

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132269.D
 Acq On : 01 Feb 2023 20:03
 Operator : CG\JU
 Sample : 01366-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-013023

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:56:44 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	167304	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	608224	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	281799	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	450535	20.000	ng	0.00
76) Chrysene-d12	14.277	240	307521	20.000	ng	-0.01
86) Perylene-d12	15.866	264	289067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	807004	77.534	ng	0.00
7) Phenol-d6	6.678	99	988645	77.045	ng	0.00
23) Nitrobenzene-d5	7.625	82	595259	54.461	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	200839	69.305	ng	-0.01
45) 2-Fluorobiphenyl	9.431	172	1006205	55.140	ng	0.00
79) Terphenyl-d14	13.207	244	845577	53.190	ng	0.00
Target Compounds						Qvalue
78) Pyrene	13.072	202	49503	2.001	ng	97
88) Benzo(b)fluoranthene	15.383	252	67341m	3.665	ng	
90) Benzo(a)pyrene	15.795	252	46926	2.743	ng	# 91

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

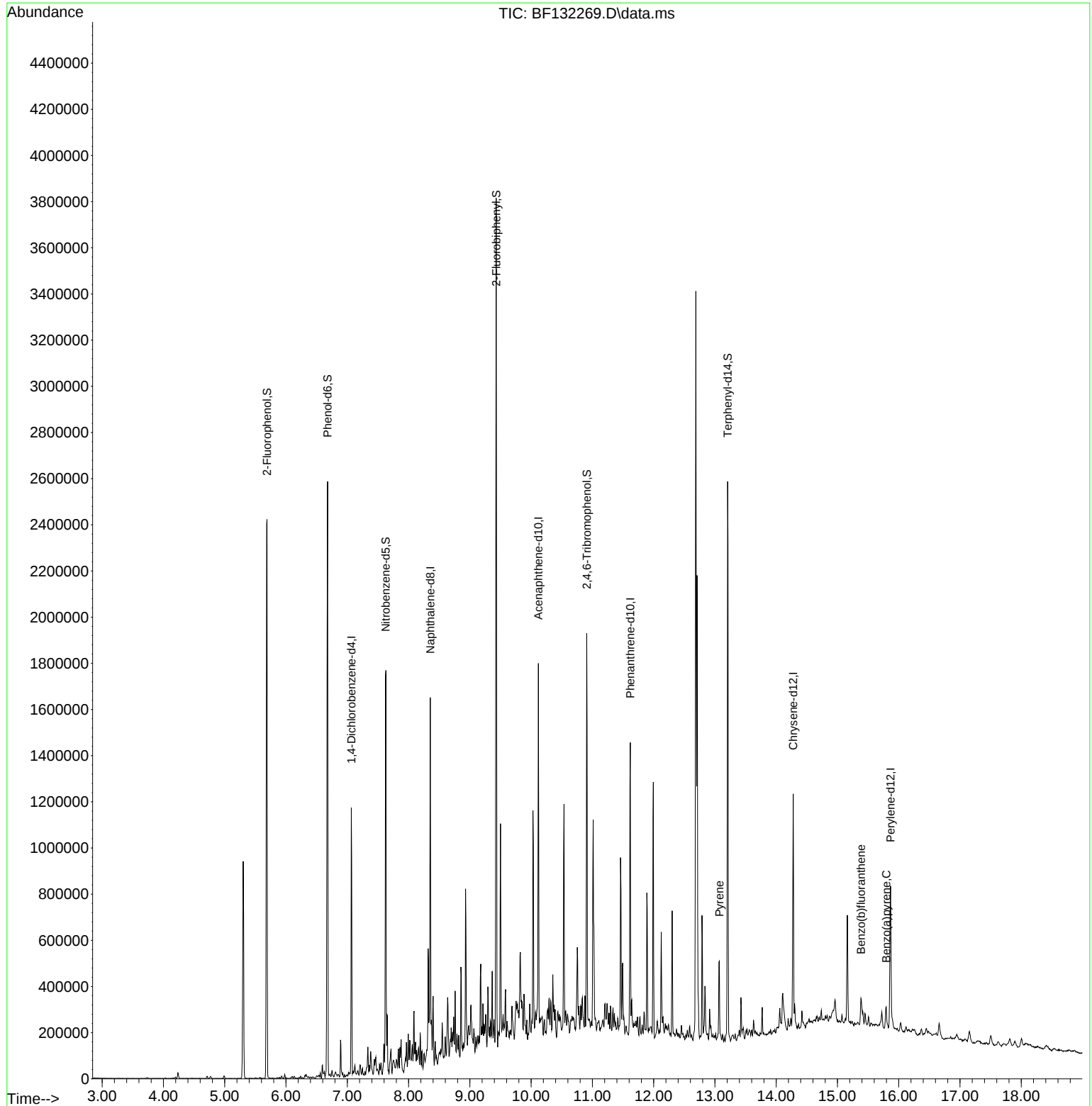
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

