

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128207.D
 Acq On : 11 May 2022 21:14
 Operator : CG\JU
 Sample : N2776-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-10-15

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2022
 Supervised By : Jagrut Upadhyay 05/12/2022

Quant Time: May 12 06:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	76835	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295888	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155742	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	248813	20.000	ng	0.00
76) Chrysene-d12	14.068	240	162533	20.000	ng	-0.01
86) Perylene-d12	15.568	264	156078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	496613	103.035	ng	0.00
7) Phenol-d6	6.522	99	649105	101.820	ng	0.00
23) Nitrobenzene-d5	7.457	82	465199	70.744	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	165025	92.390	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	714227	71.756	ng	0.00
79) Terphenyl-d14	13.010	244	588529	67.945	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.445	178	32741	2.643	ng	97
75) Fluoranthene	12.639	202	58198	4.333	ng	94
78) Pyrene	12.869	202	50742	4.306	ng	99
81) Benzo(a)anthracene	14.057	228	27654	2.664	ng	96
88) Benzo(b)fluoranthene	15.121	252	31425m	3.248	ng	
90) Benzo(a)pyrene	15.498	252	21627	2.769	ng	95

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

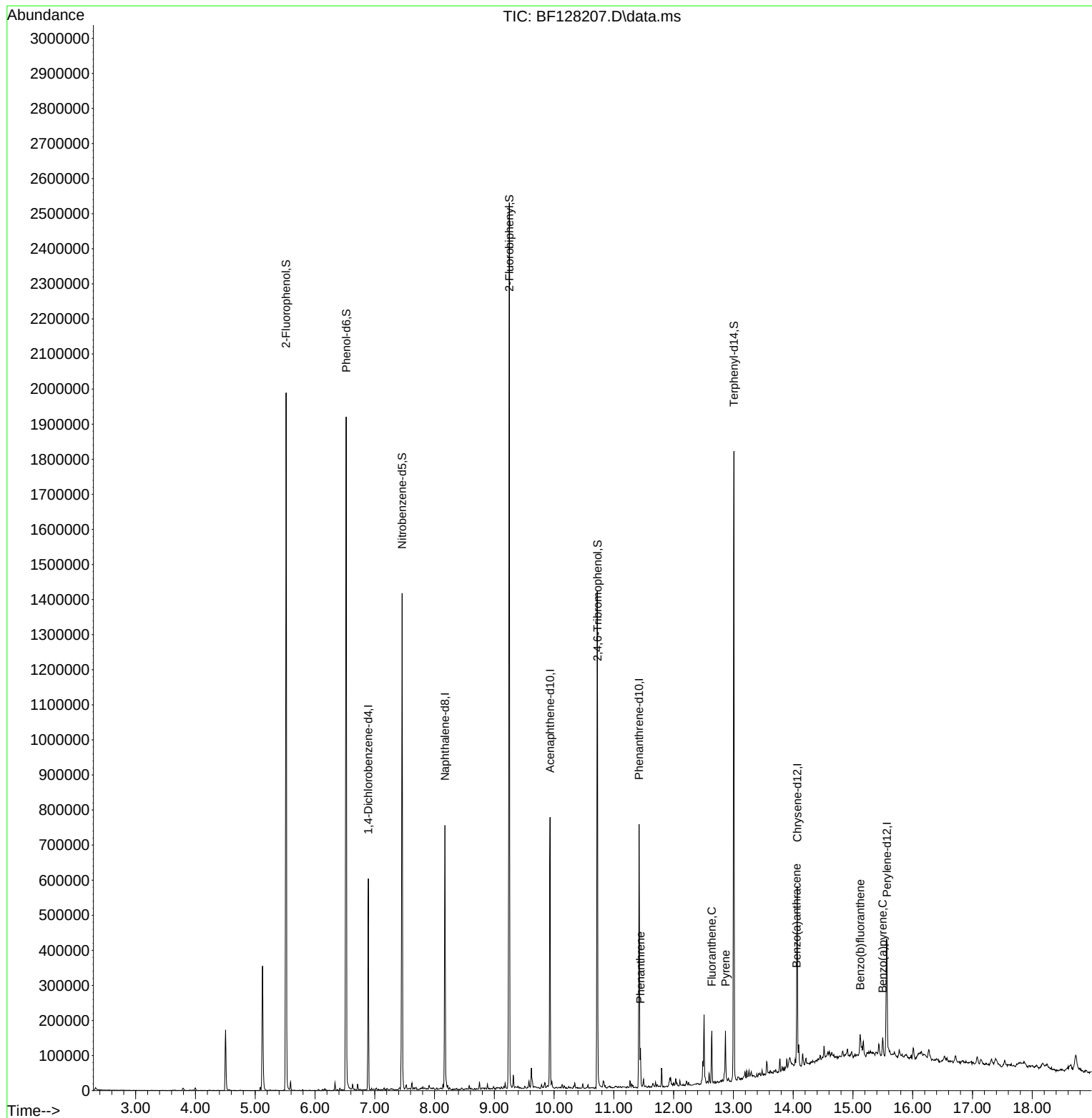
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128207.D
Acq On : 11 May 2022 21:14
Operator : CG\JU
Sample : N2776-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

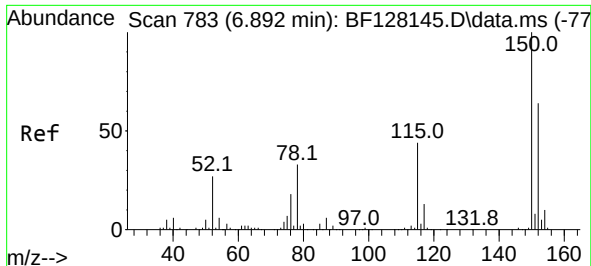
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/12/2022

