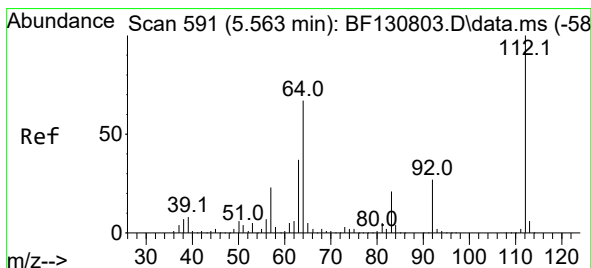
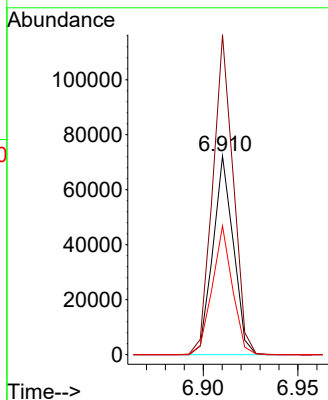
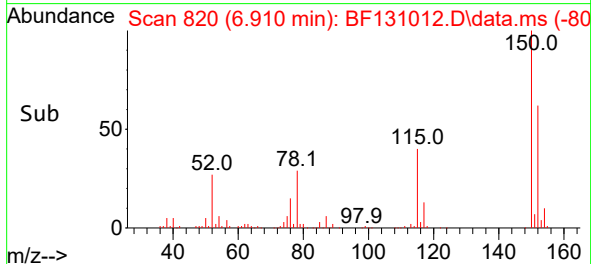
Instrument :
BNA_F
ClientSampleId :
185465



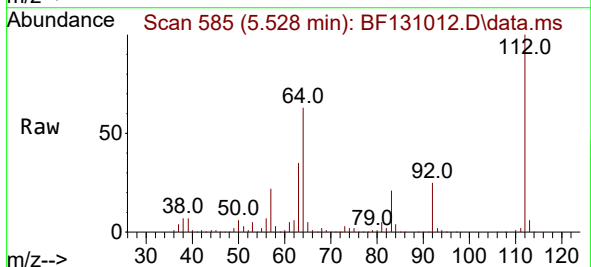
Tgt Ion:152 Resp: 5442
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 64.8 50.1 75.1

Manual Integrations
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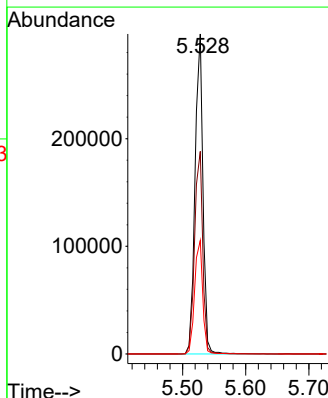
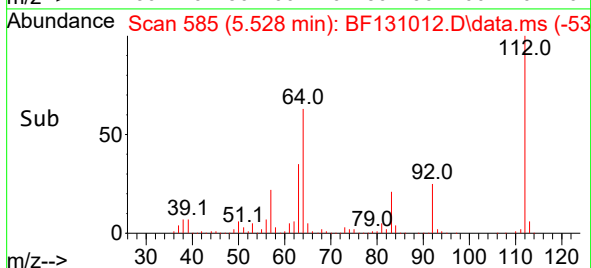
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

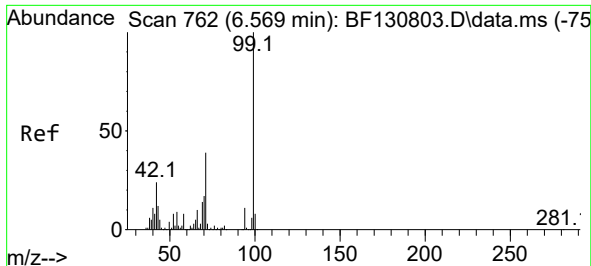


#5
2-Fluorophenol
Concen: 81.839 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51