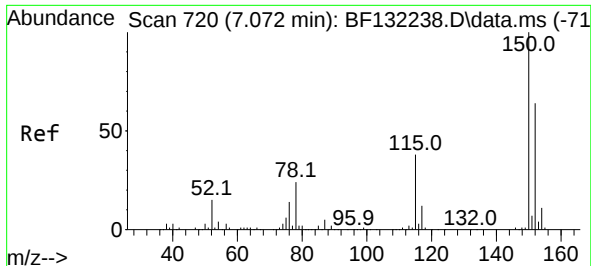
Instrument :
BNA_F
ClientSampleId :
NB-07-013023

Quant Time: Feb 02 00:56:44 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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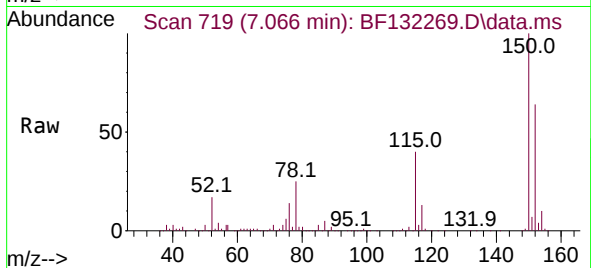
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

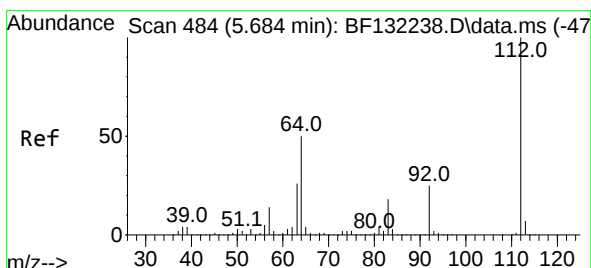
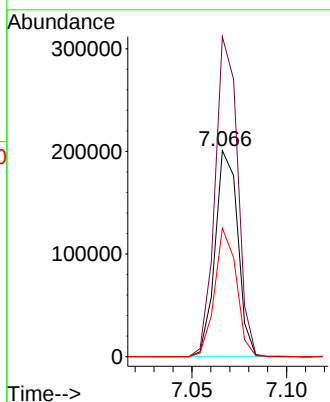
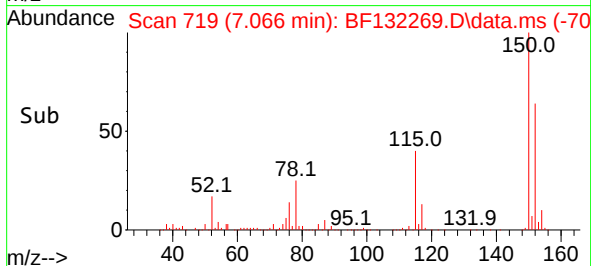
Instrument :
BNA_F
ClientSampleId :
NB-07-013023



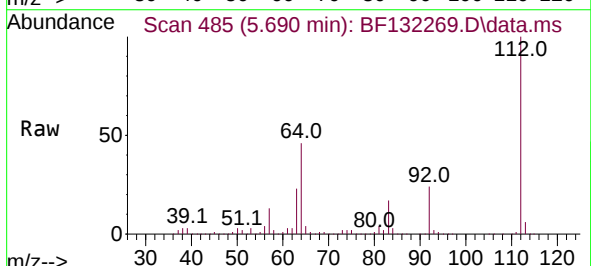
Tgt Ion:152 Resp: 167304
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 62.3 47.3 70.9

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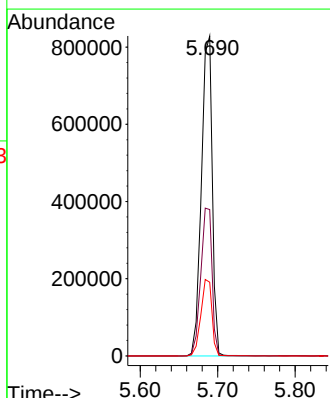
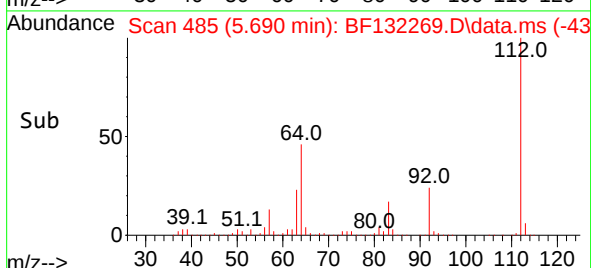
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