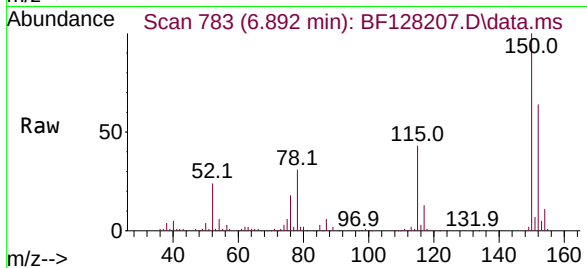
Quant Time: May 12 06:01:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

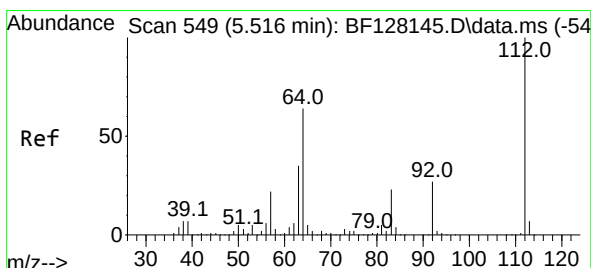
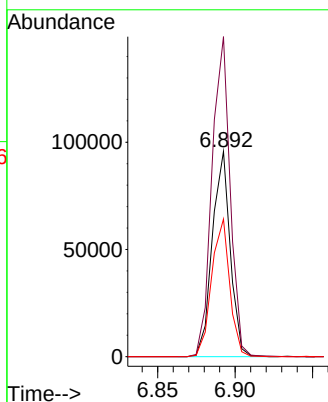
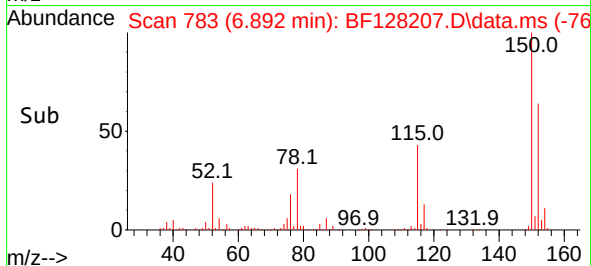
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15



Tgt Ion:152 Resp: 76835
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 67.0 48.8 73.2

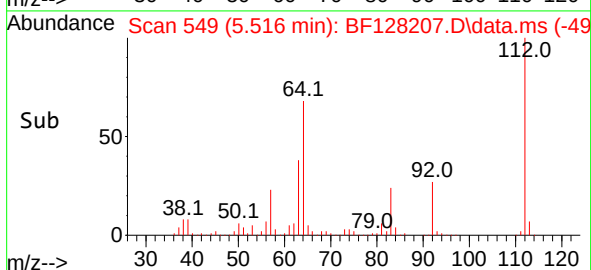
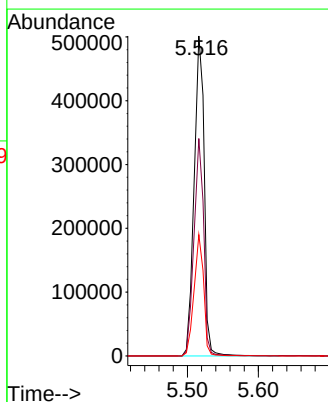
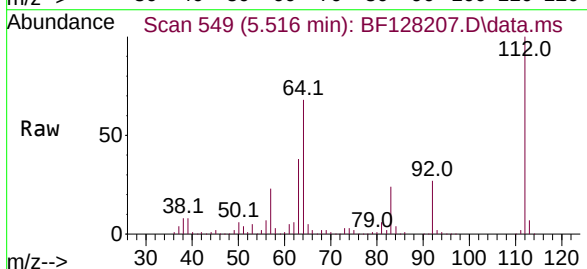
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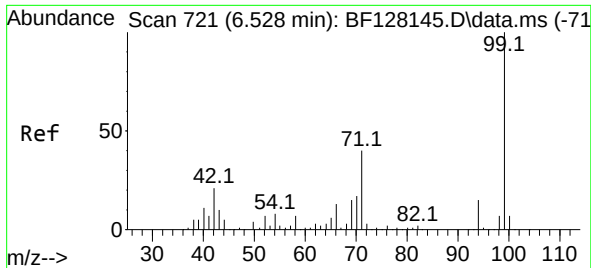
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#5
2-Fluorophenol
Concen: 103.035 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

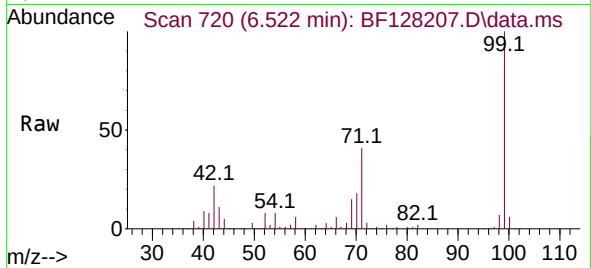
Tgt Ion:112 Resp: 496613
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.9 26.3 39.5





#7
Phenol-d6
Concen: 101.820 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