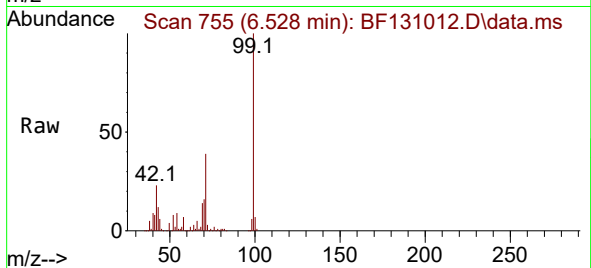
Tgt Ion:112 Resp: 256934
Ion Ratio Lower Upper
112 100
64 63.3 53.9 80.9
63 35.4 29.4 44.2





#7
Phenol-d6
Concen: 91.826 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

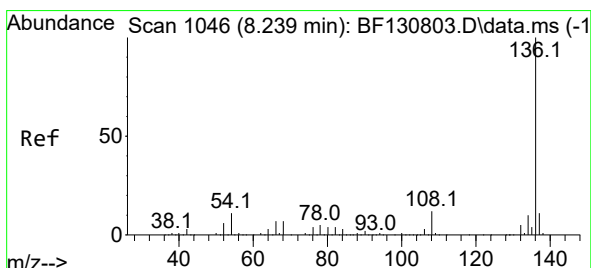
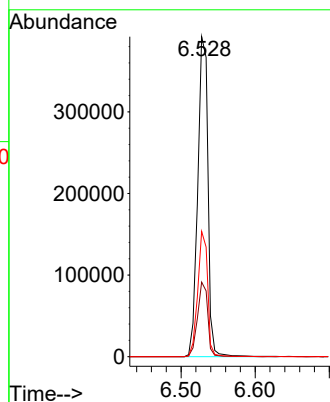
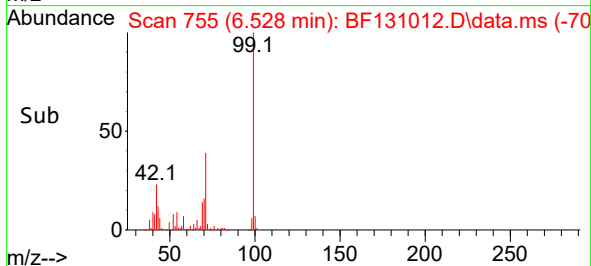
Instrument :
BNA_F
ClientSampleId :
185465



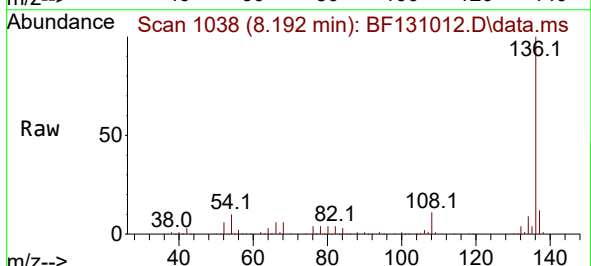
Tgt Ion: 99 Resp: 374632
Ion Ratio Lower Upper
99 100
42 23.3 18.8 28.2
71 39.1 31.4 47.0

Manual Integrations
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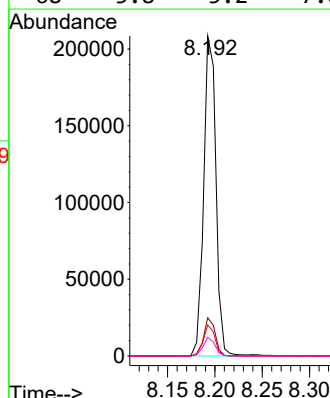
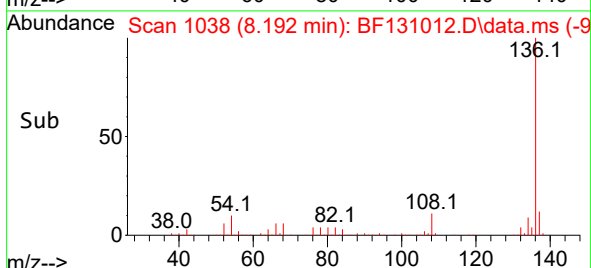
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