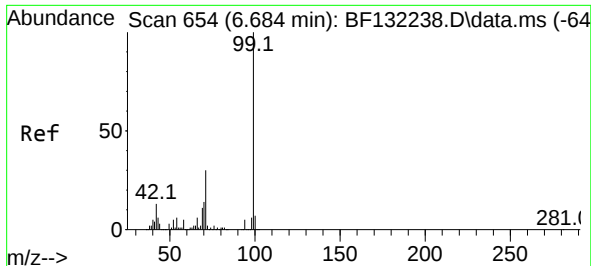


#5
2-Fluorophenol
Concen: 77.534 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03



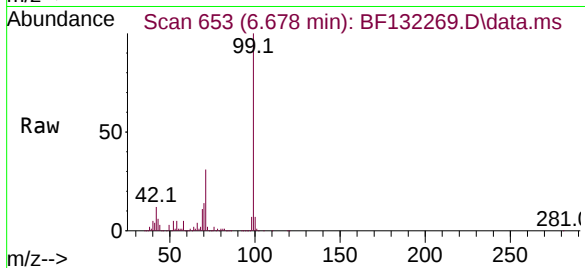
Tgt Ion:112 Resp: 807004
Ion Ratio Lower Upper
112 100
64 45.7 40.0 60.0
63 23.0 20.5 30.7





#7
Phenol-d6
Concen: 77.045 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

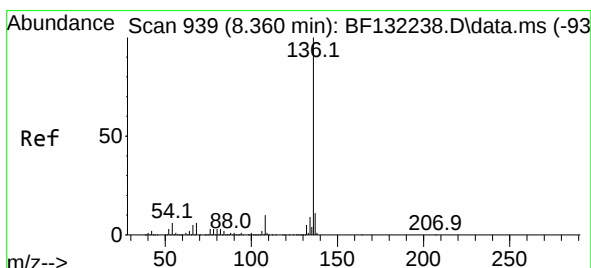
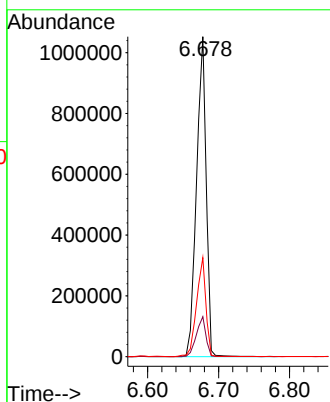
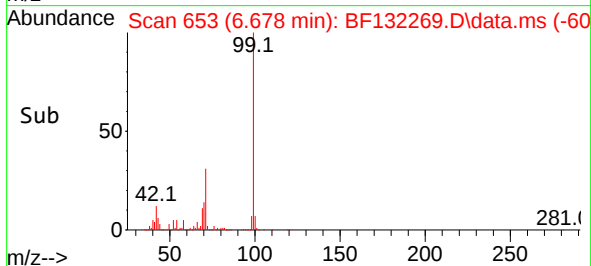
Instrument :
BNA_F
ClientSampleId :
NB-07-013023



Tgt Ion: 99 Resp: 988645
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 30.9 24.2 36.4

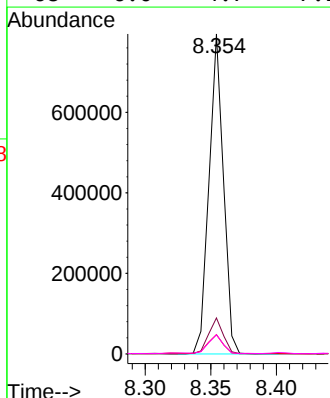
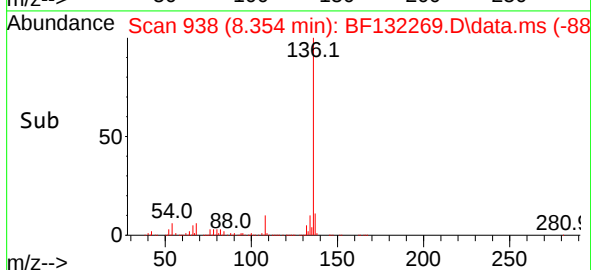
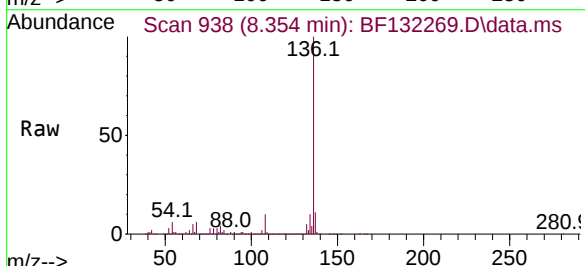
Manual Integrations
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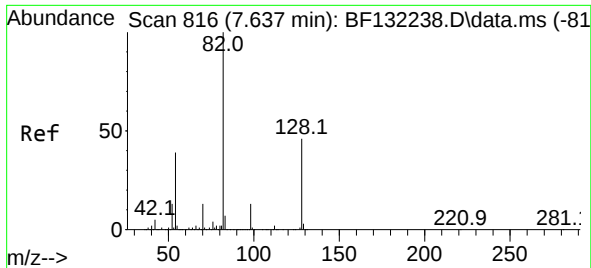
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Tgt Ion:136 Resp: 608224
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.0 4.9 7.3
68 6.0 4.7 7.1