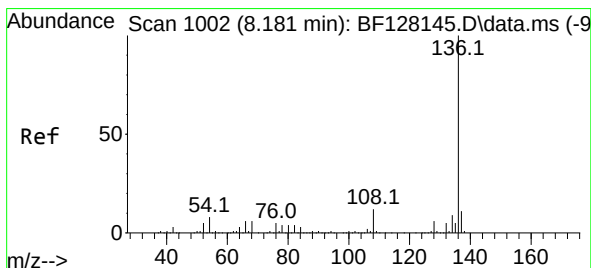
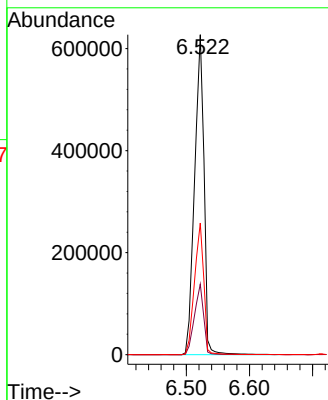
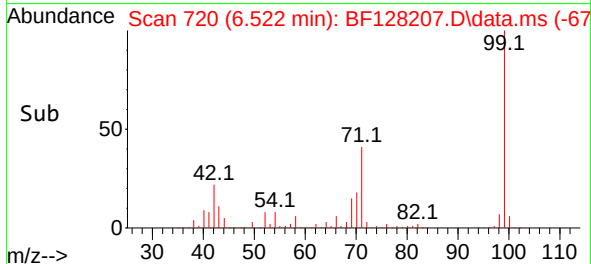
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15



Tgt Ion: 99 Resp: 64910
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.2 30.0 45.0

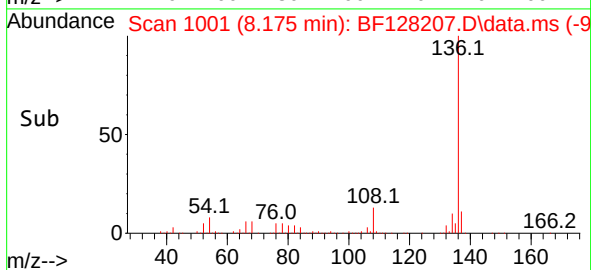
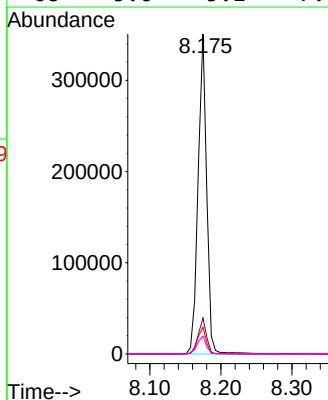
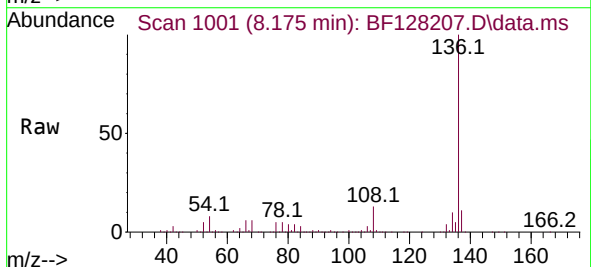
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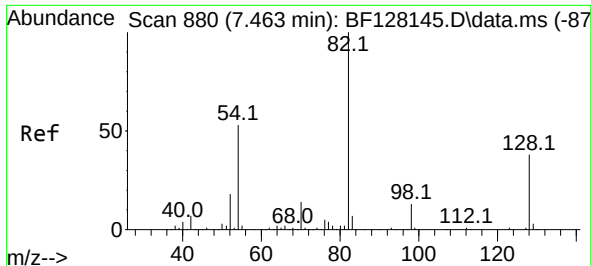
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

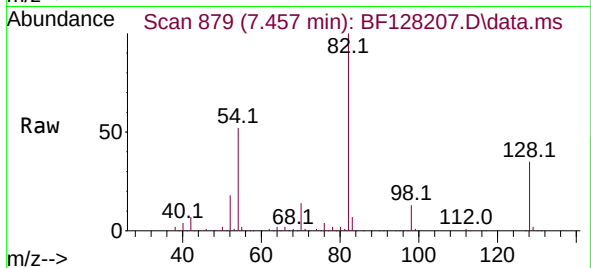
Tgt Ion:136 Resp: 295888
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 6.8 10.2
68 5.6 5.1 7.7





#23
Nitrobenzene-d5
Concen: 70.744 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

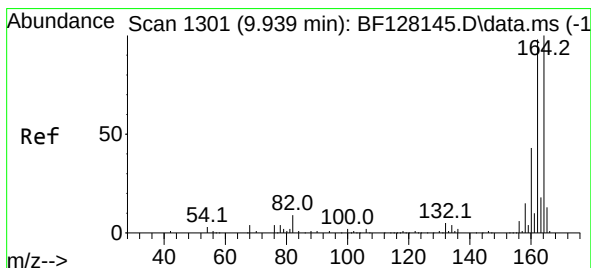
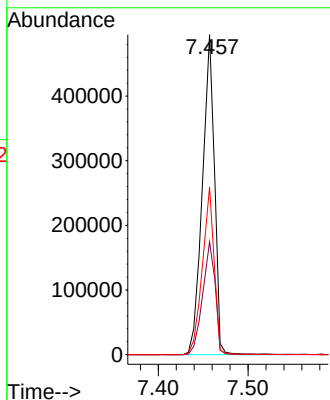
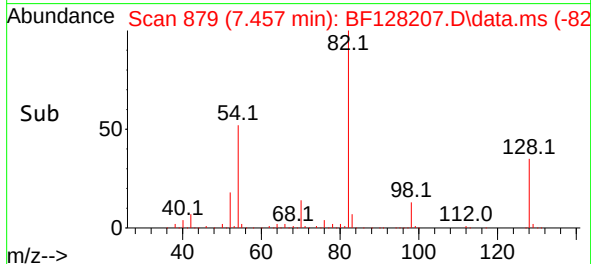
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15



Tgt Ion: 82 Resp: 465199
Ion Ratio Lower Upper
82 100
128 35.3 30.0 45.0
54 52.4 41.3 61.9

