

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130559.D
 Acq On : 06 Oct 2022 19:51
 Operator : CG\JU
 Sample : N5014-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0-DUP

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

Quant Time: Oct 07 02:12:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	68016	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	244646	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	109433	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	150038	20.000	ng	0.00
76) Chrysene-d12	13.757	240	149359	20.000	ng	0.00
86) Perylene-d12	15.139	264	185463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	473519	120.751	ng	0.00
7) Phenol-d6	6.263	99	561276	114.391	ng	0.00
23) Nitrobenzene-d5	7.187	82	360960	75.378	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	101328	96.634	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	611434	81.362	ng	0.00
79) Terphenyl-d14	12.710	244	469944	52.120	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.151	178	18326	2.176	ng	99
75) Fluoranthene	12.333	202	37526	4.610	ng	98
78) Pyrene	12.563	202	34292	2.625	ng	99
81) Benzo(a)anthracene	13.745	228	26049	2.622	ng	98
83) Chrysene	13.780	228	20749	2.199	ng	94
88) Benzo(b)fluoranthene	14.757	252	35851m	2.962	ng	
90) Benzo(a)pyrene	15.080	252	23995	2.502	ng	97

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

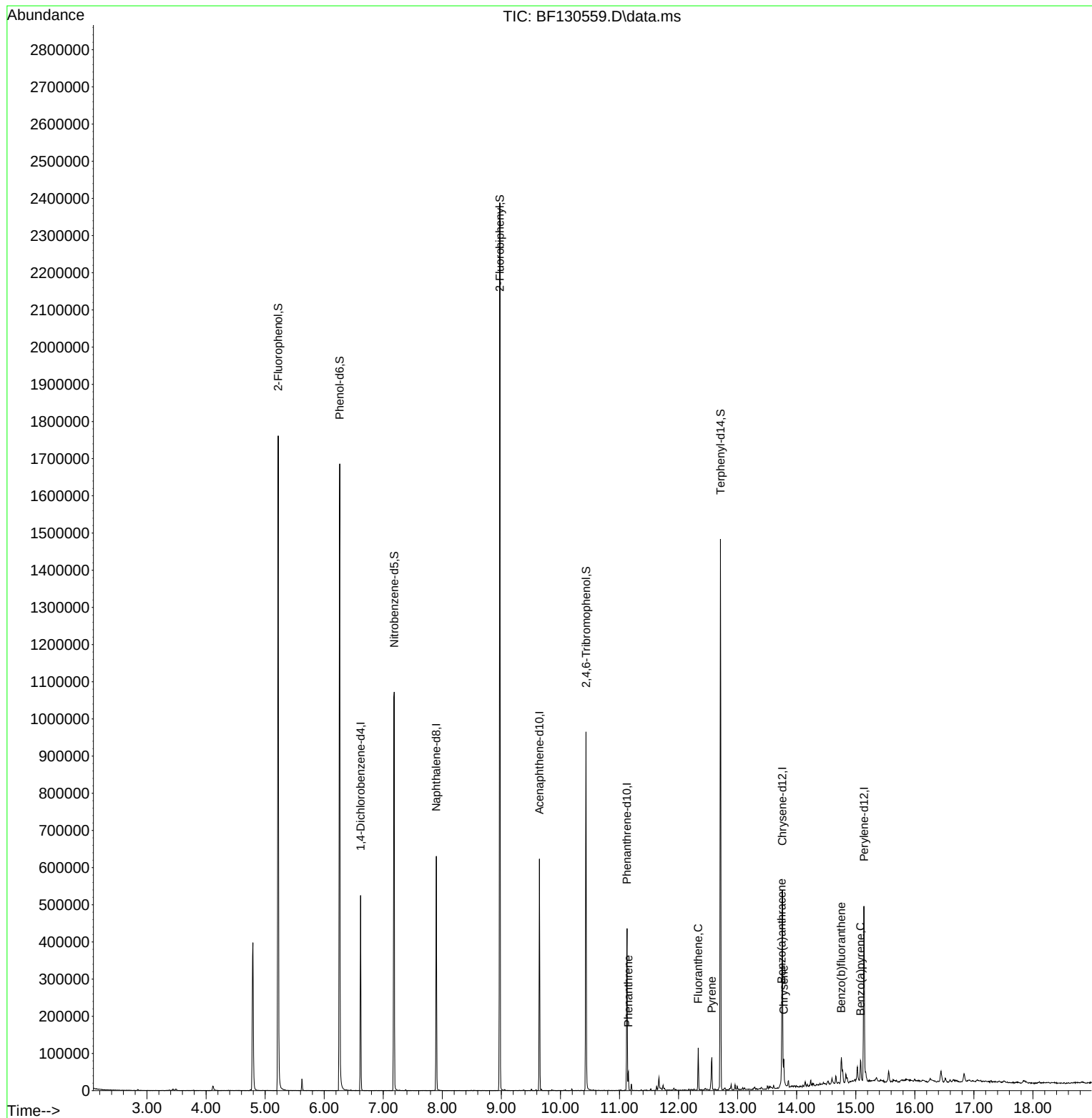
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130559.D
Acq On : 06 Oct 2022 19:51
Operator : CG\JU
Sample : N5014-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

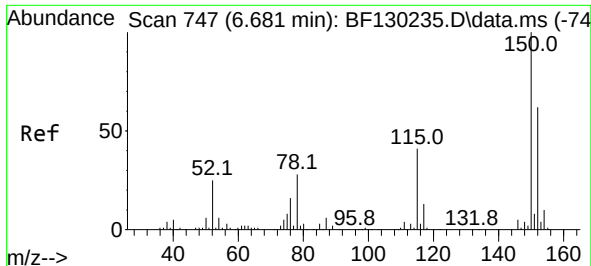
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SB-10-0-2.0-DUP