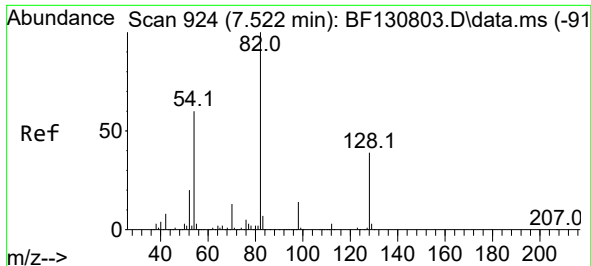


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51



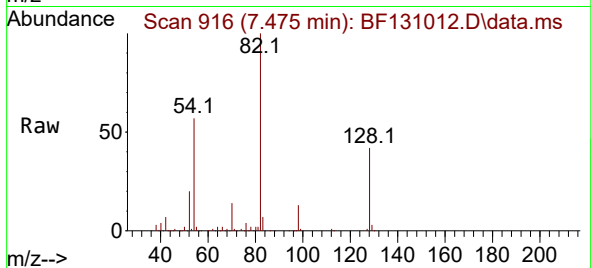
Tgt Ion:136 Resp: 188447
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 9.7 8.8 13.2
68 5.8 5.2 7.8





#23
Nitrobenzene-d5
Concen: 90.578 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

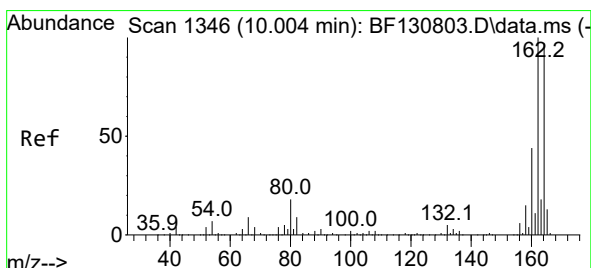
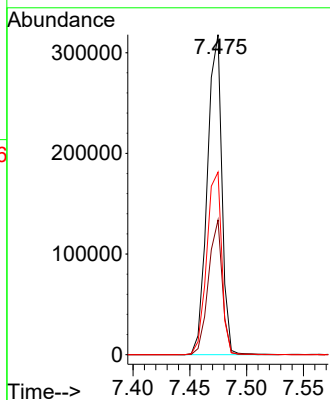
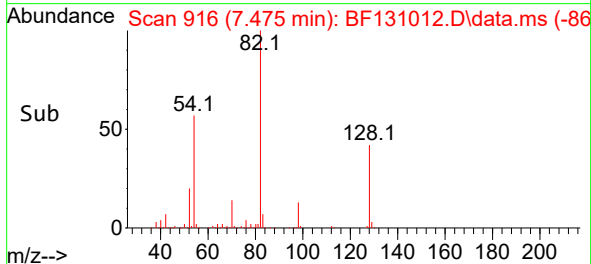
Instrument :
BNA_F
ClientSampleId :
185465



Tgt Ion: 82 Resp: 283075
Ion Ratio Lower Upper
82 100
128 42.1 31.2 46.8
54 57.1 48.0 72.0