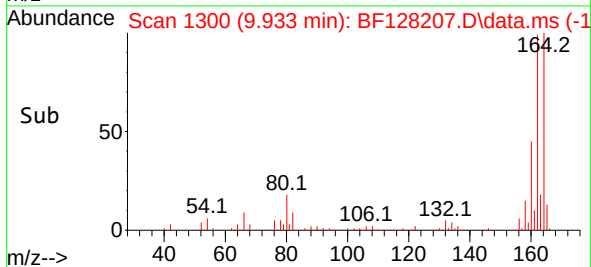
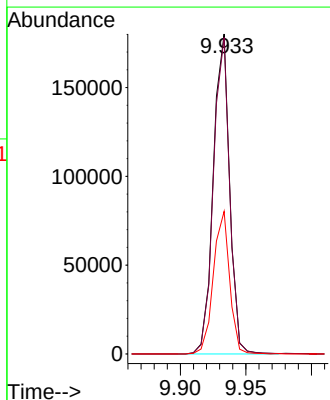
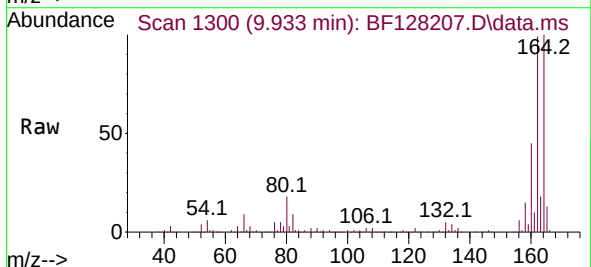
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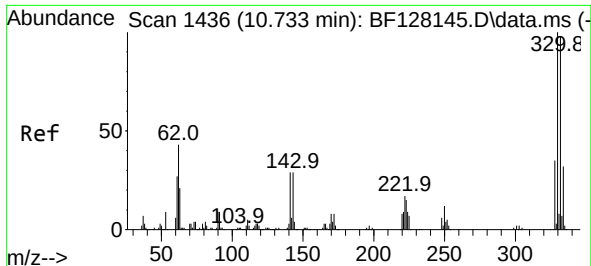
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

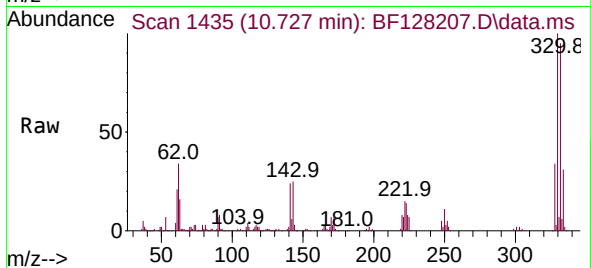
Tgt Ion:164 Resp: 155742
Ion Ratio Lower Upper
164 100
162 98.9 76.0 114.0
160 44.5 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 92.390 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

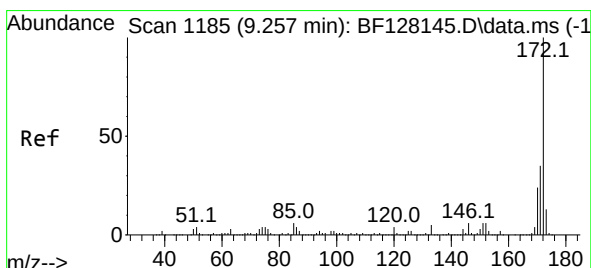
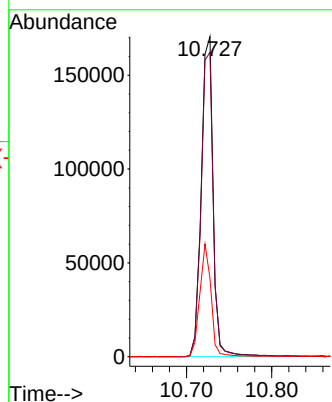
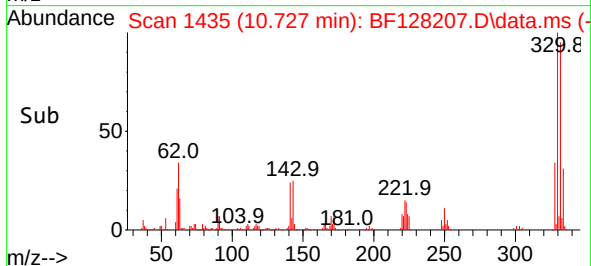
Instrument :
BNA_F
ClientSampleId :
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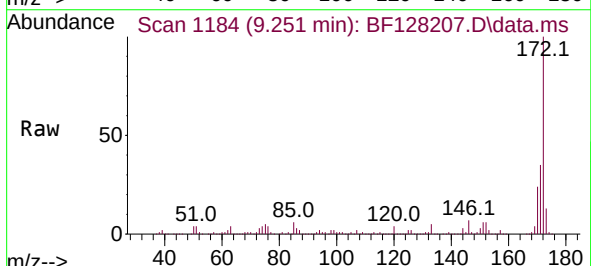
Tgt Ion: 330 Resp: 165029
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 33.5 28.9 43.3

