

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127628.D
 Acq On : 01 Apr 2022 22:54
 Operator : CG\JU
 Sample : N2217-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/04/2022
 Supervised By : Jagrut Upadhyay 04/04/2022

Quant Time: Apr 01 23:55:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107699	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	408440	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	236371	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	419913	20.000	ng	0.00
76) Chrysene-d12	14.016	240	244469	20.000	ng	0.00
86) Perylene-d12	15.498	264	210881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	534364	79.199	ng	0.00
7) Phenol-d6	6.475	99	736969	79.907	ng	0.00
23) Nitrobenzene-d5	7.398	82	493146	51.611	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	172318	68.436	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	791459	48.894	ng	0.00
79) Terphenyl-d14	12.945	244	784221	52.513	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	82159	3.412	ng	98
78) Pyrene	12.816	202	77623	3.700	ng	99
81) Benzo(a)anthracene	14.004	228	43562	2.665	ng	97
83) Chrysene	14.045	228	40292	2.603	ng	95
88) Benzo(b)fluoranthene	15.069	252	49064m	3.690	ng	
90) Benzo(a)pyrene	15.445	252	37120	3.402	ng	# 95

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

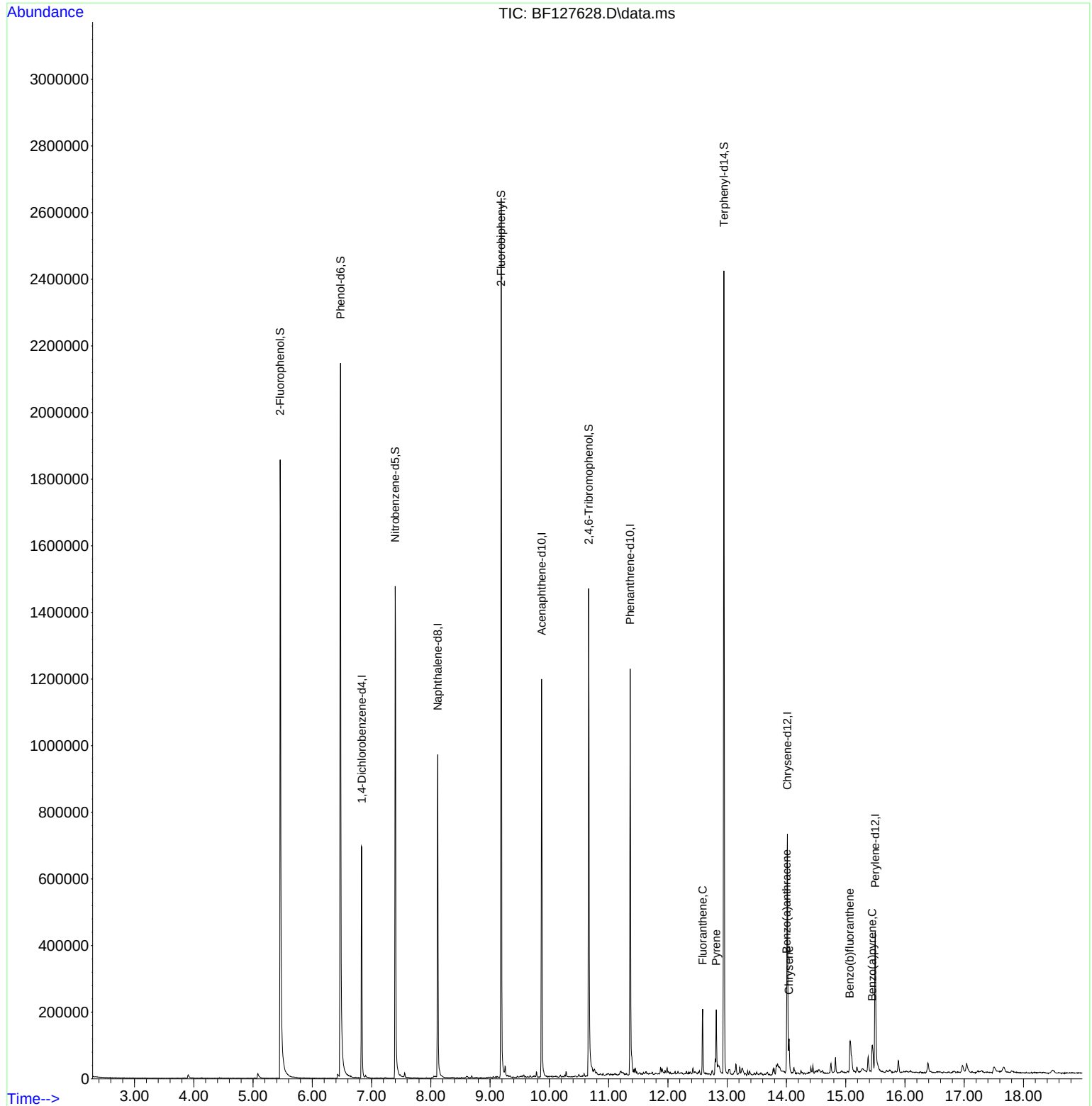
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127628.D
Acq On : 01 Apr 2022 22:54
Operator : CG\JU
Sample : N2217-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