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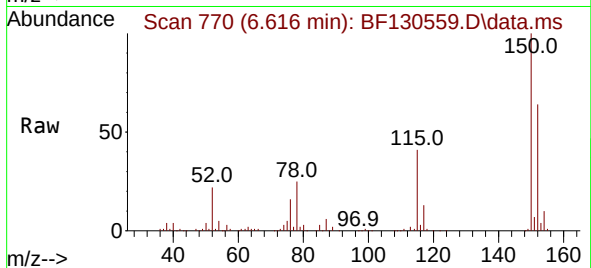
Quant Time: Oct 07 02:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51

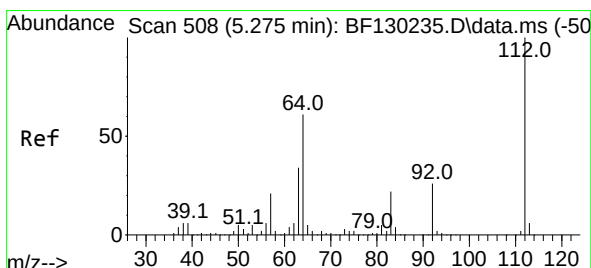
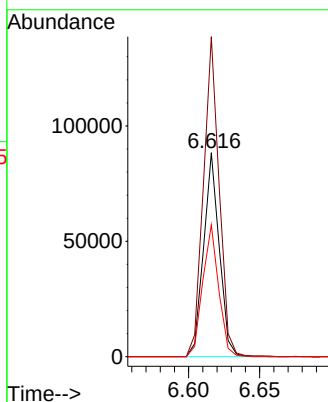
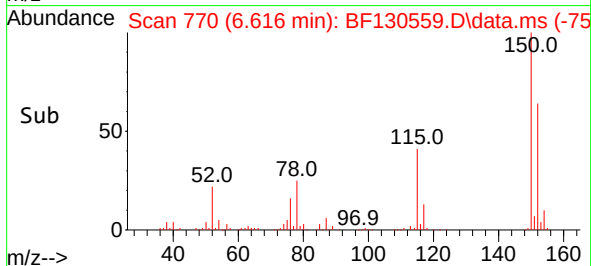
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0-DUP



Tgt Ion:152 Resp: 68010
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.8 184.2
 115 64.6 53.8 80.8

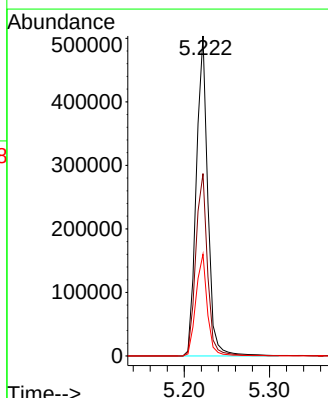
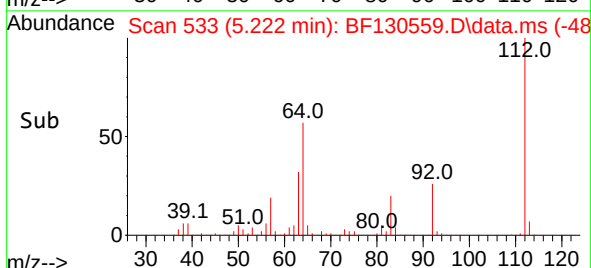
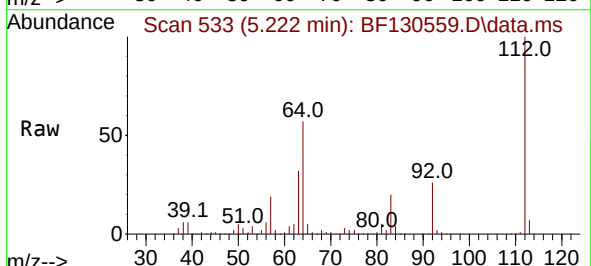
Manual Integrations
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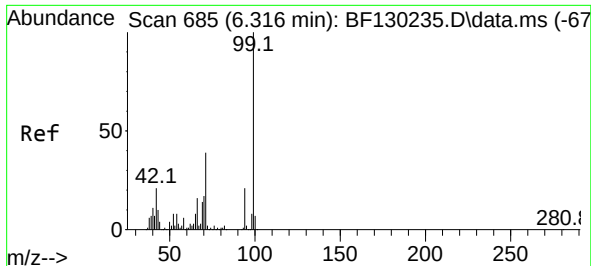
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#5
 2-Fluorophenol
 Concen: 120.751 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51

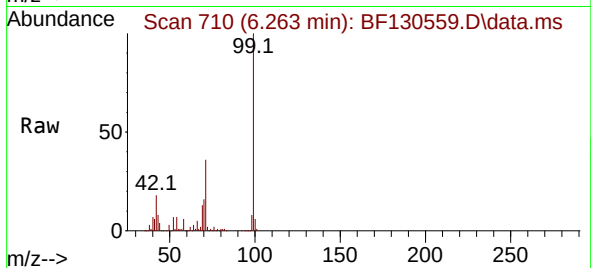
Tgt Ion:112 Resp: 473519
 Ion Ratio Lower Upper
 112 100
 64 57.0 51.4 77.0
 63 31.8 28.8 43.2





#7
Phenol-d6
Concen: 114.391 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

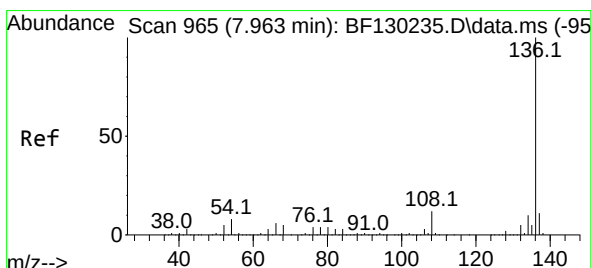
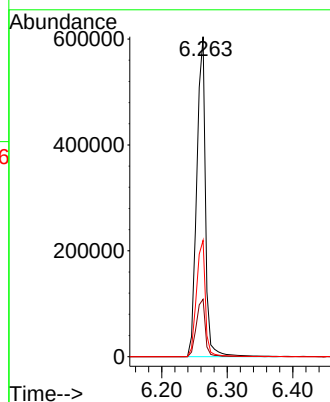
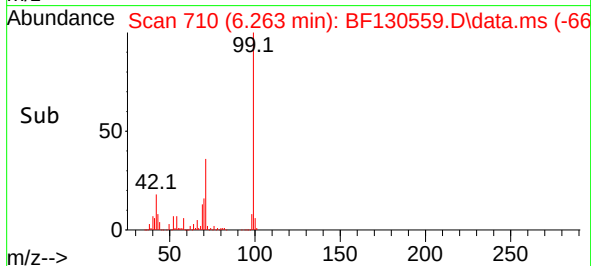
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP