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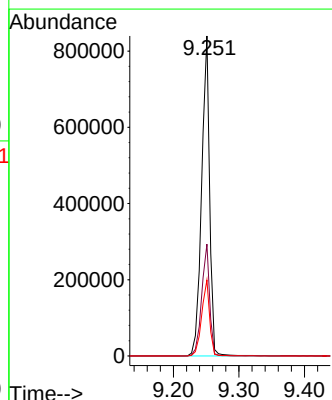
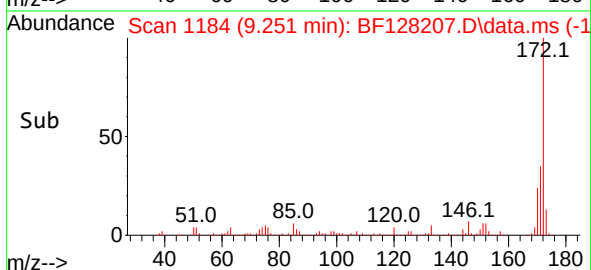
Reviewed By : Christian Giraldo 05/12/2022
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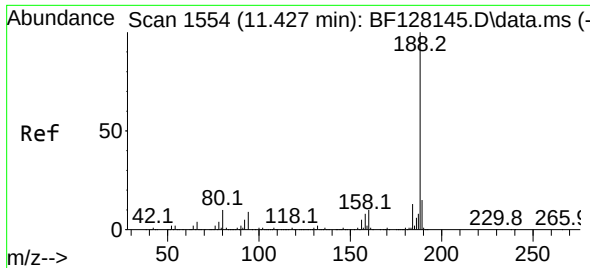


#45
2-Fluorobiphenyl
Concen: 71.756 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14



Tgt Ion: 172 Resp: 714227
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.1 28.7





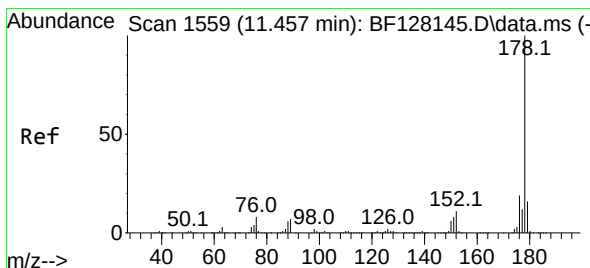
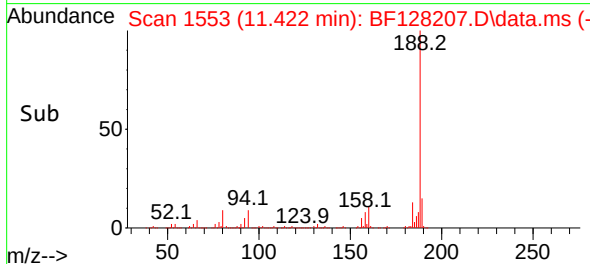
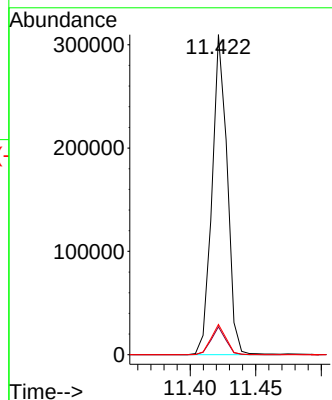
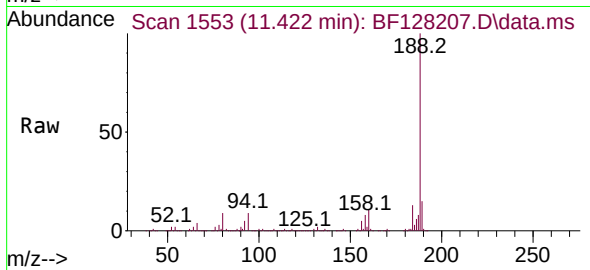
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

Tgt Ion:188 Resp: 24881
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.4 8.9 13.3

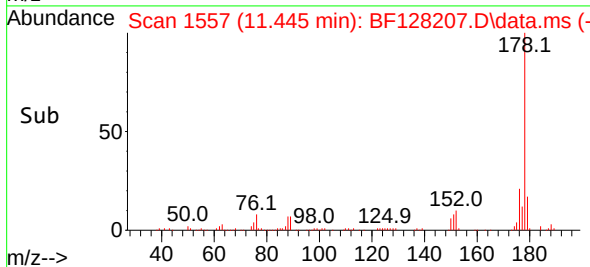
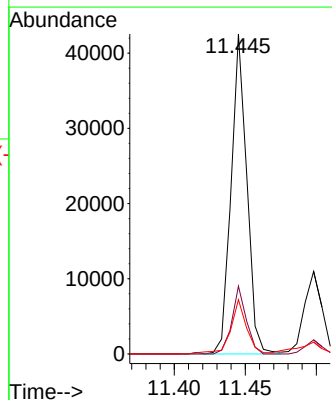
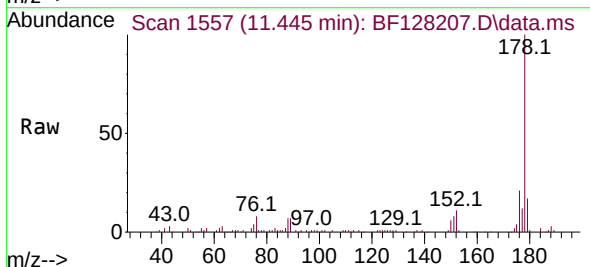
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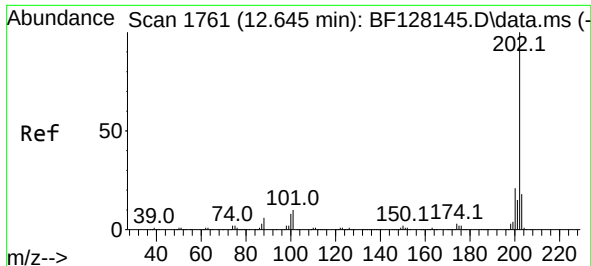
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#71
Phenanthrene
Concen: 2.643 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