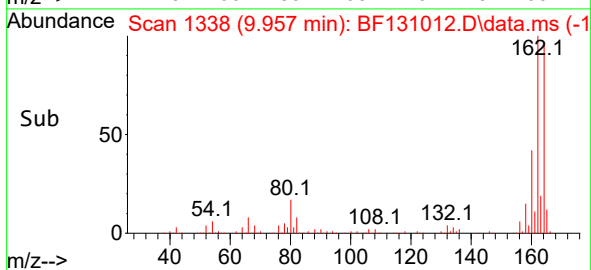
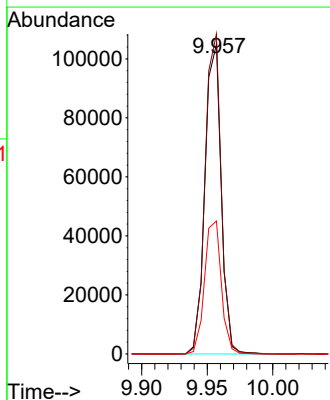
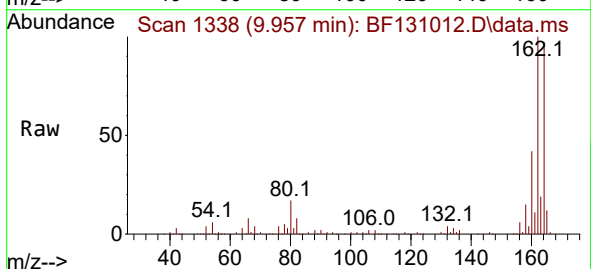
Manual Integrations
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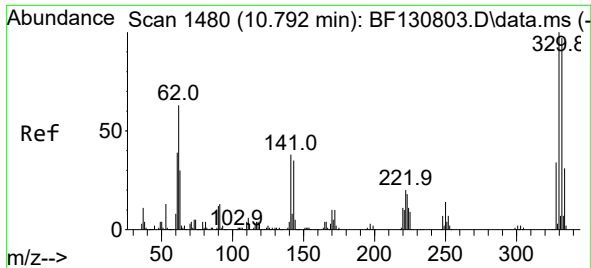
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

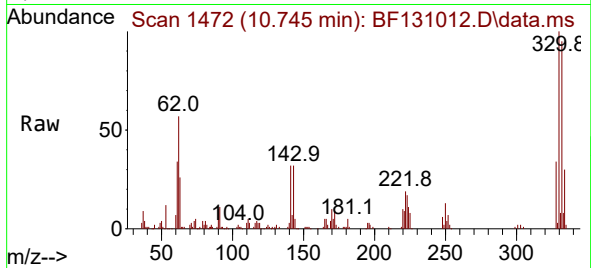
Tgt Ion:164 Resp: 90884
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 42.9 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 68.453 ng
RT: 10.745 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

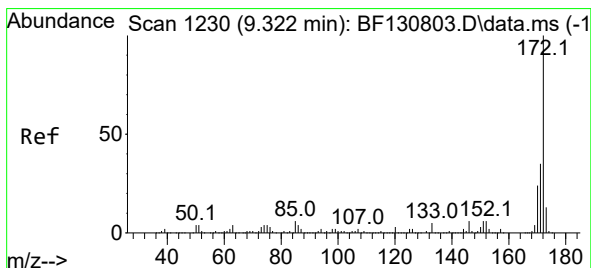
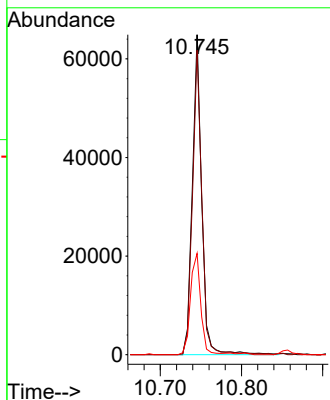
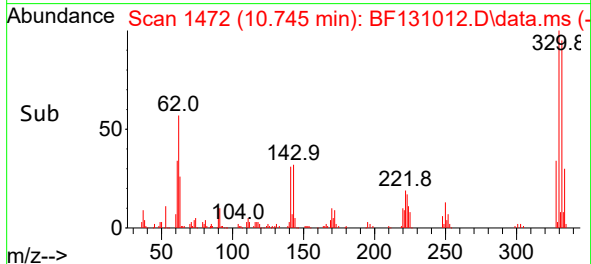
Instrument :
BNA_F
ClientSampleId :
185465



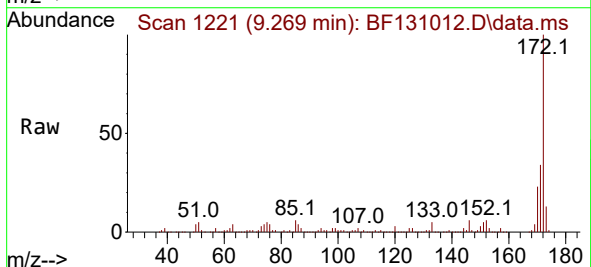
Tgt Ion: 330 Resp: 5237
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.5 31.4 47.0