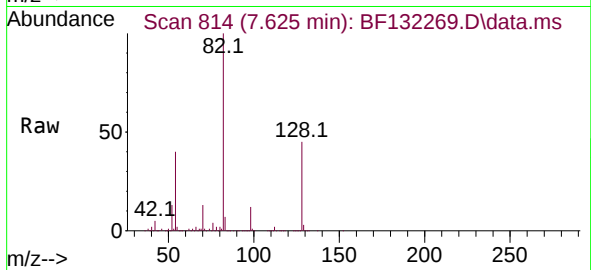
#23
Nitrobenzene-d5
Concen: 54.461 ng
RT: 7.625 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Instrument :

BNA_F

ClientSampleId :

NB-07-013023

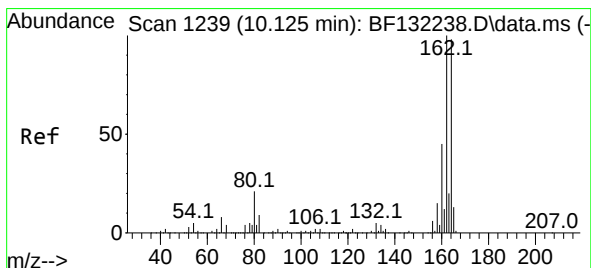
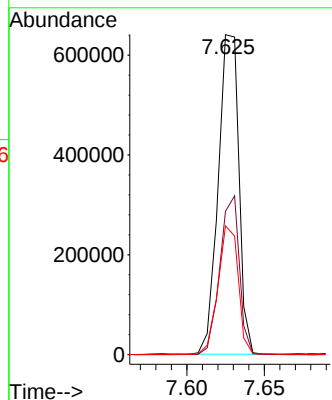
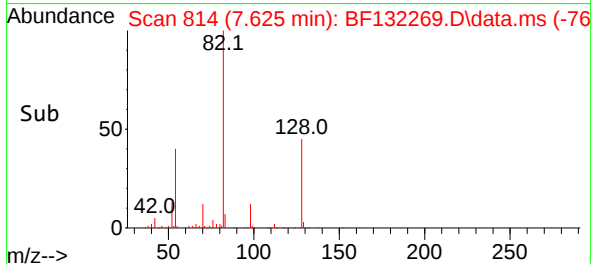


Tgt Ion: 82 Resp: 595259
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.4
54 40.2 31.5 47.3

Manual Integrations

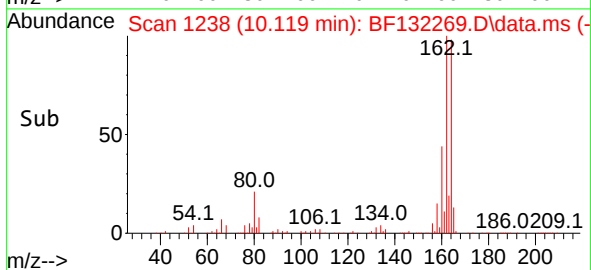
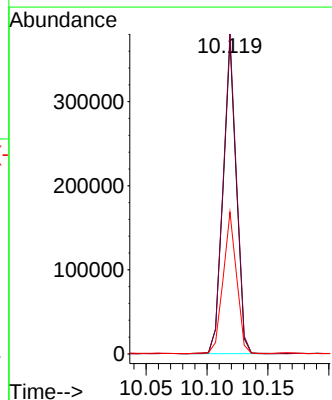
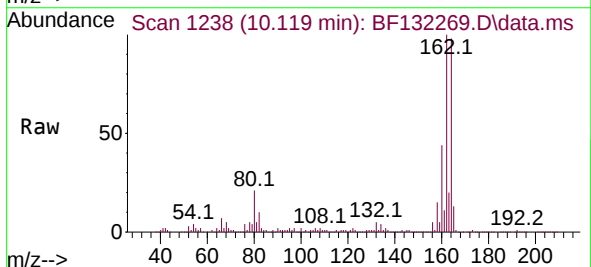
APPROVED

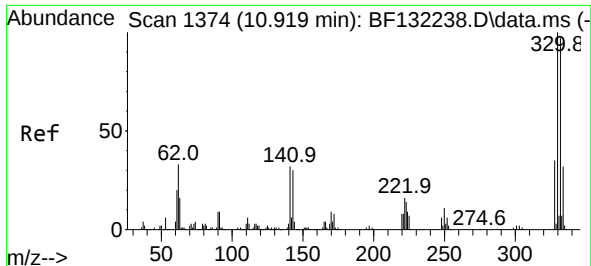
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Tgt Ion:164 Resp: 281799
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 45.2 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 69.305 ng
RT: 10.907 min Scan# 1374
Delta R.T. -0.012 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Instrument :