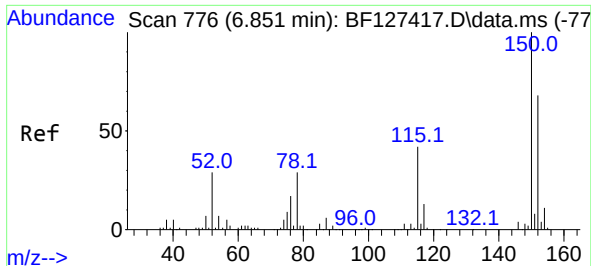
Instrument :
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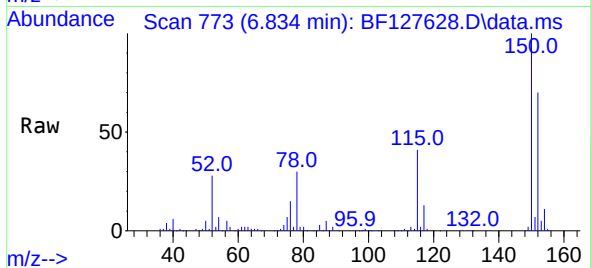
Quant Time: Apr 01 23:55:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

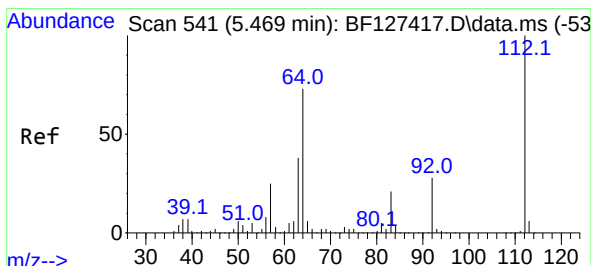
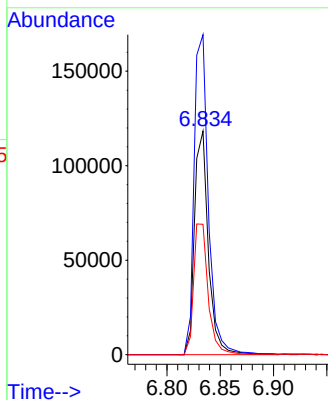
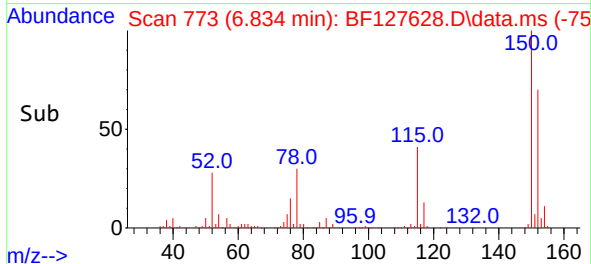
Instrument :
BNA_F
ClientSampleId :
SB-1S



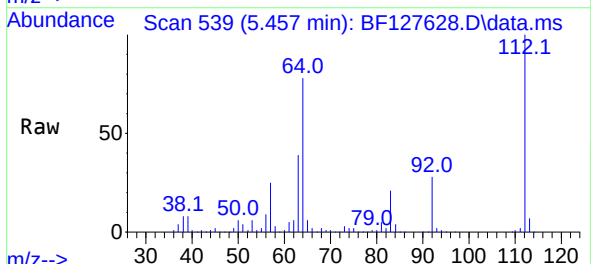
Tgt Ion:152 Resp: 107699
Ion Ratio Lower Upper
152 100
150 143.2 117.2 175.8
115 58.4 49.8 74.6

Manual Integrations
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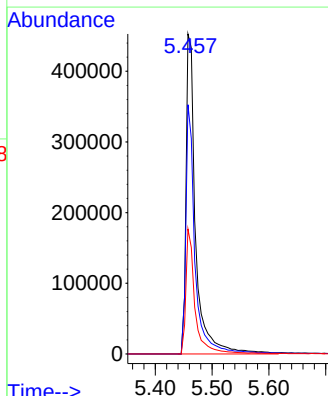
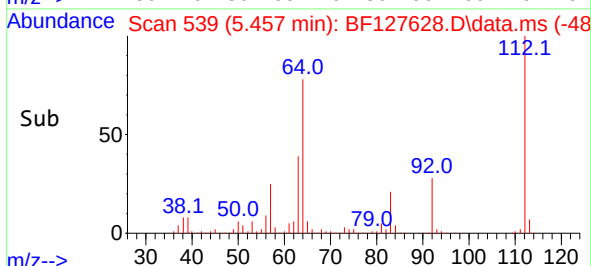
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

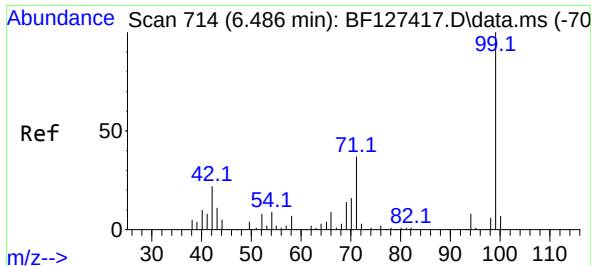


#5
2-Fluorophenol
Concen: 79.199 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



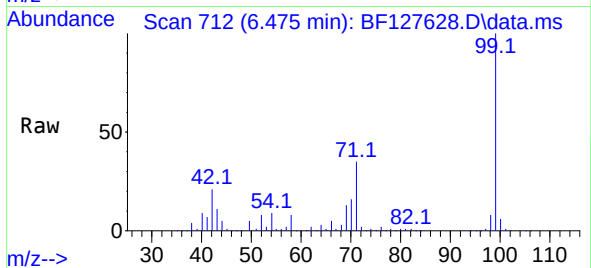
Tgt Ion:112 Resp: 534364
Ion Ratio Lower Upper
112 100
64 77.9 58.4 87.6
63 39.1 30.1 45.1





#7
Phenol-d6
Concen: 79.907 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