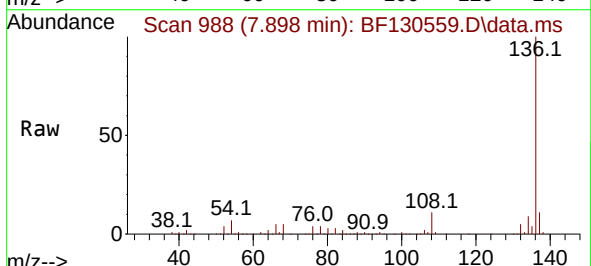
Tgt Ion: 99 Resp: 561270
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 36.4 32.3 48.5

Manual Integrations
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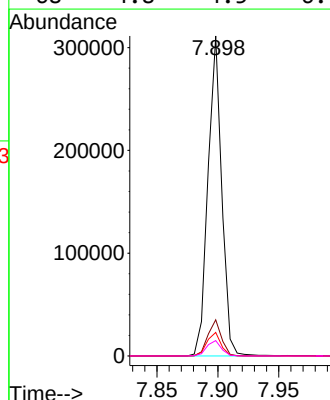
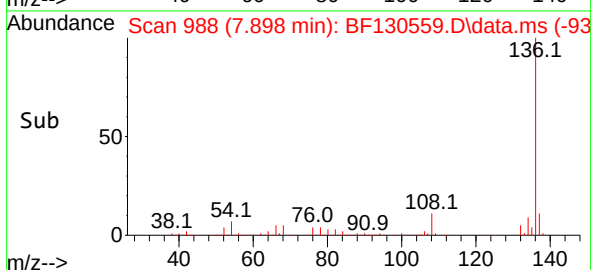
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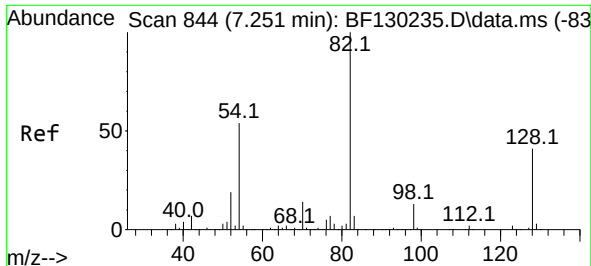


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51



Tgt Ion:136 Resp: 244646
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 7.1 10.7
68 4.8 4.5 6.7





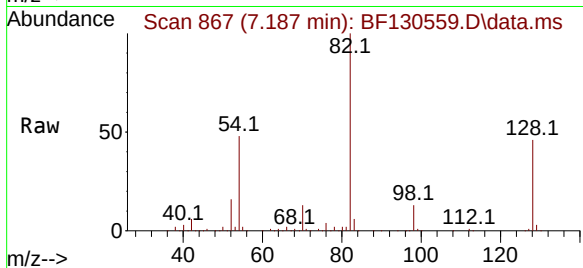
#23
Nitrobenzene-d5
Concen: 75.378 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-10-0-2.0-DUP

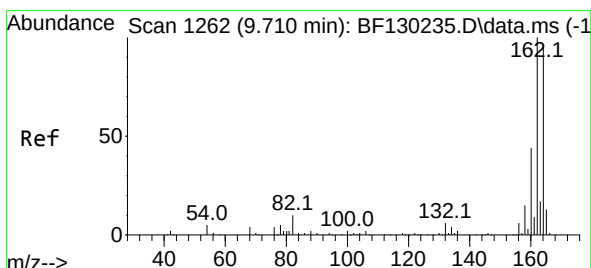
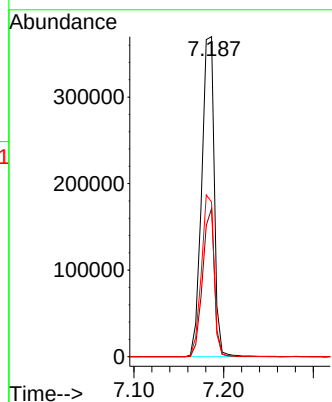
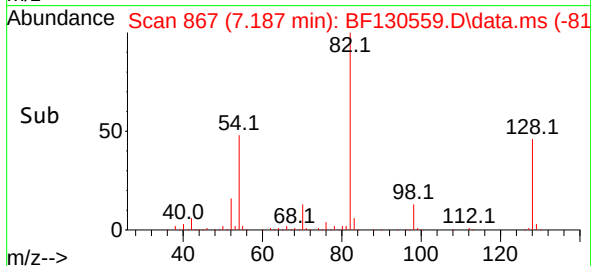


Tgt Ion: 82 Resp: 360960
Ion Ratio Lower Upper
82 100
128 46.3 32.6 49.0
54 48.3 43.8 65.6