BNA_F

ClientSampleId :

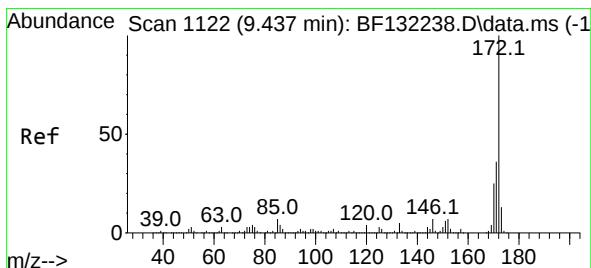
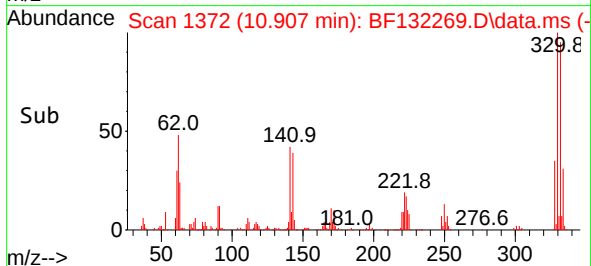
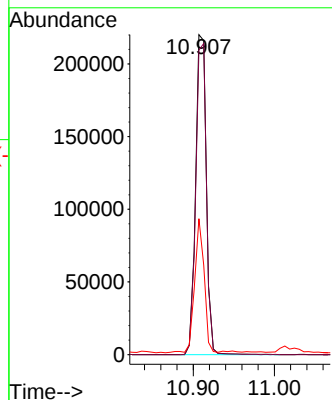
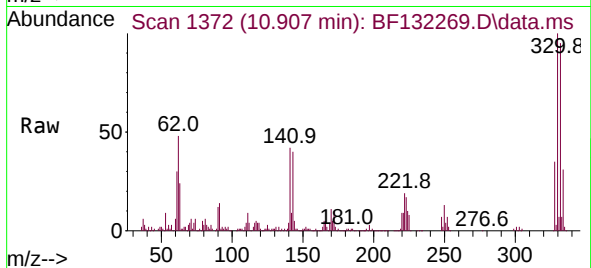
NB-07-013023

Tgt Ion:330 Resp: 200839
Ion Ratio Lower Upper
330 100
332 96.9 77.9 116.9
141 37.2 31.0 46.4

Manual Integrations

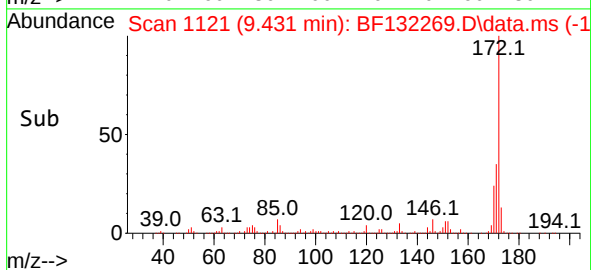
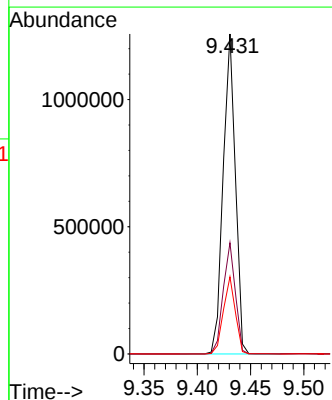
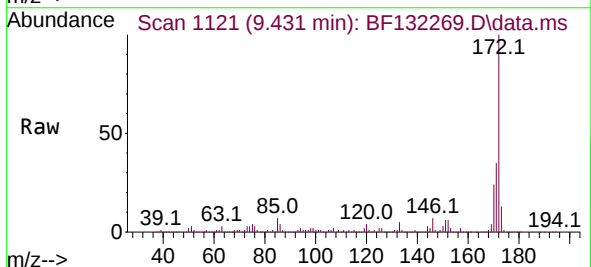
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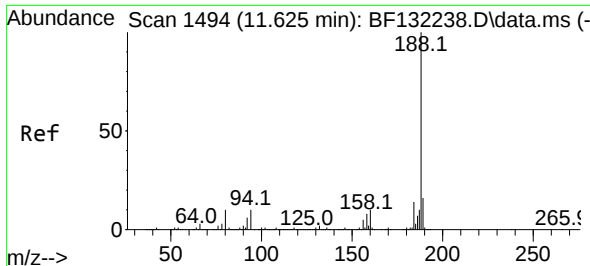
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#45
2-Fluorobiphenyl
Concen: 55.140 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