Manual Integrations
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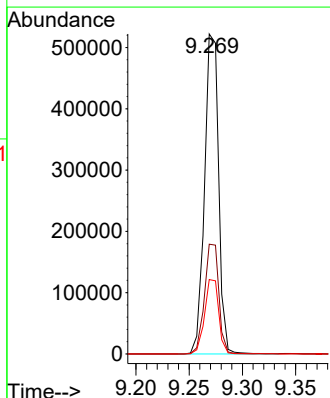
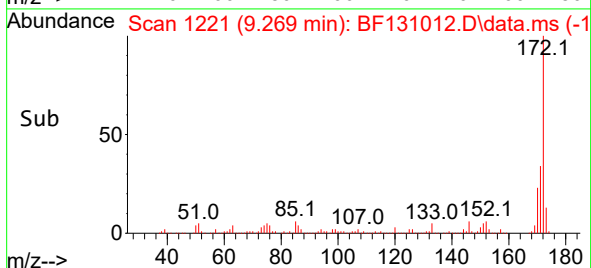
Reviewed By : Christian Giraldo 11/05/2022
Supervised By : Jagrut Upadhyay 11/07/2022

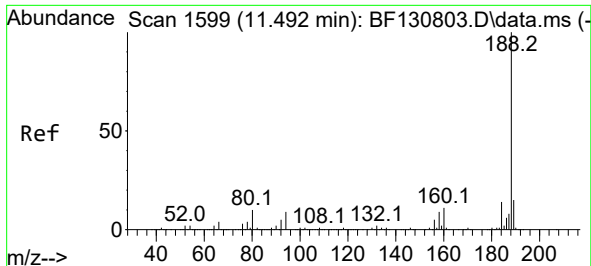


#45
2-Fluorobiphenyl
Concen: 80.301 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51



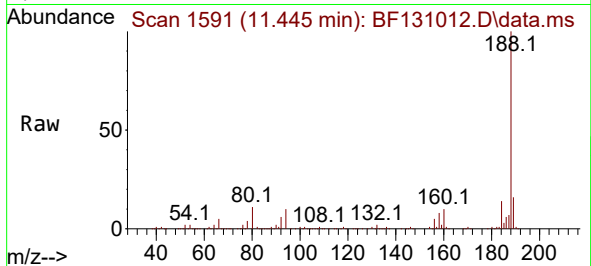
Tgt Ion: 172 Resp: 482713
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

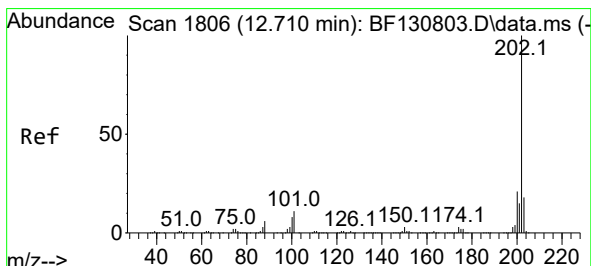
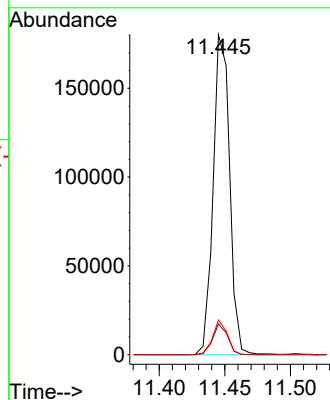
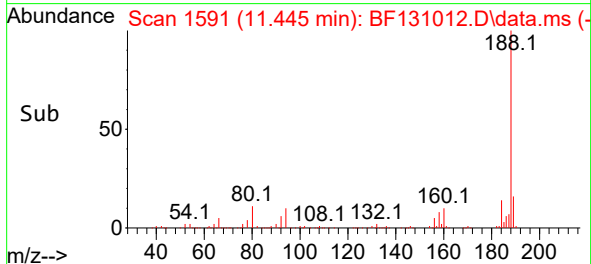
Instrument :
BNA_F
ClientSampleId :
185465