Manual Integrations

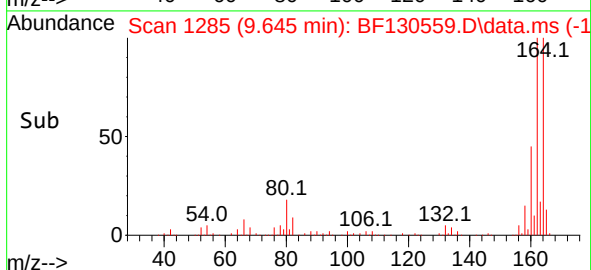
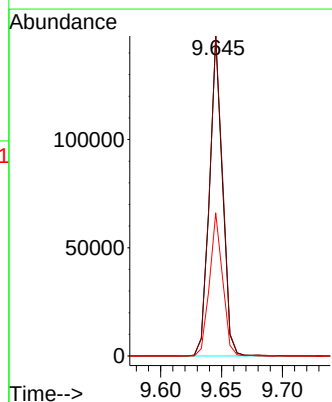
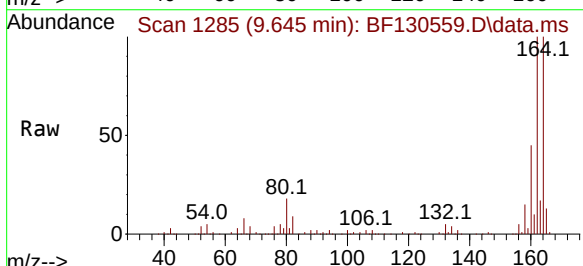
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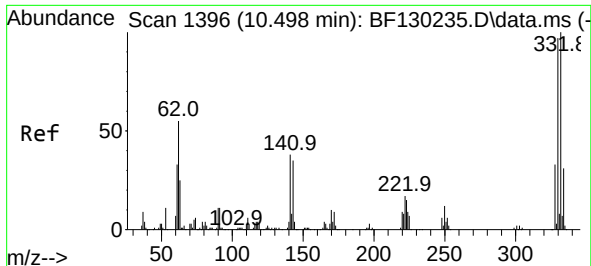
Reviewed By :Christian Giraldo 10/07/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

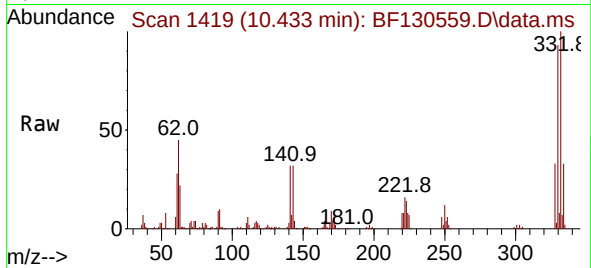
Tgt Ion:164 Resp: 109433
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.7 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 96.634 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

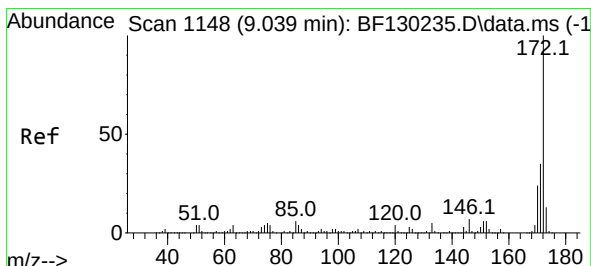
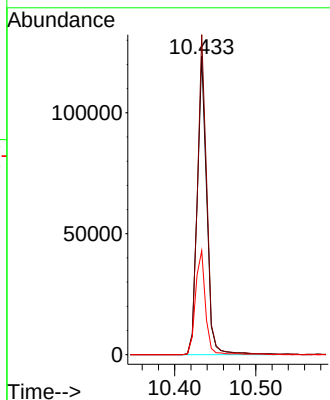
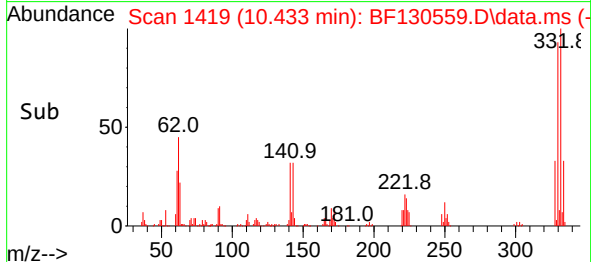
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP



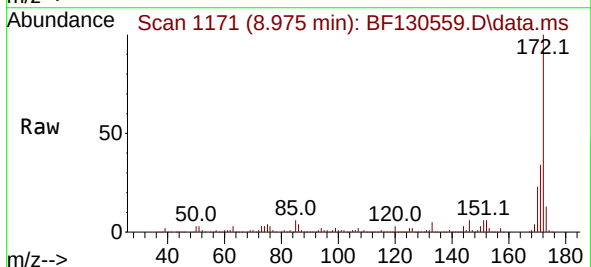
Tgt Ion: 330 Resp: 101328
Ion Ratio Lower Upper
330 100
332 105.0 83.4 125.2
141 36.3 34.0 51.0

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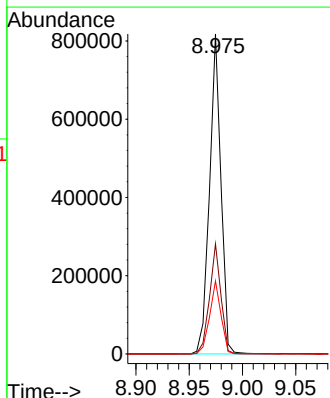
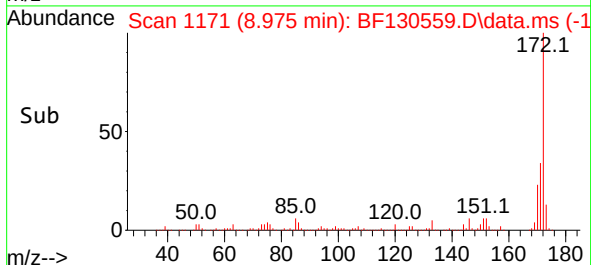
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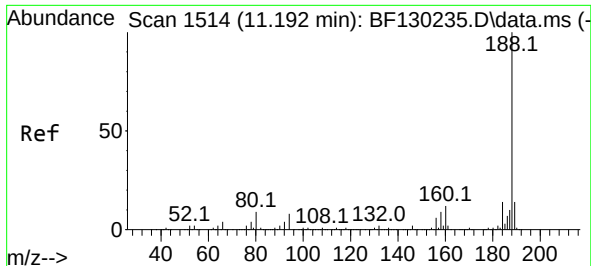