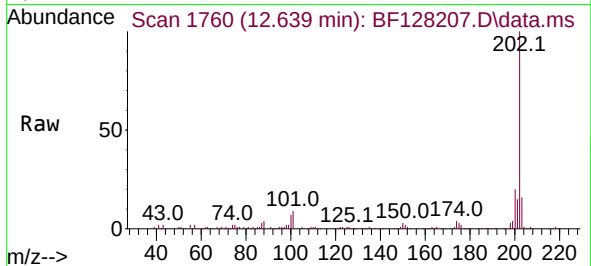
Tgt Ion:178 Resp: 32741
Ion Ratio Lower Upper
178 100
176 21.2 15.7 23.5
179 17.0 12.6 19.0





#75
Fluoranthene
Concen: 4.333 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

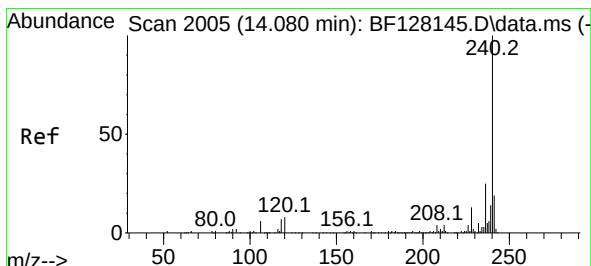
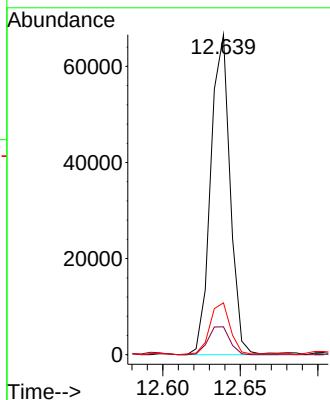
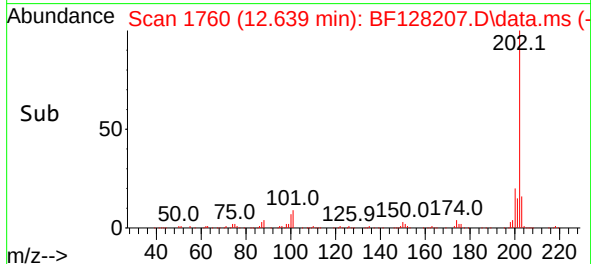
Instrument :
BNA_F
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CF-280MER-10-15



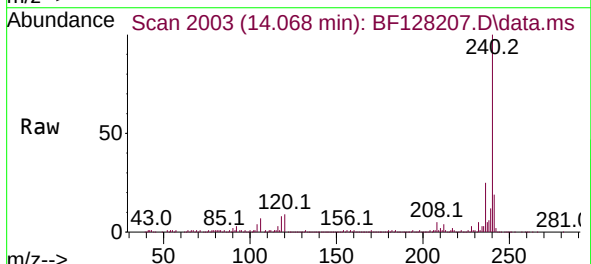
Tgt Ion:202 Resp: 58198
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.6
203 16.2 0.0 38.1

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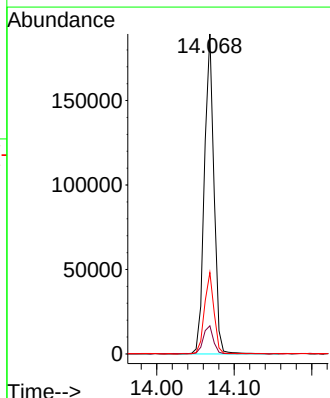
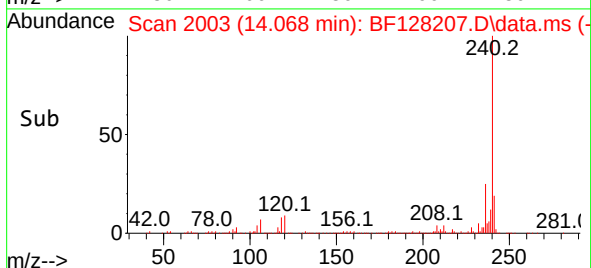
Reviewed By :Christian Giraldo 05/12/2022
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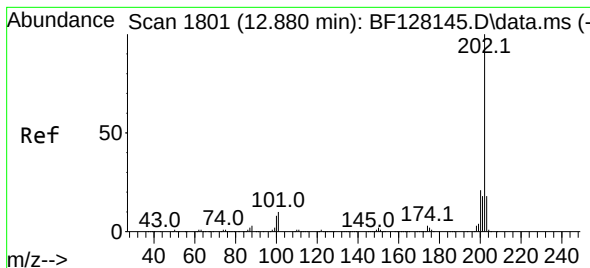


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14



Tgt Ion:240 Resp: 162533
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.5 20.3 30.5