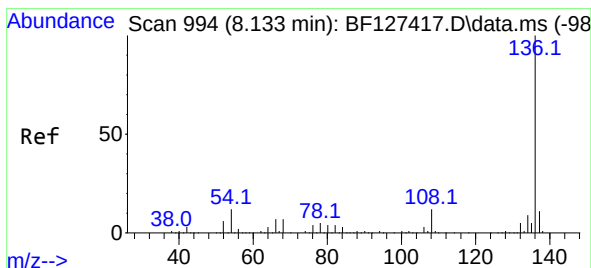
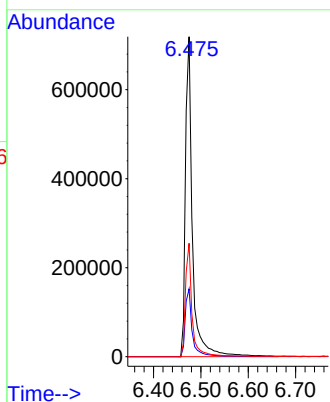
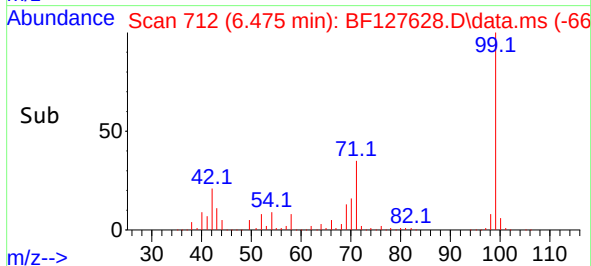
Instrument :
BNA_F
ClientSampleId :
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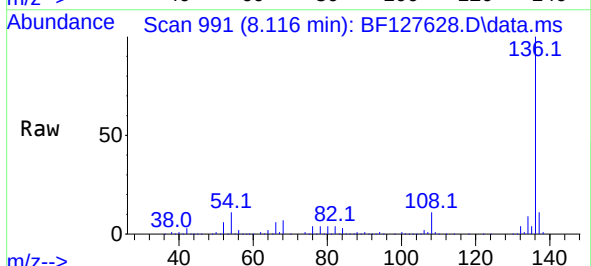
Tgt Ion: 99 Resp: 736969
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 35.5 29.6 44.4

Manual Integrations
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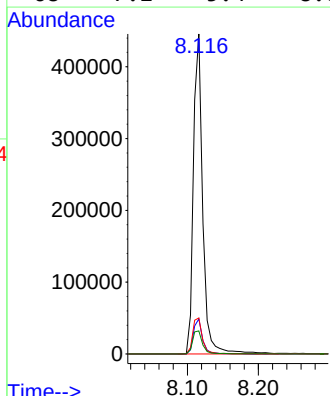
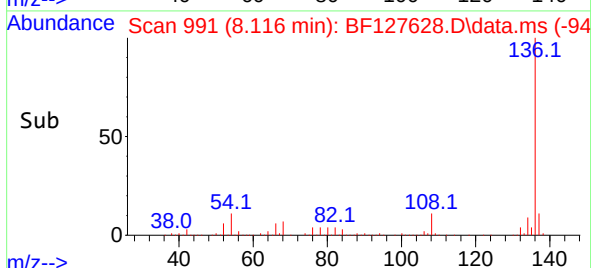
Reviewed By :Christian Giraldo 04/04/2022
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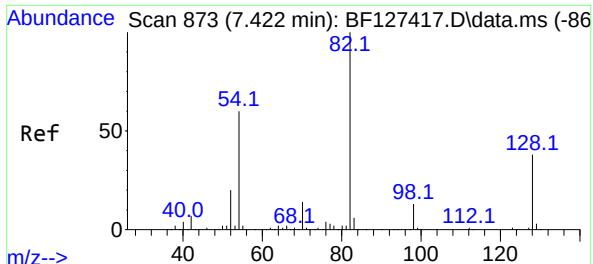


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



Tgt Ion:136 Resp: 408440
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.3 9.2 13.8
68 7.2 5.4 8.0





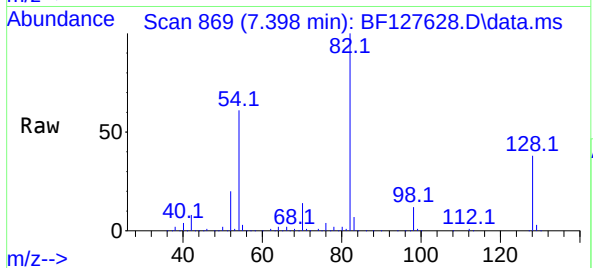
#23
Nitrobenzene-d5
Concen: 51.611 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

Instrument :

BNA_F

ClientSampleId :

SB-1S

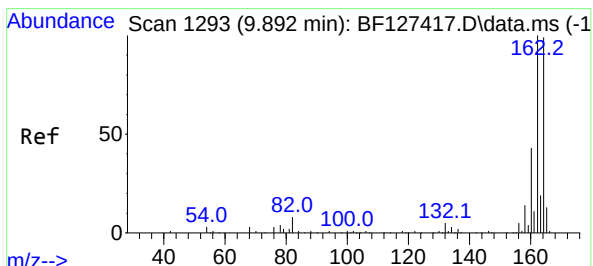
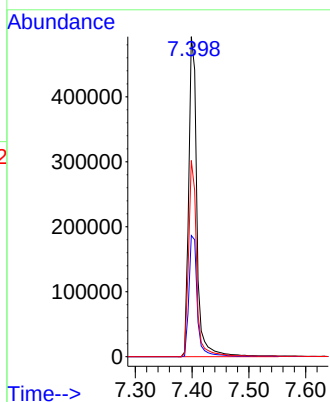
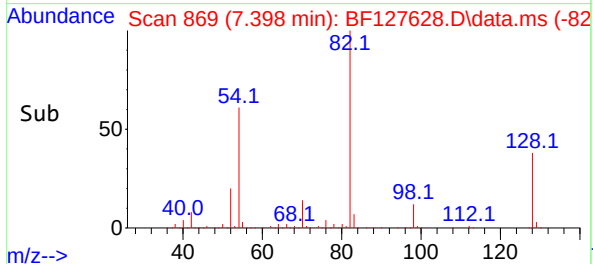


