

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128292.D
 Acq On : 17 May 2022 15:44
 Operator : CG\JU
 Sample : N2879-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-0516

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 18 01:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80315	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	320185	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180362	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329050	20.000	ng	0.00
76) Chrysene-d12	14.057	240	183023	20.000	ng	0.00
86) Perylene-d12	15.551	264	183167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	626987	124.448	ng	0.00
7) Phenol-d6	6.510	99	830208	124.586	ng	0.00
23) Nitrobenzene-d5	7.439	82	610536	85.801	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	243043	117.495	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	955080	82.856	ng	0.00
79) Terphenyl-d14	12.998	244	940734	96.447	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	49465	3.019	ng	100
75) Fluoranthene	12.627	202	71816	4.043	ng	95
78) Pyrene	12.857	202	69103	5.207	ng	99
81) Benzo(a)anthracene	14.045	228	27950	2.391	ng	95
83) Chrysene	14.080	228	24914	2.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	251368	33.720	ng	98
88) Benzo(b)fluoranthene	15.109	252	30467m	2.683	ng	
90) Benzo(a)pyrene	15.486	252	23941	2.612	ng	96

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

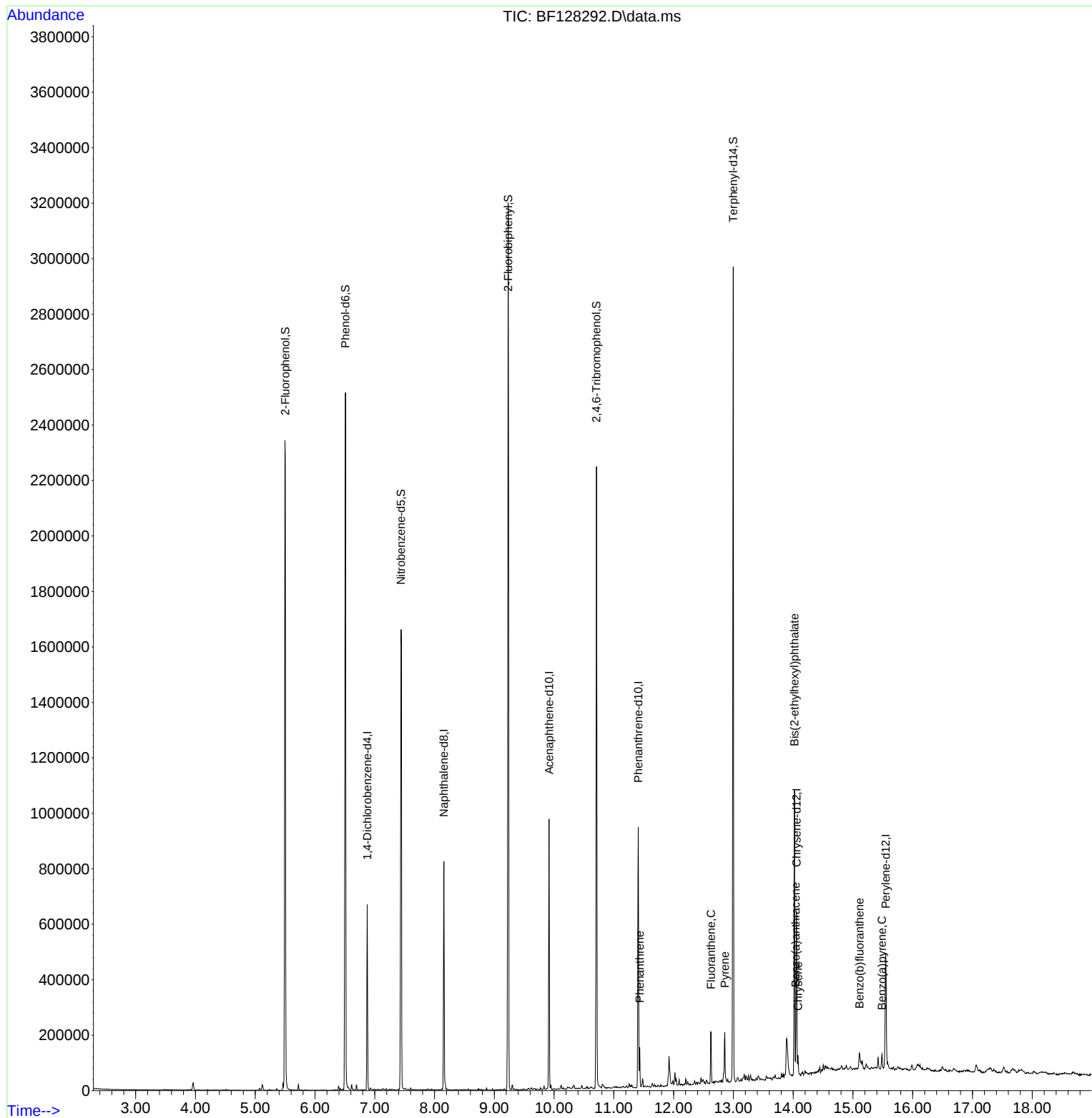
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128292.D
Acq On : 17 May 2022 15:44
Operator : CG\JU
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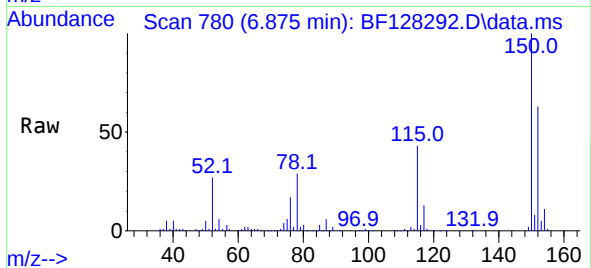
Quant Time: May 18 01:33:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