#78

Pyrene

Concen: 4.306 ng

RT: 12.869 min Scan# 1799

Delta R.T. -0.012 min

Lab File: BF128207.D

Acq: 11 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

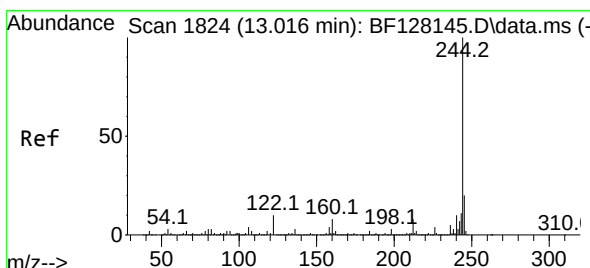
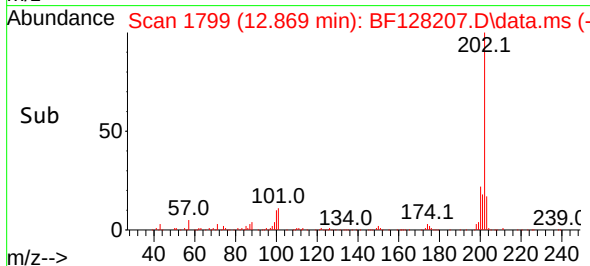
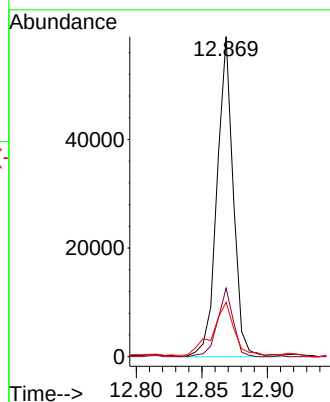
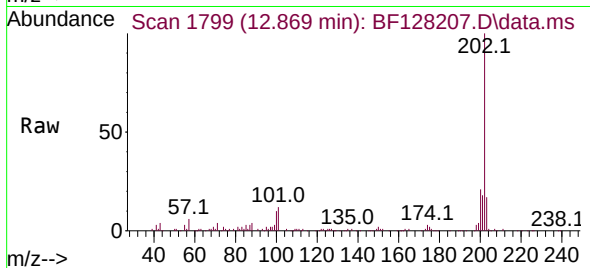
CF-280MER-10-15

Tgt Ion:	202	Resp:	5074
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.0	14.0	21.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/12/2022



#79

Terphenyl-d14

Concen: 67.945 ng

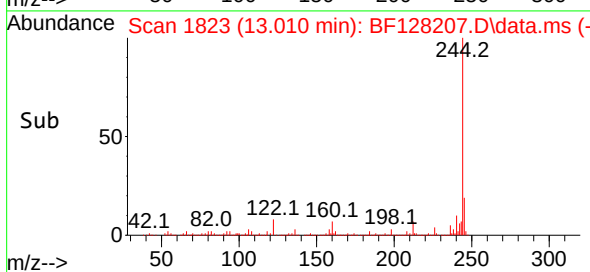
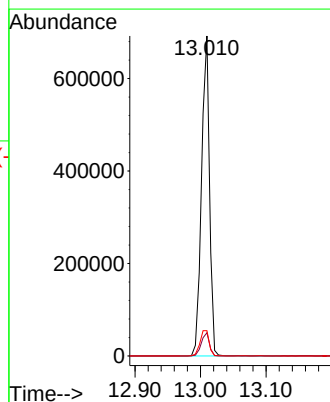
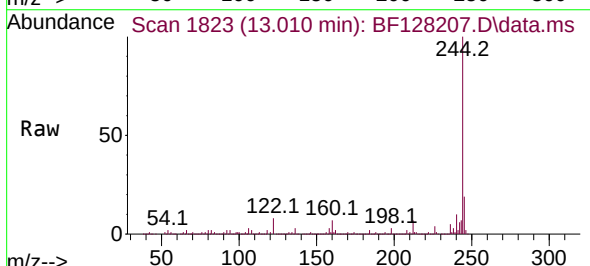
RT: 13.010 min Scan# 1823

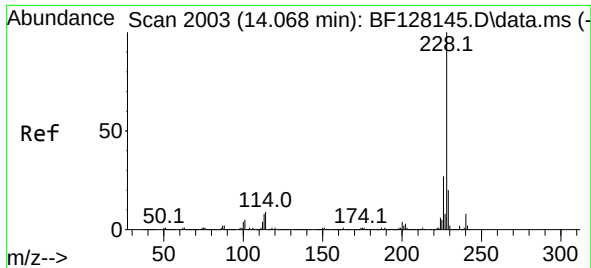
Delta R.T. -0.006 min

Lab File: BF128207.D

Acq: 11 May 2022 21:14

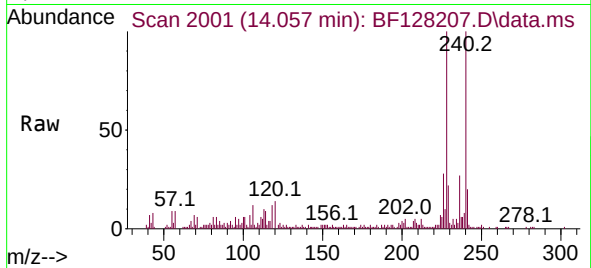
Tgt Ion:	244	Resp:	588529
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.4
122	7.9	8.6	12.8





#81
Benzo(a)anthracene
Concen: 2.664 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

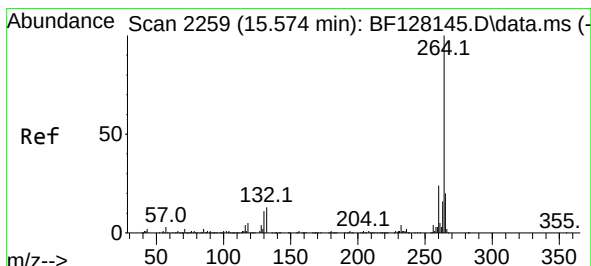
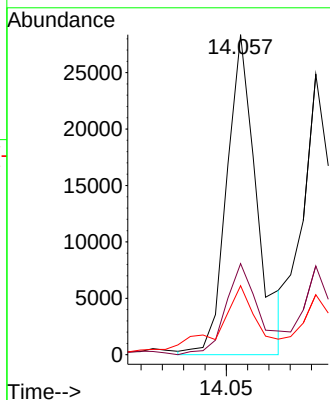
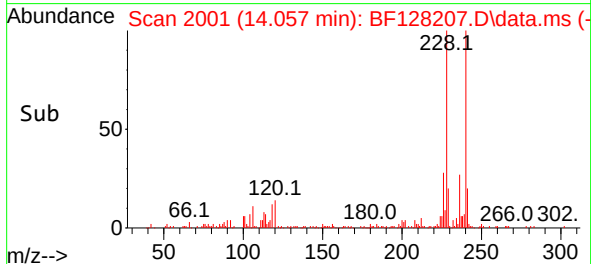
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15