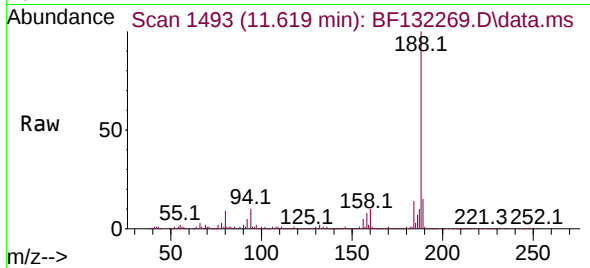
Tgt Ion:172 Resp: 1006205
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 24.1 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

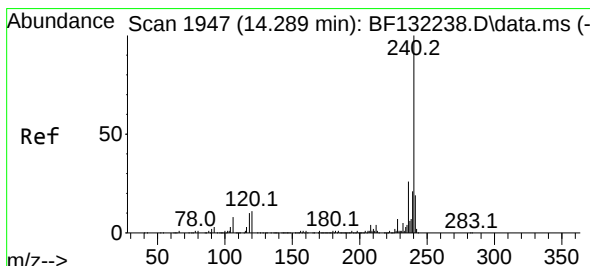
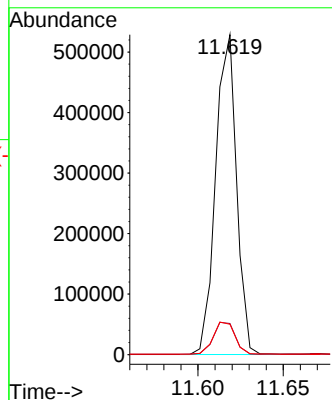
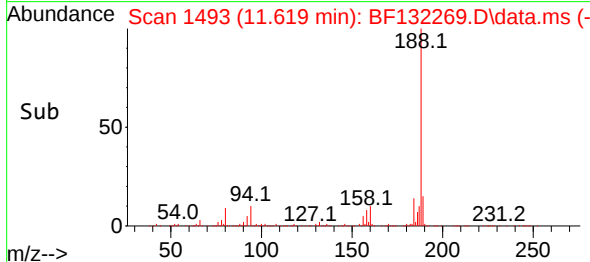
Instrument :
BNA_F
ClientSampleId :
NB-07-013023



Tgt Ion:188 Resp: 450535
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.5 8.3 12.5

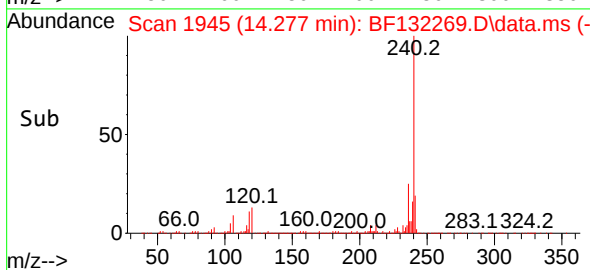
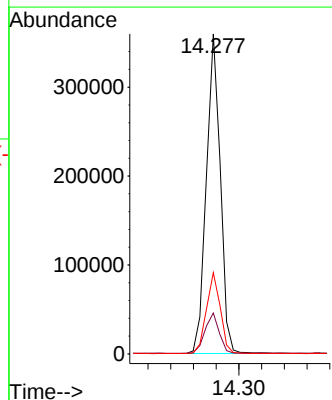
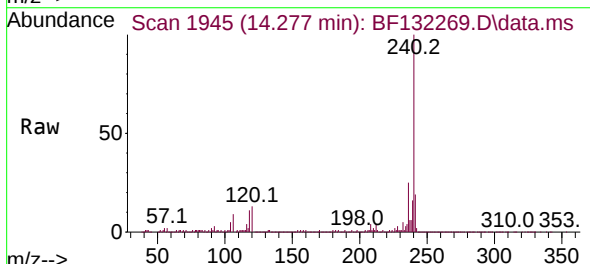
Manual Integrations
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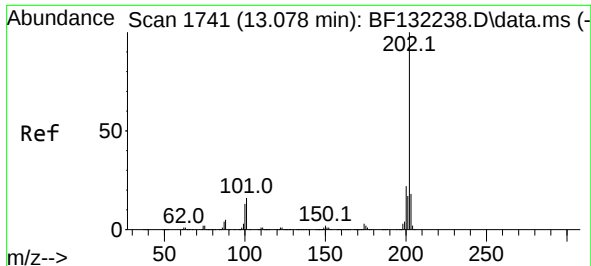
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Tgt Ion:240 Resp: 307521
Ion Ratio Lower Upper
240 100
120 12.8 8.8 13.2
236 25.4 21.0 31.6