Tgt Ion: 82 Resp: 493140
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 61.3 48.2 72.2

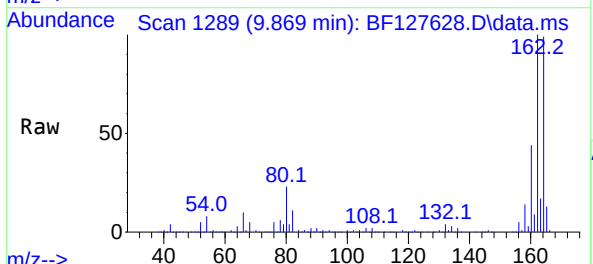
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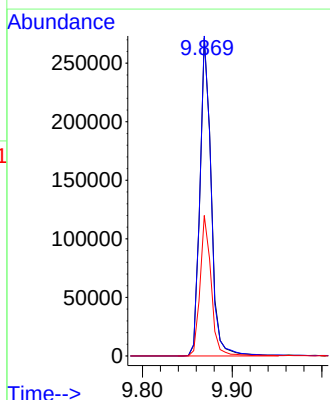
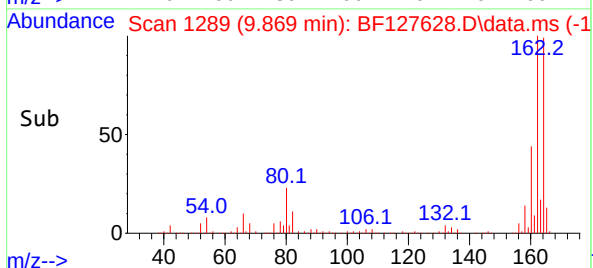
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

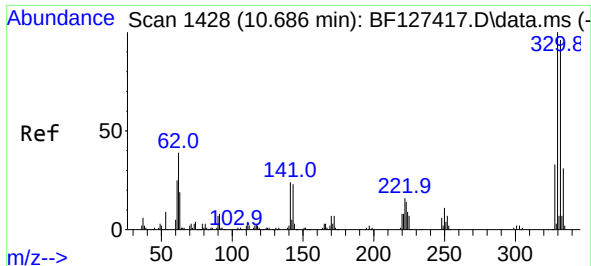


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



Tgt Ion:164 Resp: 236371
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.2 34.6 52.0





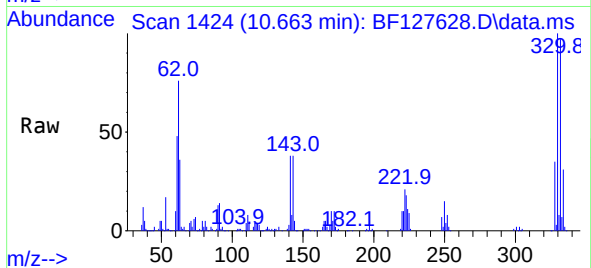
#42
2,4,6-Tribromophenol
Concen: 68.436 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

Instrument :

BNA_F

ClientSampleId :

SB-1S

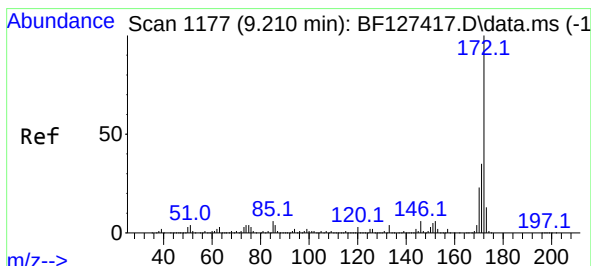
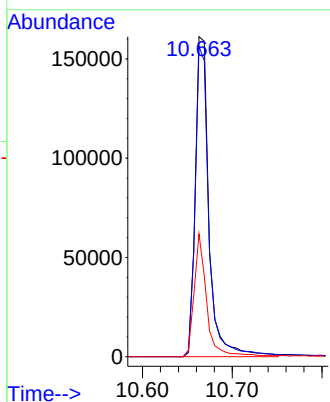
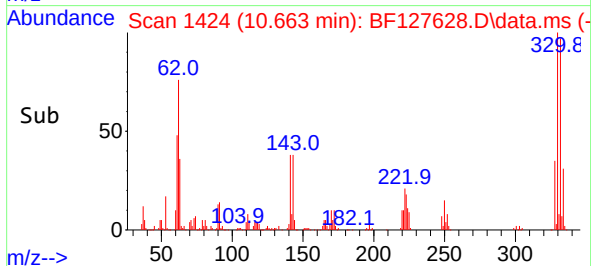


Tgt Ion: 330 Resp: 172318
Ion Ratio Lower Upper
330 100
332 97.9 79.1 118.7
141 34.8 26.2 39.4