Tgt Ion:228 Resp: 27654
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 21.5 15.4 23.2

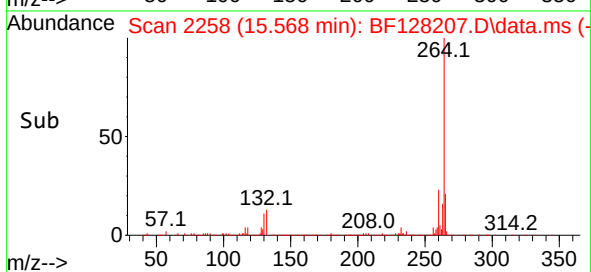
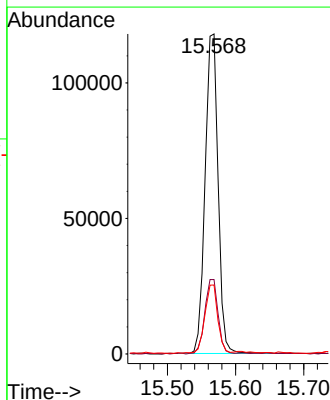
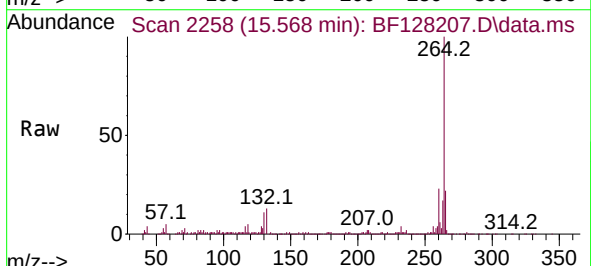
Manual Integrations
APPROVED

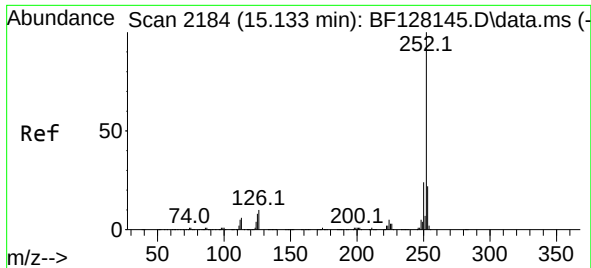
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

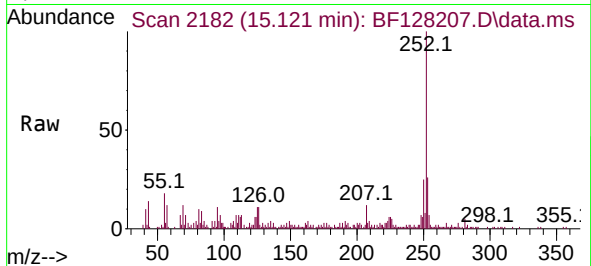
Tgt Ion:264 Resp: 156078
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 21.6 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 3.248 ng m
RT: 15.121 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

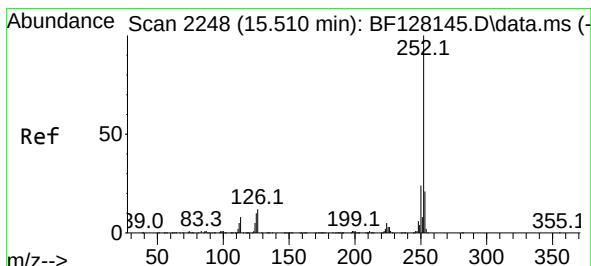
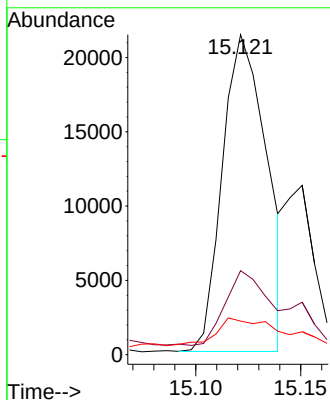
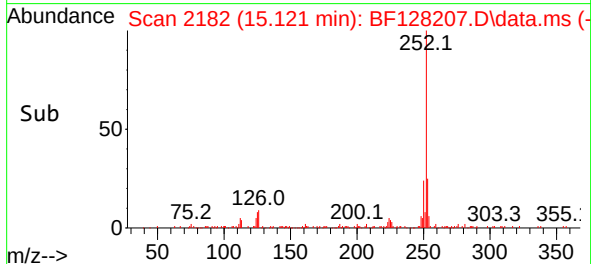
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15



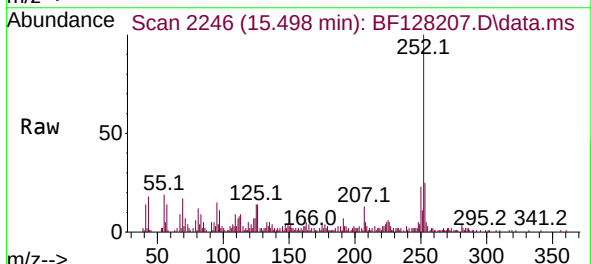
Tgt Ion:252 Resp: 3142
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2
125 10.5 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022



#90
Benzo(a)pyrene
Concen: 2.769 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14



Tgt Ion:252 Resp: 21627
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 13.5 9.2 13.8