#45
2-Fluorobiphenyl
Concen: 81.362 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51



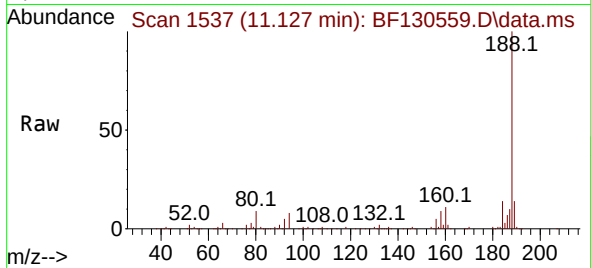
Tgt Ion: 172 Resp: 611434
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

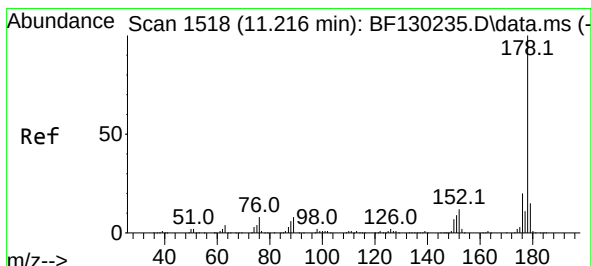
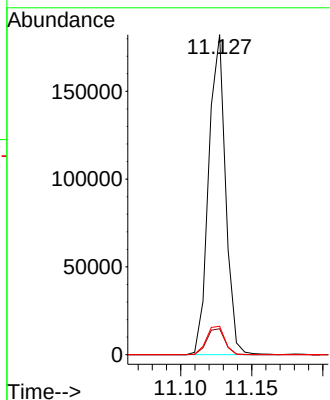
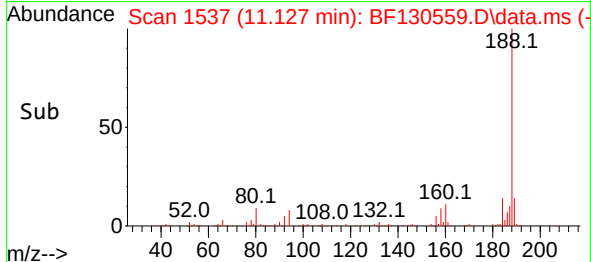
Instrument :
BNA_F
ClientSampleId :
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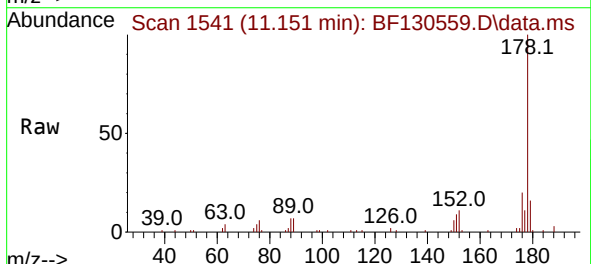
Tgt Ion:188 Resp: 150038
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 7.9 11.9

Manual Integrations
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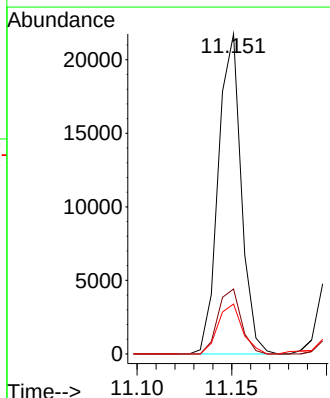
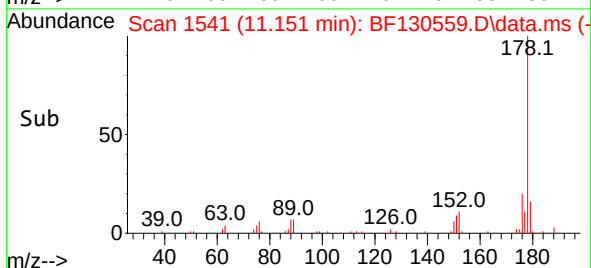
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

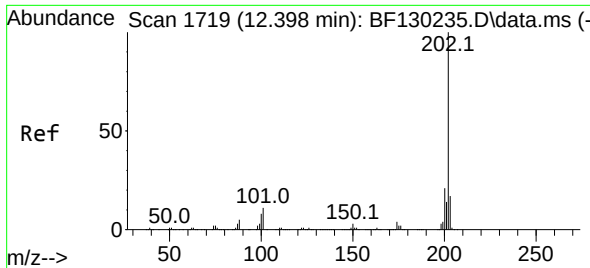


#71
Phenanthrene
Concen: 2.176 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51



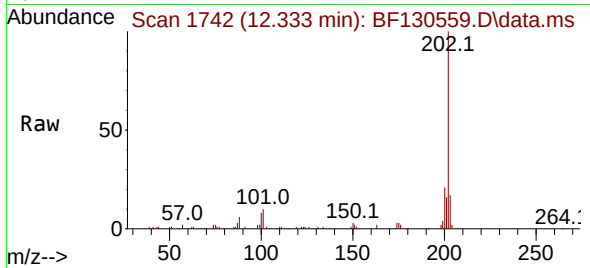
Tgt Ion:178 Resp: 18326
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.6 12.4 18.6





#75
Fluoranthene
Concen: 4.610 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