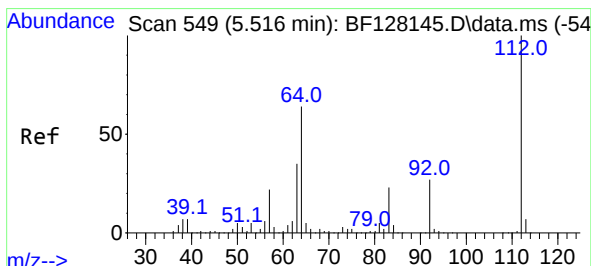
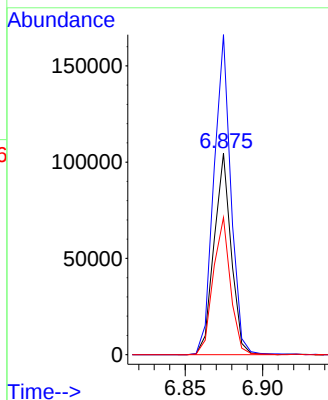
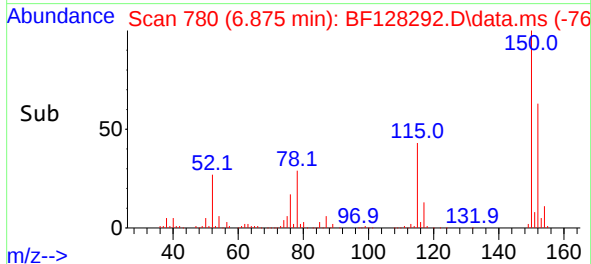
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



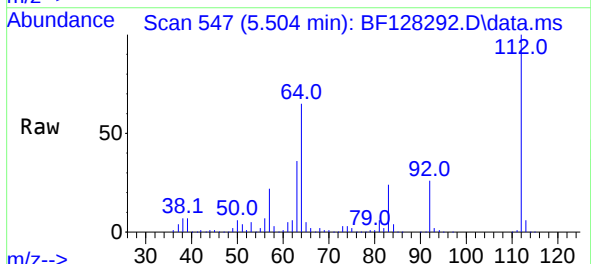
Tgt Ion:152 Resp: 8031
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 68.1 48.8 73.2

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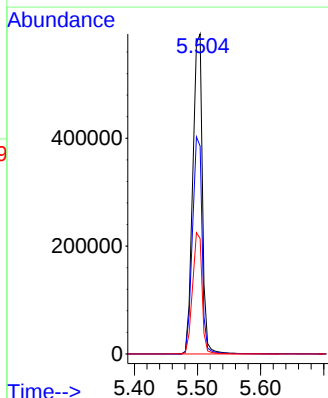
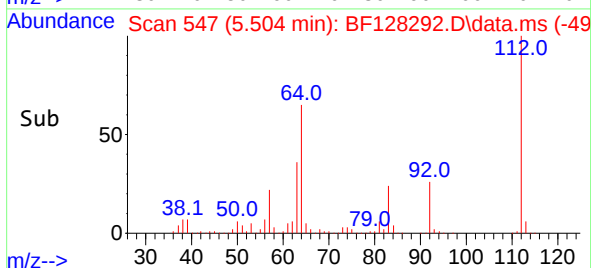
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#5
2-Fluorophenol
Concen: 124.448 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44