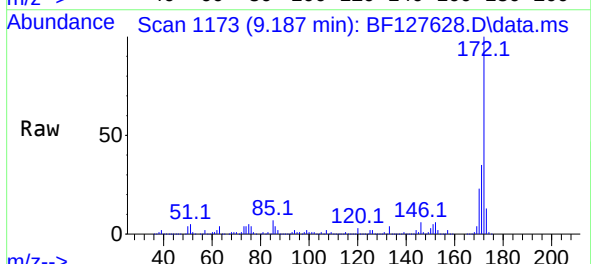
Manual Integrations

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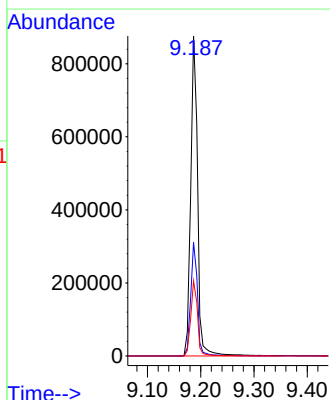
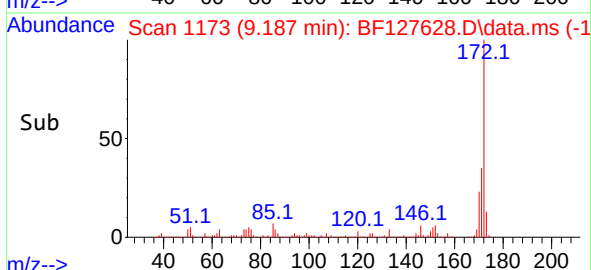
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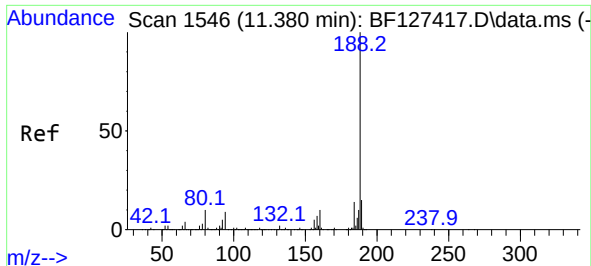


#45
2-Fluorobiphenyl
Concen: 48.894 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



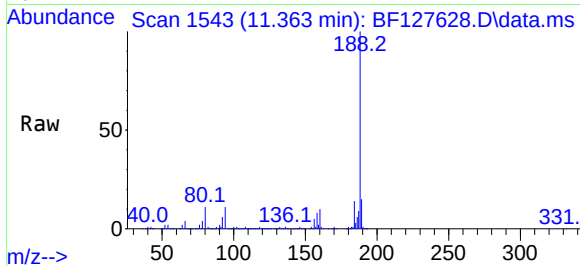
Tgt Ion: 172 Resp: 791459
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

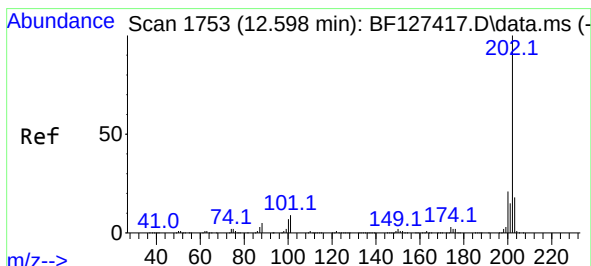
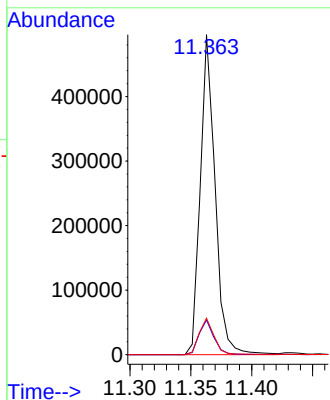
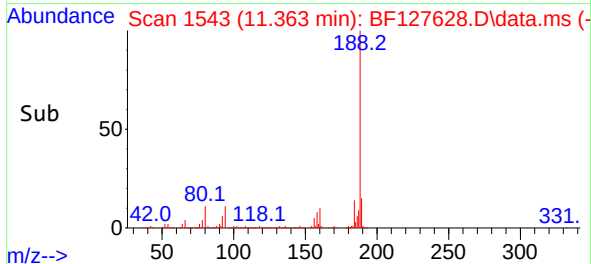
Instrument :
BNA_F
ClientSampleId :
SB-1S



Tgt Ion:188 Resp: 41991
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.0
80 11.4 8.0 12.0

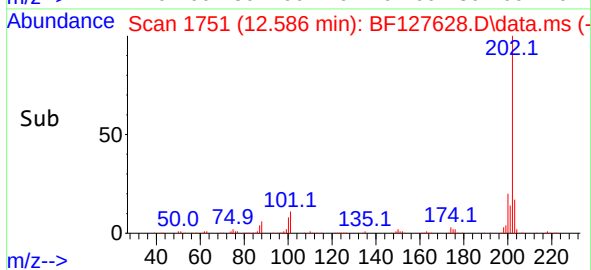
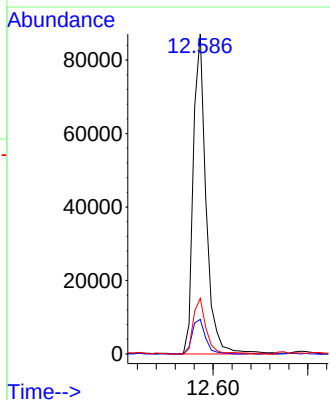
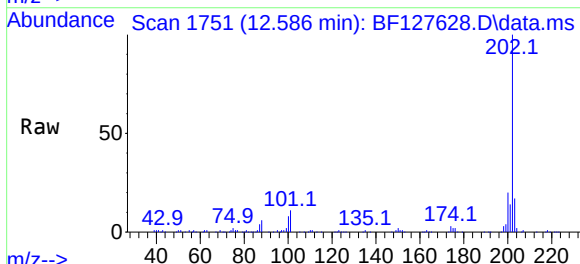
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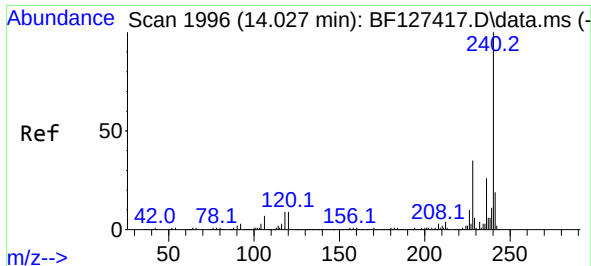
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#75
Fluoranthene
Concen: 3.412 ng
RT: 12.586 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