Tgt Ion:188 Resp: 15725
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.8 8.0 12.0

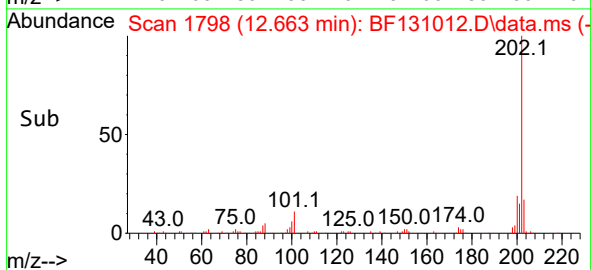
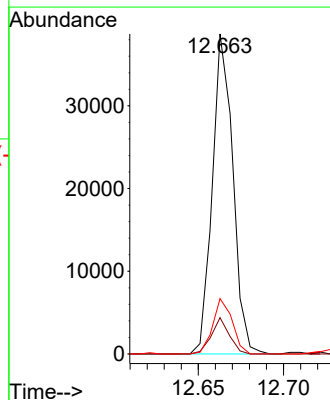
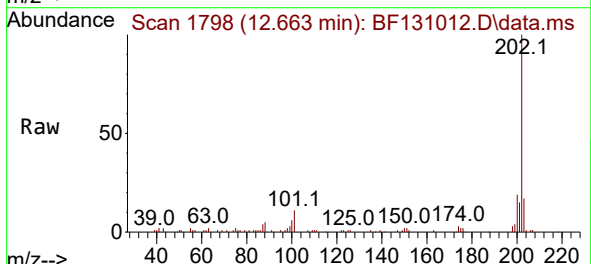
Manual Integrations
APPROVED

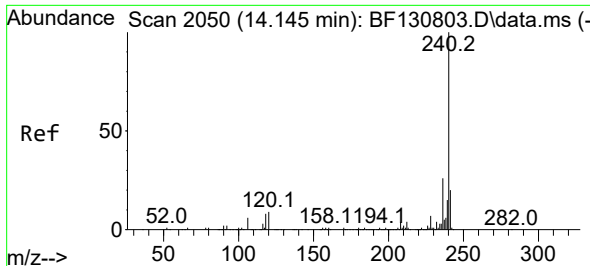
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#75
Fluoranthene
Concen: 3.755 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion:202 Resp: 32385
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 17.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

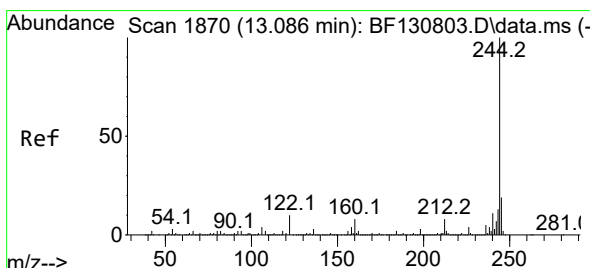
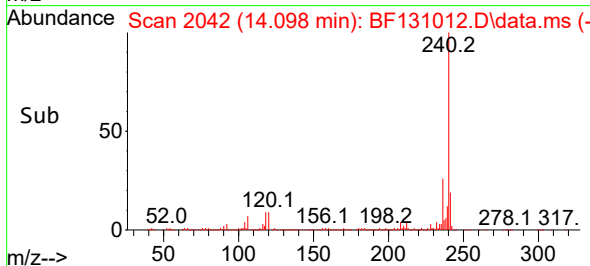
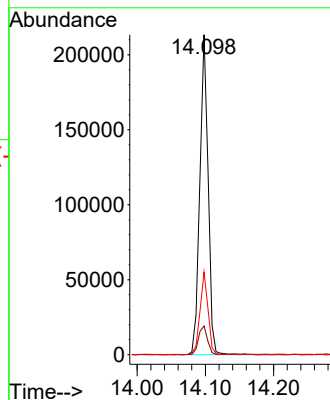
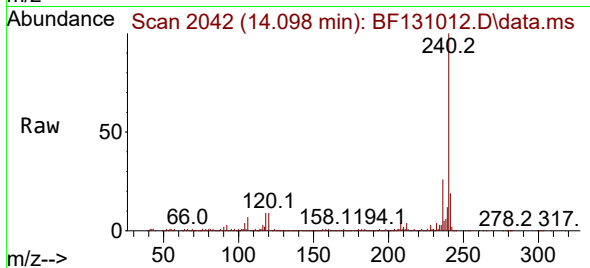
185465