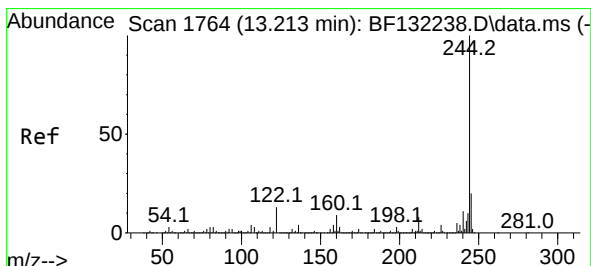
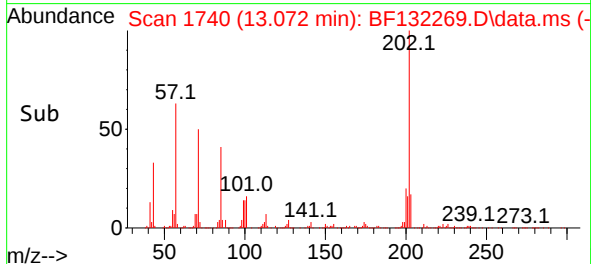
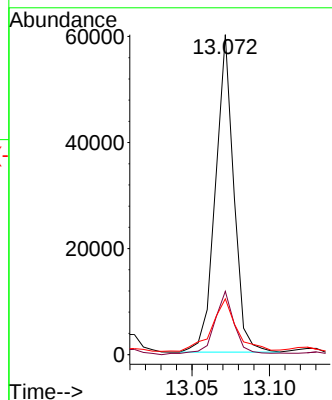
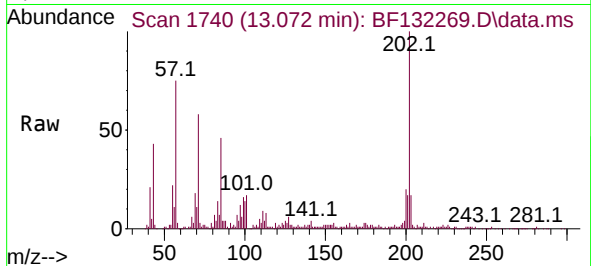
#78
Pyrene
Concen: 2.001 ng
RT: 13.072 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

Tgt Ion:	202	Resp:	49503
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.3	25.9
203	17.4	14.4	21.6

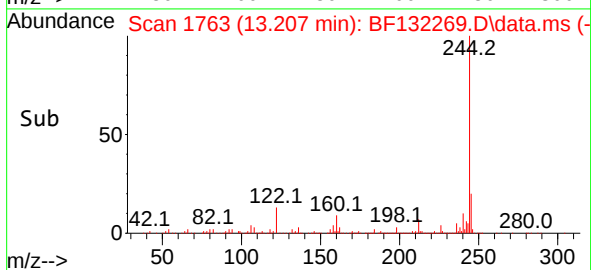
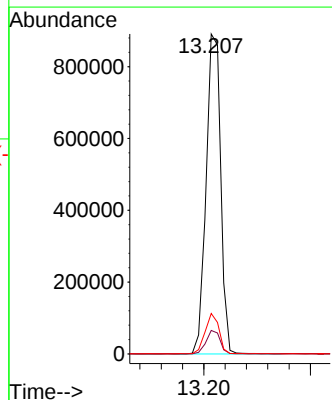
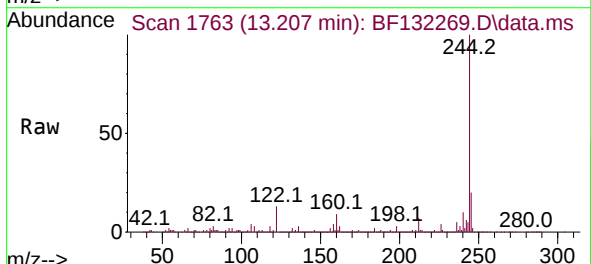
Manual Integrations
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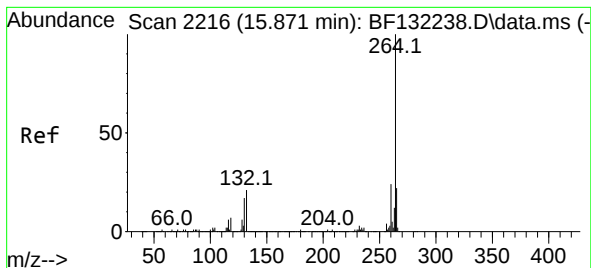
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#79
Terphenyl-d14
Concen: 53.190 ng
RT: 13.207 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Tgt Ion:	244	Resp:	845577
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.4	9.6
122	12.6	10.5	15.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132269.D

Acq: 01 Feb 2023 20:03

Instrument :

BNA_F

ClientSampleId :