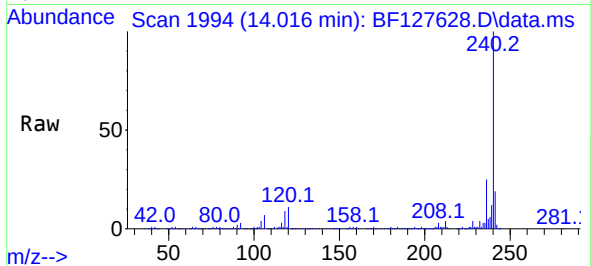
Tgt Ion:202 Resp: 82159
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.0
203 17.4 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

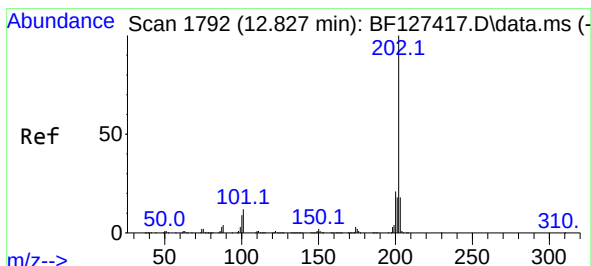
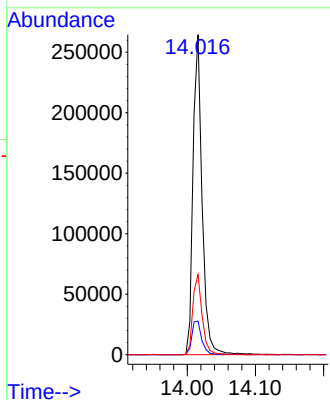
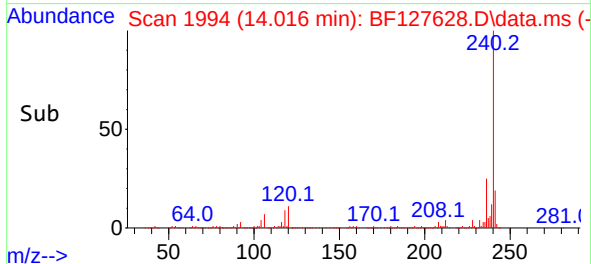
Instrument :
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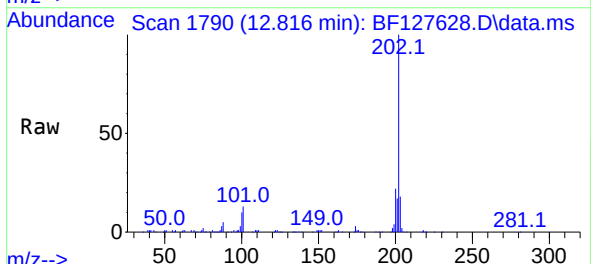
Tgt Ion:240 Resp: 244469
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.1 20.7 31.1

Manual Integrations
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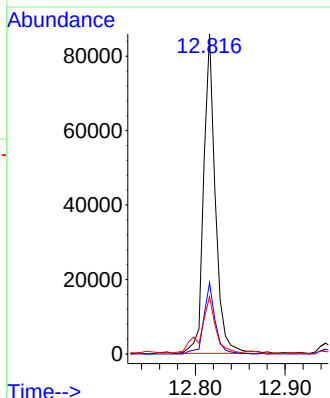
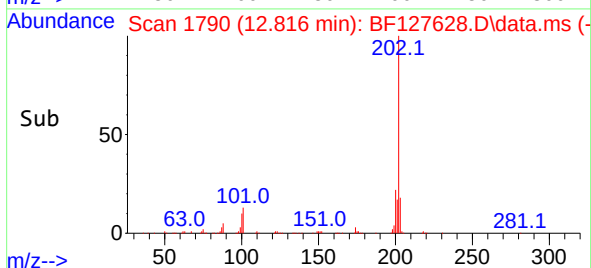
Reviewed By :Christian Giraldo 04/04/2022
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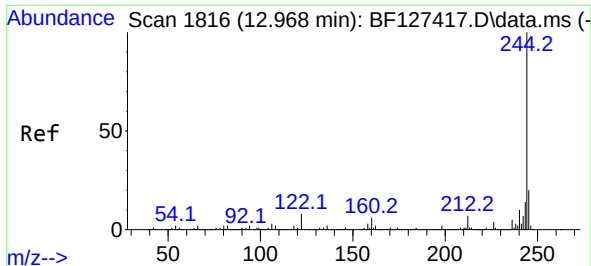


#78
Pyrene
Concen: 3.700 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



Tgt Ion:202 Resp: 77623
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 18.0 14.3 21.5





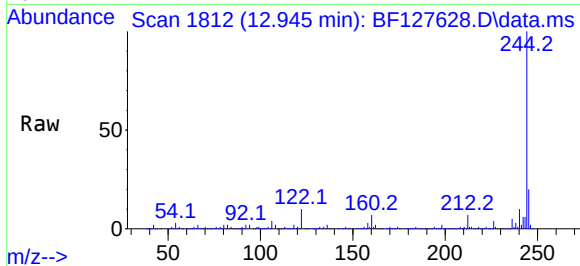
#79
 Terphenyl-d14
 Concen: 52.513 ng
 RT: 12.945 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127628.D
 Acq: 01 Apr 2022 22:54

Instrument :

BNA_F

ClientSampleId :