Tgt Ion:240 Resp: 18029
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 25.9 20.5 30.7

Manual Integrations

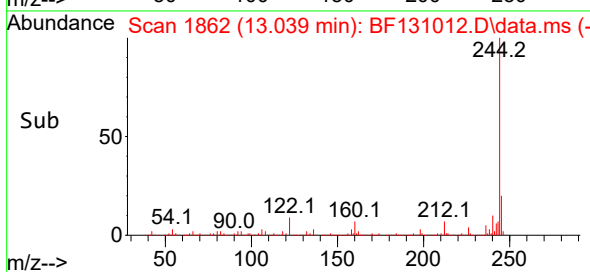
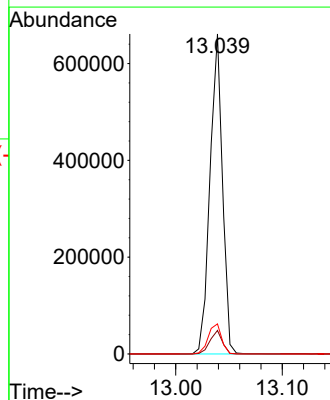
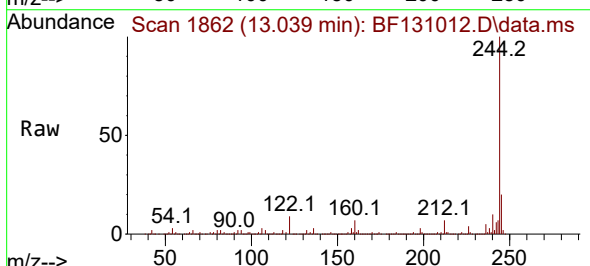
APPROVED

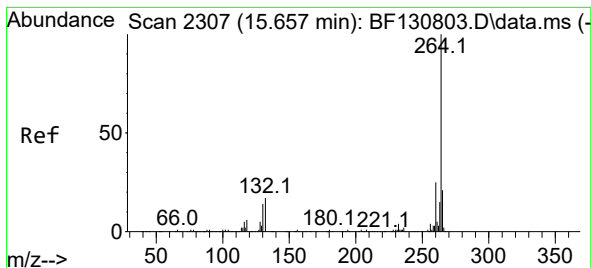
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#79
Terphenyl-d14
Concen: 54.900 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

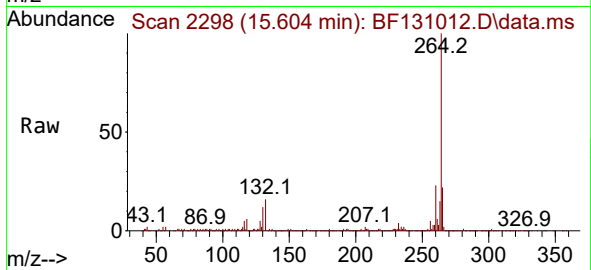
Tgt Ion:244 Resp: 540164
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.4 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