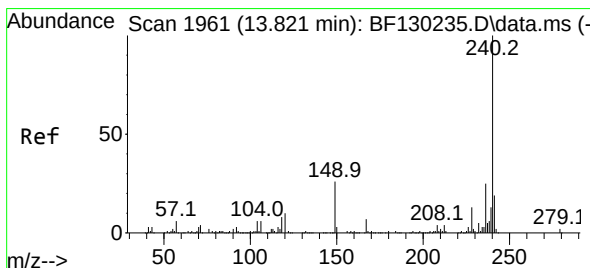
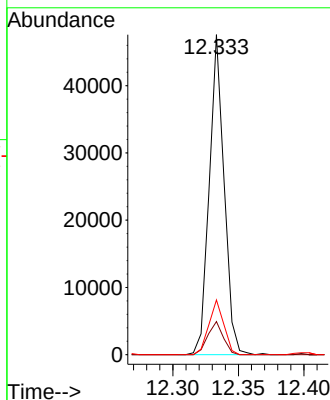
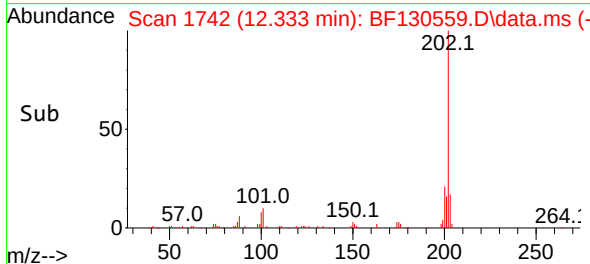
Instrument :
BNA_F
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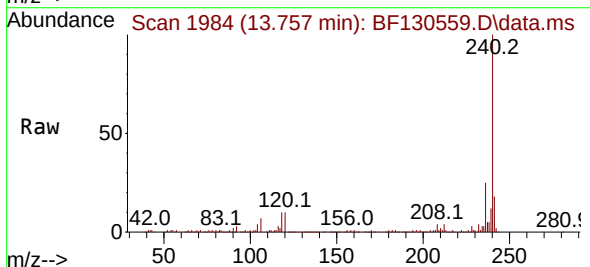
Tgt Ion:202 Resp: 37520
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.1 0.0 37.8

Manual Integrations
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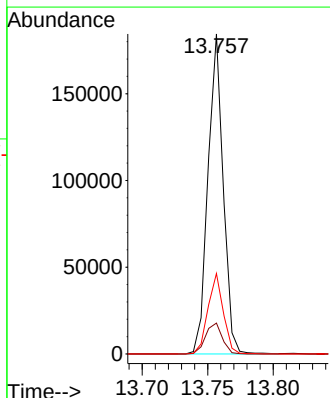
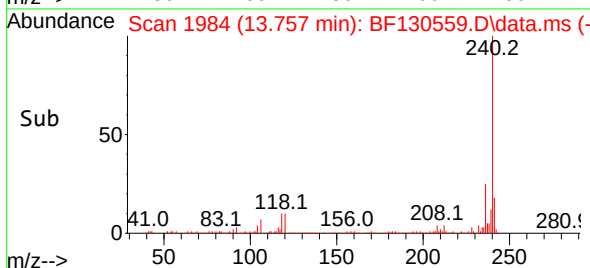
Reviewed By :Christian Giraldo 10/07/2022
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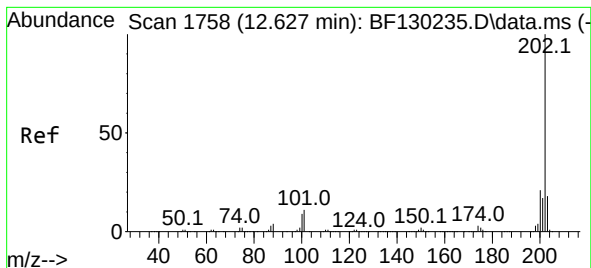


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51



Tgt Ion:240 Resp: 149359
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 25.2 20.9 31.3





#78

Pyrene

Concen: 2.625 ng

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-10-0-2.0-DUP

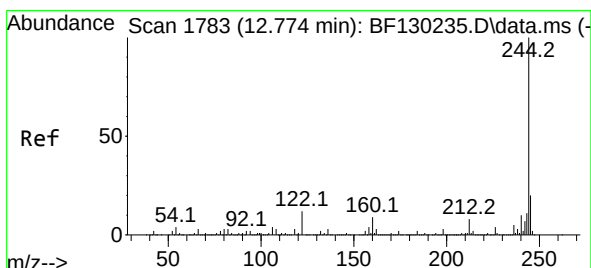
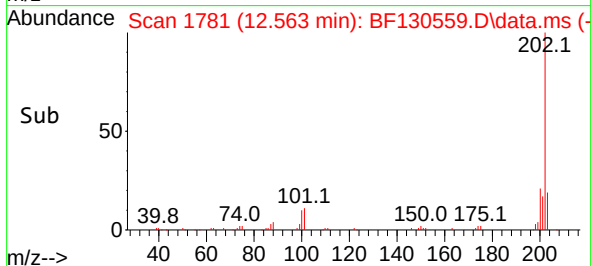
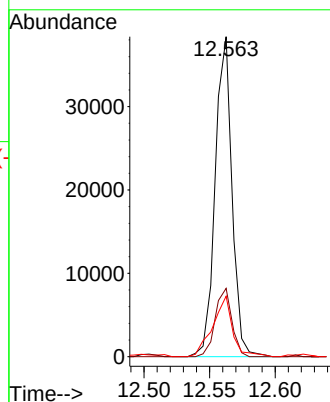
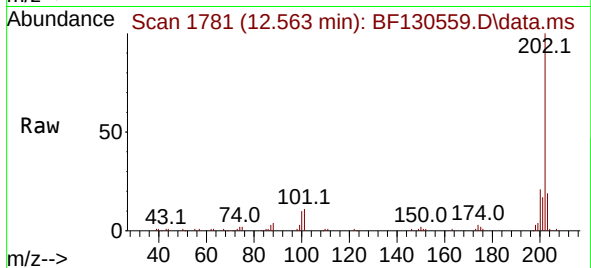
Tgt Ion:	202	Resp:	3429
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	18.9	14.3	21.5