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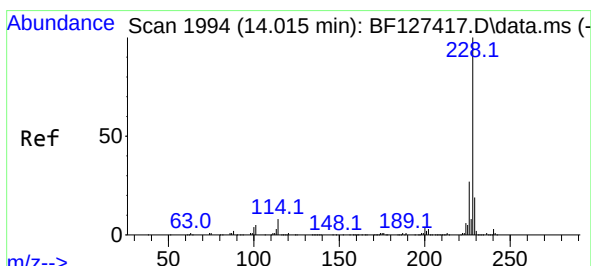
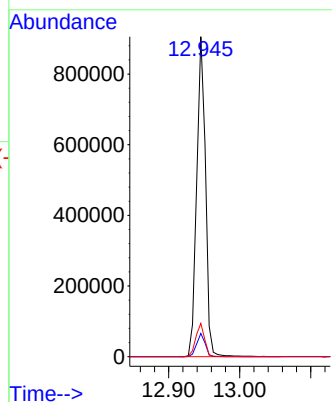
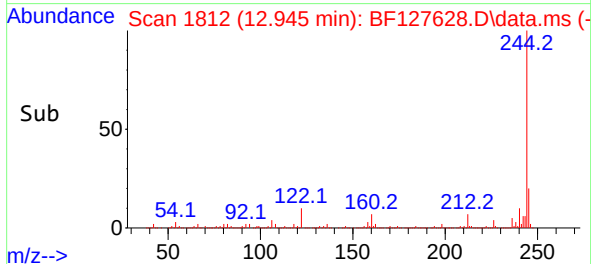


Tgt Ion:244 Resp: 78422
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.4 6.2 9.2

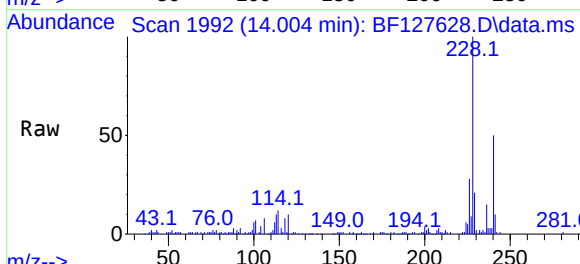
Manual Integrations

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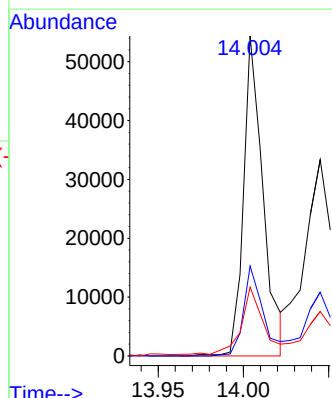
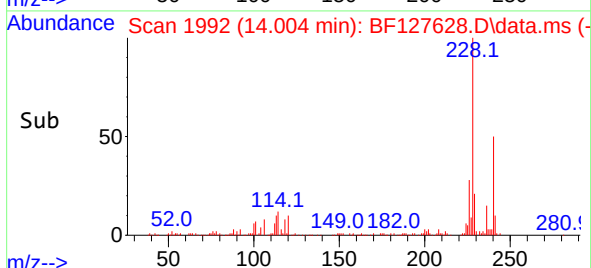
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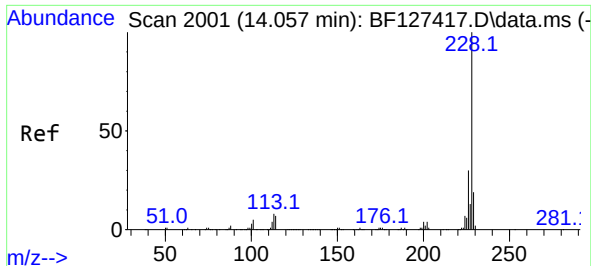


#81
 Benzo(a)anthracene
 Concen: 2.665 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. 0.000 min
 Lab File: BF127628.D
 Acq: 01 Apr 2022 22:54



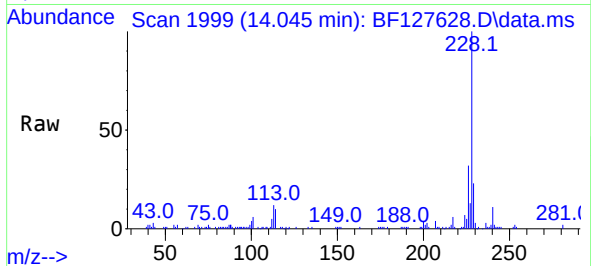
Tgt Ion:228 Resp: 43562
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 21.5 15.4 23.2





#83
Chrysene
Concen: 2.603 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

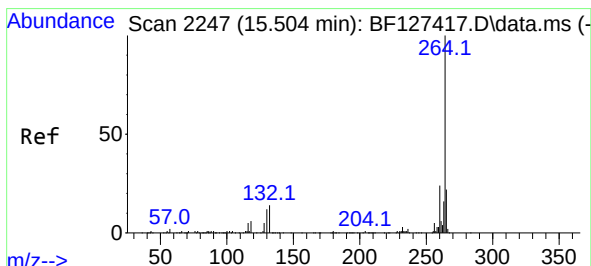
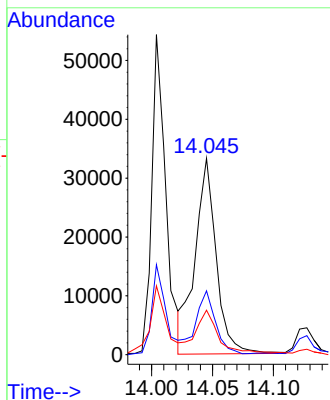
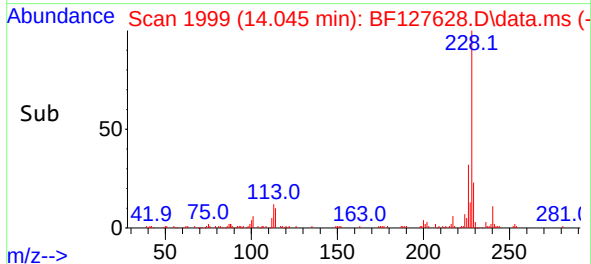
Instrument :
BNA_F
ClientSampleId :
SB-1S