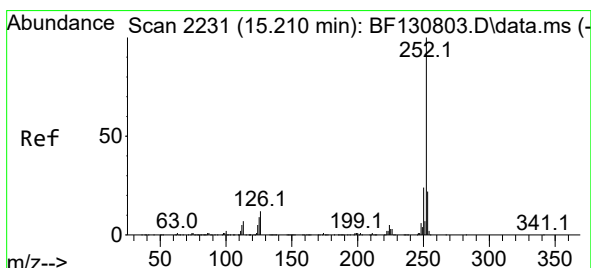
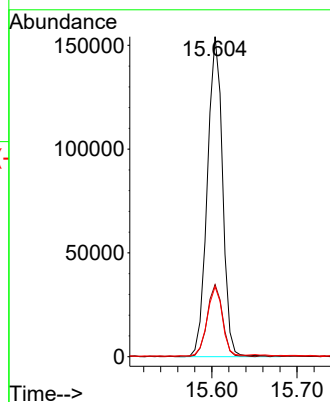
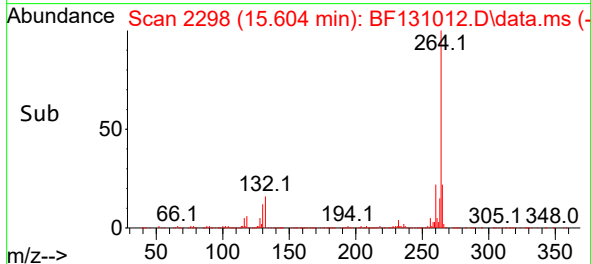
Instrument :
BNA_F
ClientSampleId :
185465



Tgt Ion:264 Resp: 191734
Ion Ratio Lower Upper
264 100
260 22.6 19.9 29.9
265 21.9 17.0 25.6

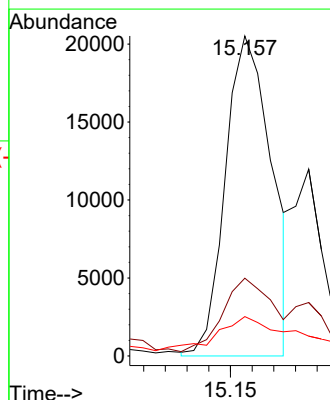
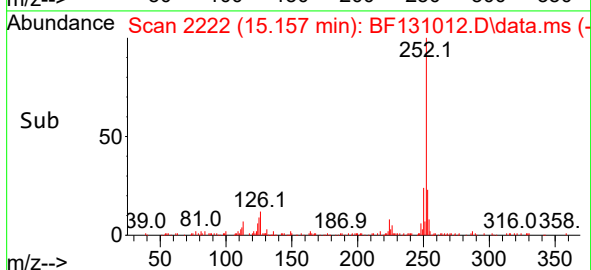
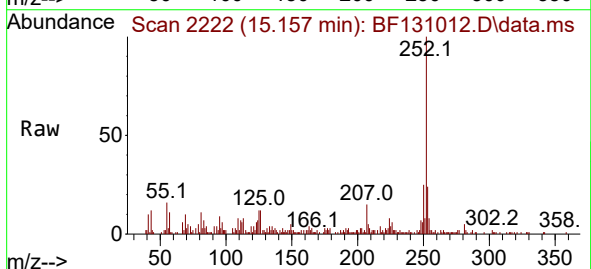
Manual Integrations
APPROVED

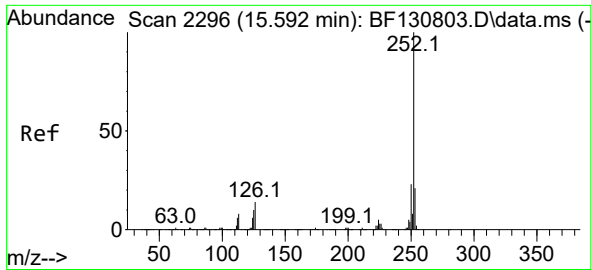
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#88
Benzo(b)fluoranthene
Concen: 2.462 ng m
RT: 15.157 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion:252 Resp: 30510
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 12.3 7.0 10.4#





#90

Benzo(a)pyrene

Concen: 2.252 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131012.D

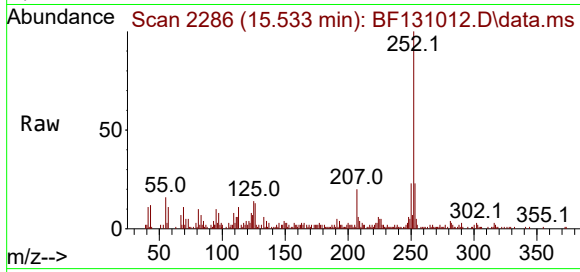
Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

185465



Tgt Ion:252 Resp: 2244

Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

125 14.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022