Manual Integrations

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#79

Terphenyl-d14

Concen: 52.120 ng

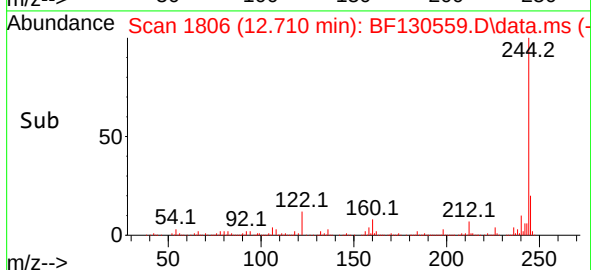
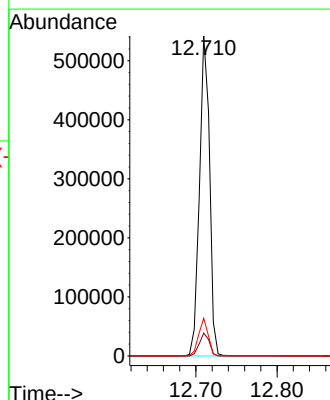
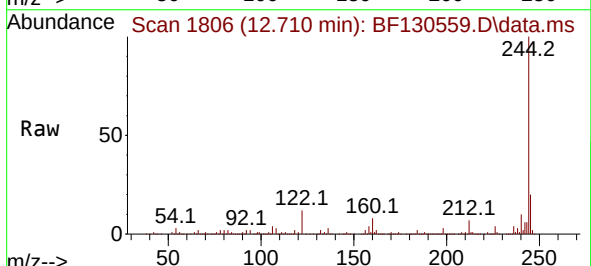
RT: 12.710 min Scan# 1806

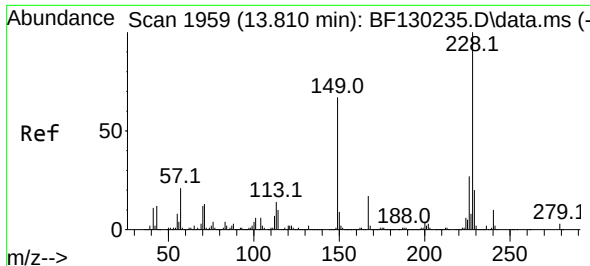
Delta R.T. -0.006 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

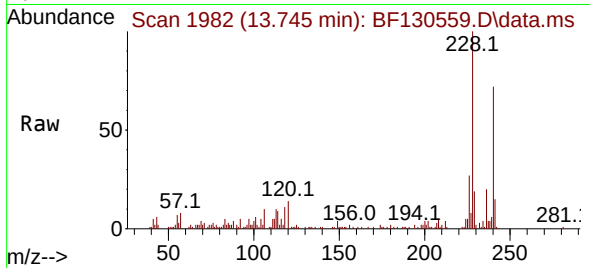
Tgt Ion:	244	Resp:	469944
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.9	8.9
122	11.8	8.5	12.7





#81
Benzo(a)anthracene
Concen: 2.622 ng
RT: 13.745 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

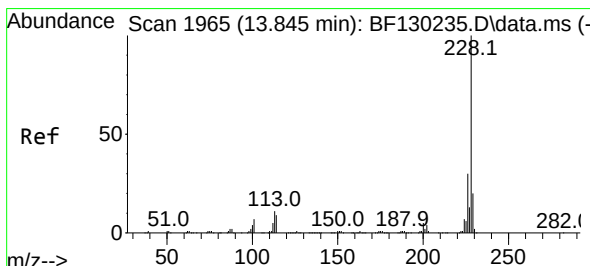
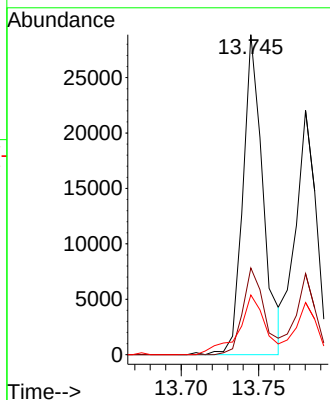
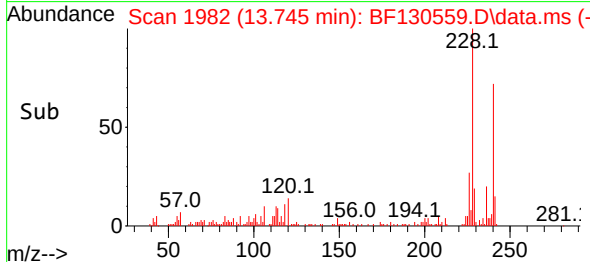
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP



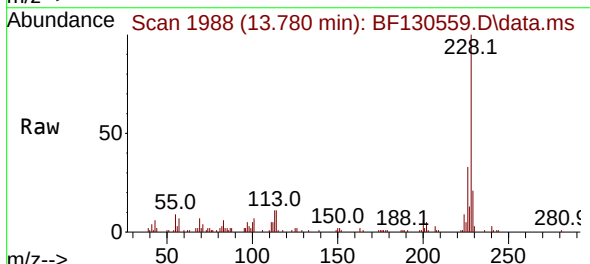
Tgt Ion:228 Resp: 26049
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 18.6 16.1 24.1

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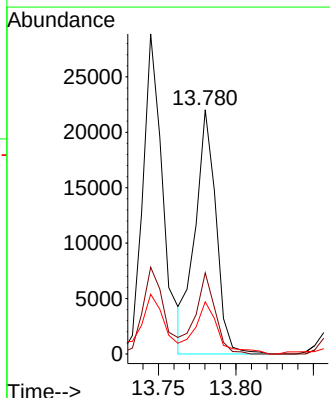
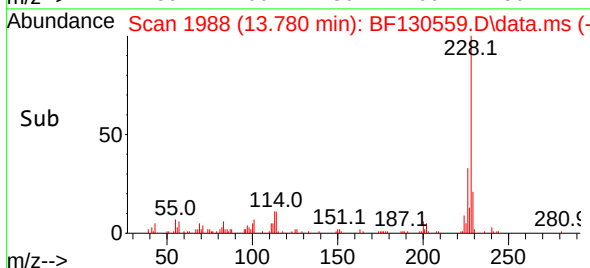
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