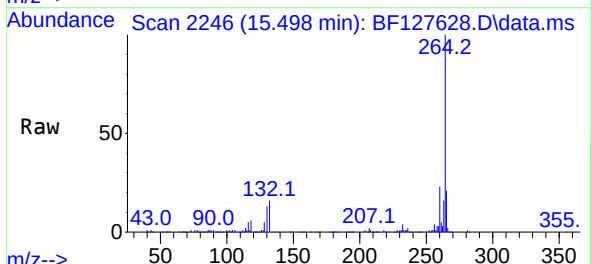
Tgt Ion:228 Resp: 40292
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.4
229 22.7 15.4 23.2

Manual Integrations
APPROVED

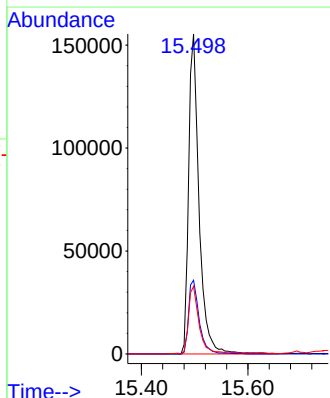
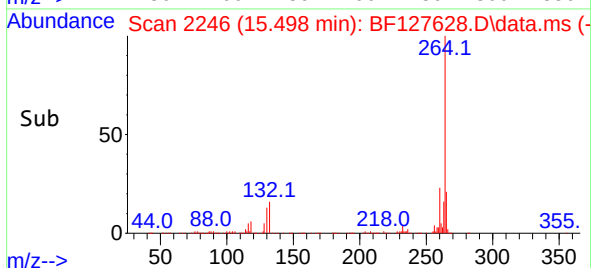
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

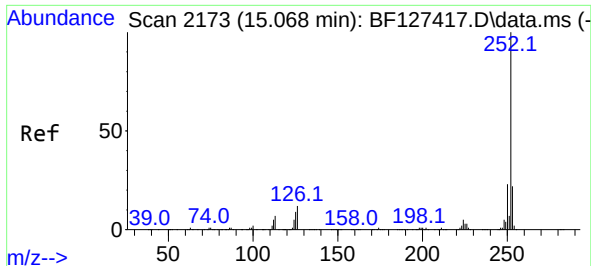


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



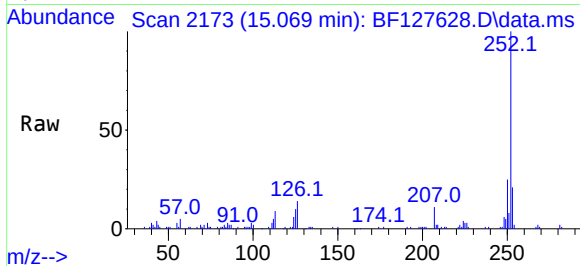
Tgt Ion:264 Resp: 210881
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.1 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.690 ng m
RT: 15.069 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54

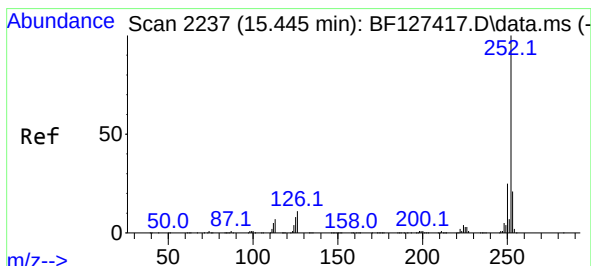
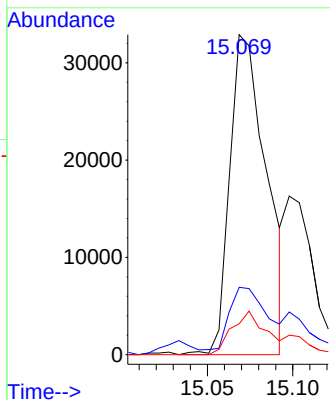
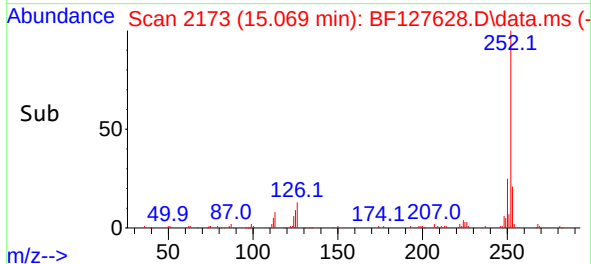
Instrument :
BNA_F
ClientSampleId :
SB-1S



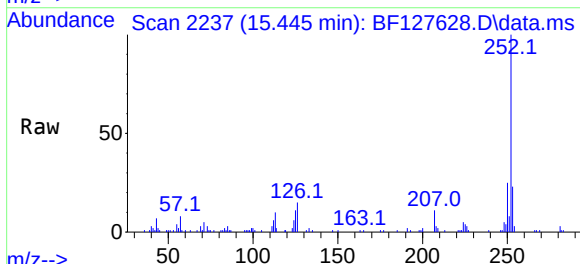
Tgt Ion:252 Resp: 49064
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 9.7 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#90
Benzo(a)pyrene
Concen: 3.402 ng
RT: 15.445 min Scan# 2237
Delta R.T. 0.018 min
Lab File: BF127628.D
Acq: 01 Apr 2022 22:54



Tgt Ion:252 Resp: 37120
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 10.8 6.7 10.1#