NB-07-013023

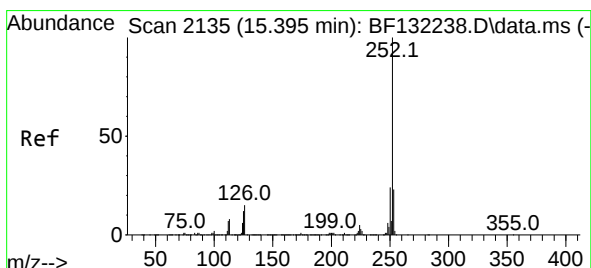
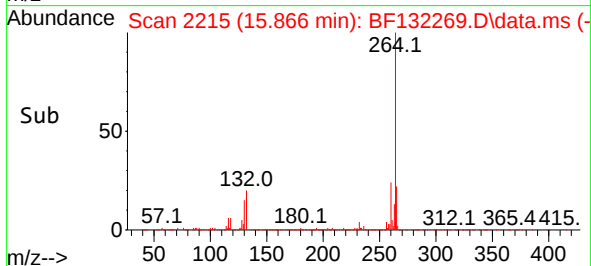
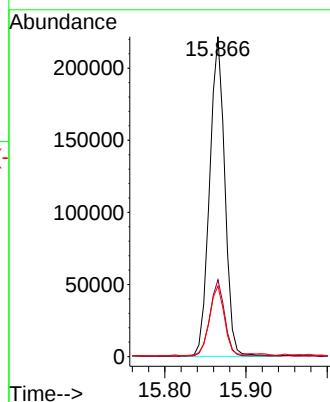
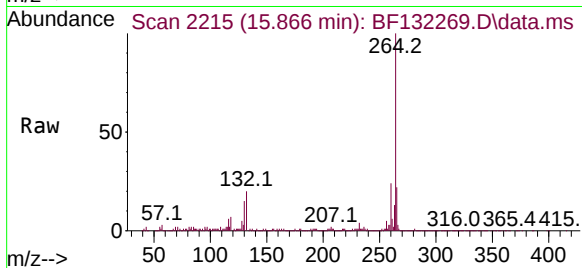
Tgt Ion:264 Resp: 28906

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.0	17.4	26.2

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 3.665 ng m

RT: 15.383 min Scan# 2133

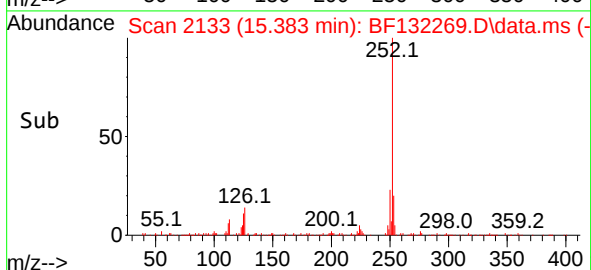
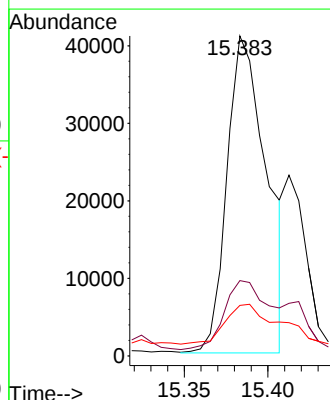
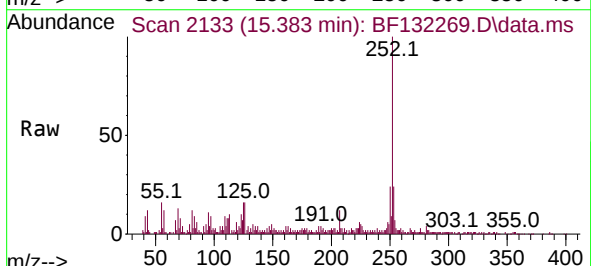
Delta R.T. -0.012 min

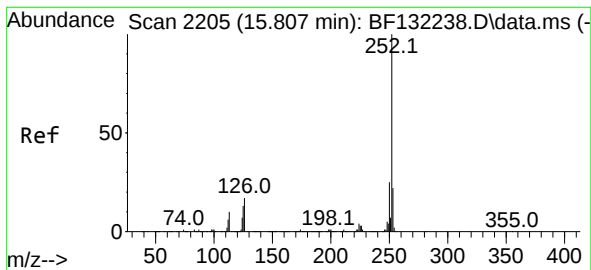
Lab File: BF132269.D

Acq: 01 Feb 2023 20:03

Tgt Ion:252 Resp: 67341

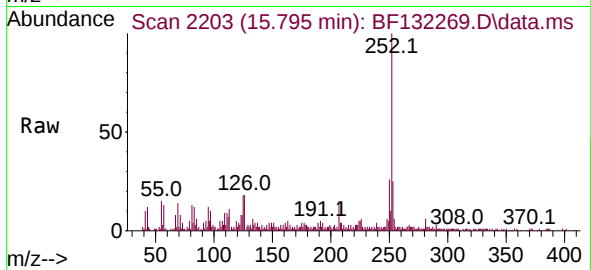
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	15.8	9.6	14.4





#90
Benzo(a)pyrene
Concen: 2.743 ng
RT: 15.795 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF132269.D
Acq: 01 Feb 2023 20:03

Instrument :
BNA_F
ClientSampleId :
NB-07-013023



Tgt Ion:252 Resp: 46926
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 17.8 10.2 15.4

Manual Integrations
APPROVED

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