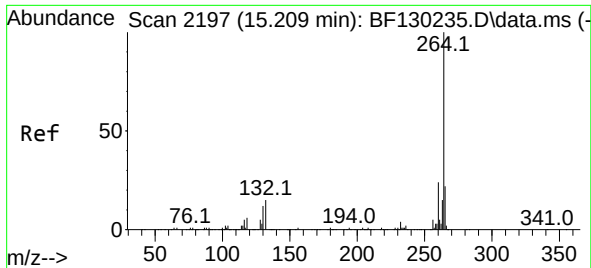


#83
Chrysene
Concen: 2.199 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51



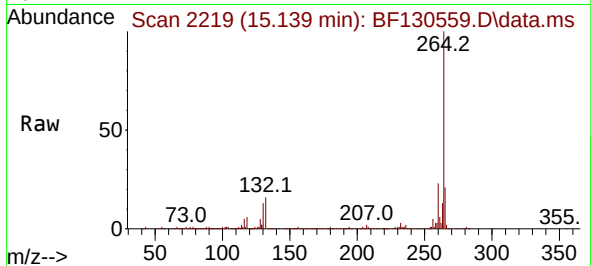
Tgt Ion:228 Resp: 20749
Ion Ratio Lower Upper
228 100
226 33.3 23.8 35.8
229 21.4 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51

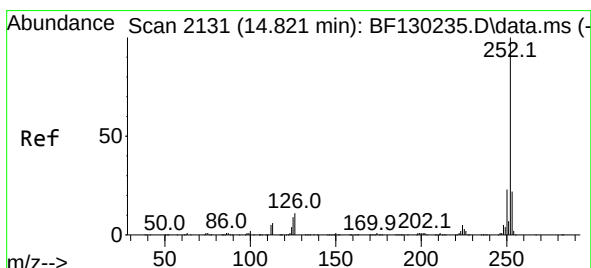
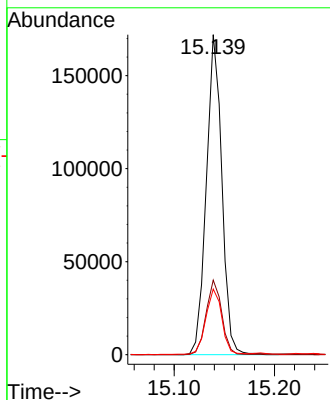
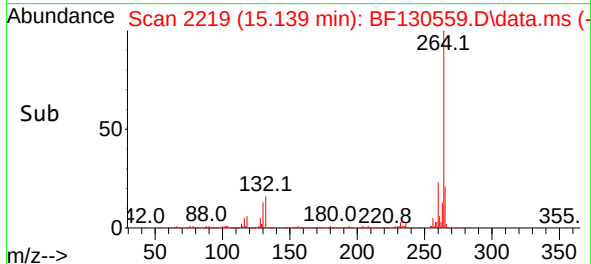
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0-DUP



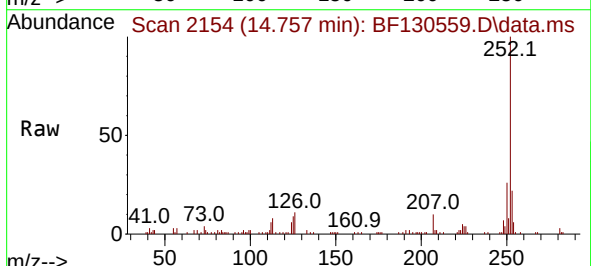
Tgt Ion:264 Resp: 18546
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.5 17.0 25.4

Manual Integrations
 APPROVED

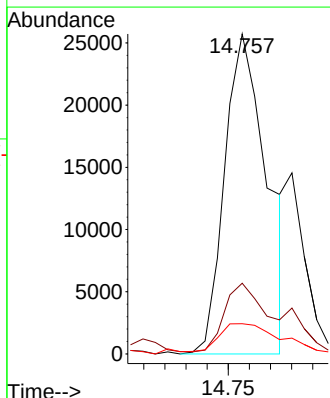
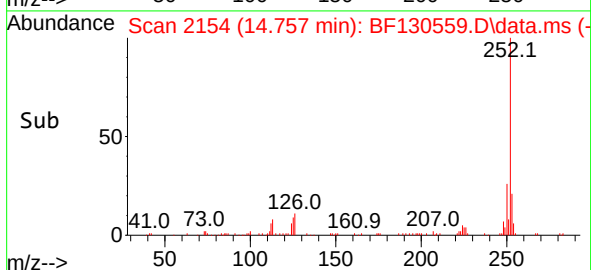
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

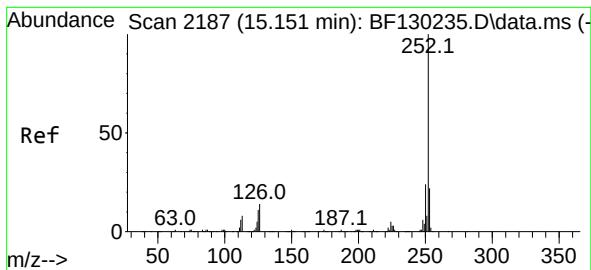


#88
 Benzo(b)fluoranthene
 Concen: 2.962 ng m
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51



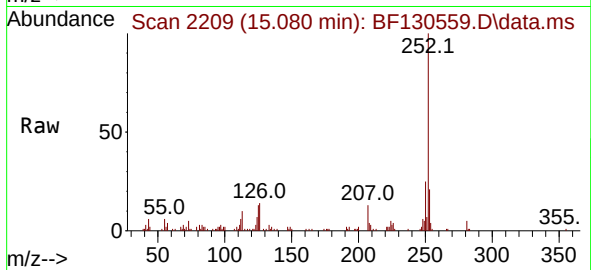
Tgt Ion:252 Resp: 35851
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.5 8.1 12.1





#90
Benzo(a)pyrene
Concen: 2.502 ng
RT: 15.080 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP



Tgt Ion:252 Resp: 2399
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 13.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