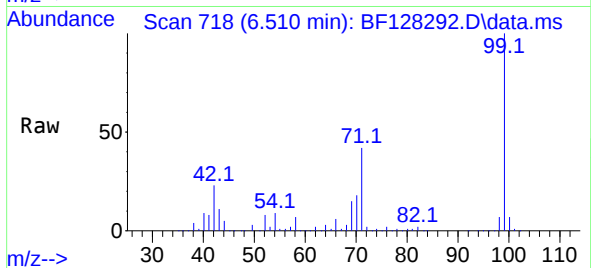
Tgt Ion:112 Resp: 626987
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 36.1 26.3 39.5





#7
Phenol-d6
Concen: 124.586 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

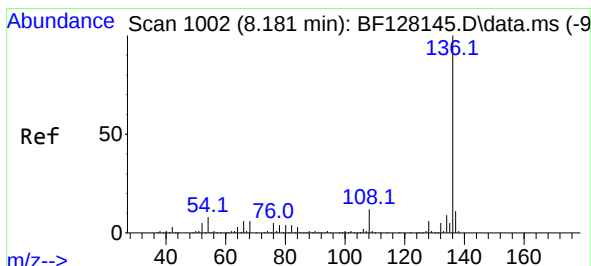
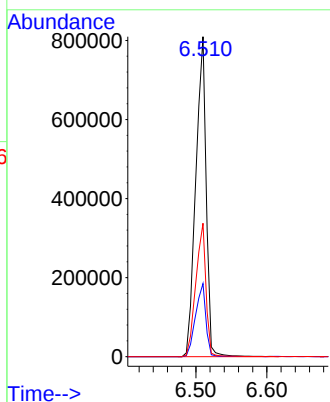
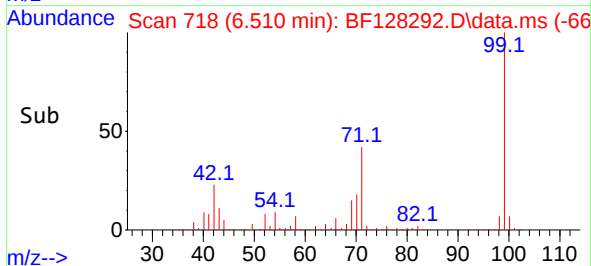
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



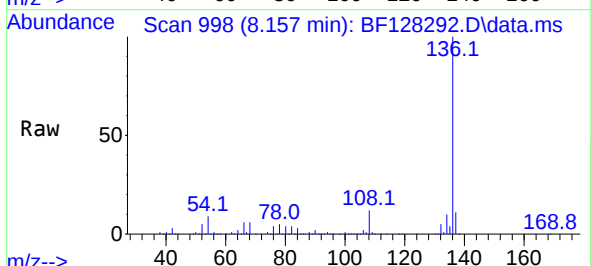
Tgt Ion: 99 Resp: 830208
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 41.7 30.0 45.0

Manual Integrations
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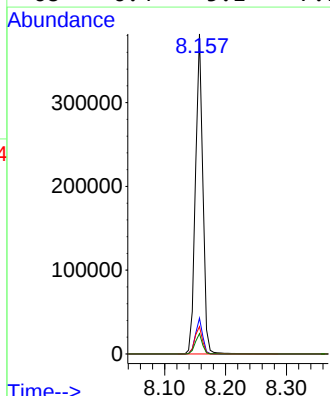
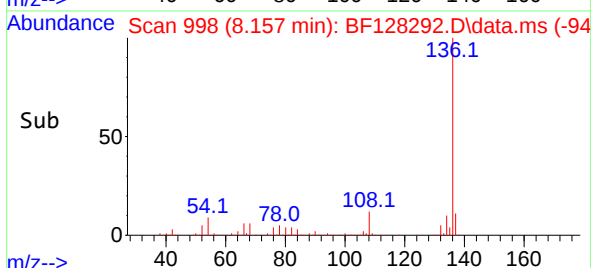
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

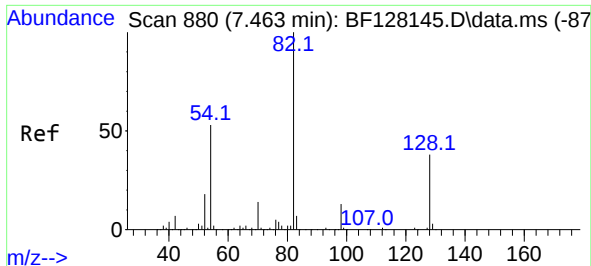


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44



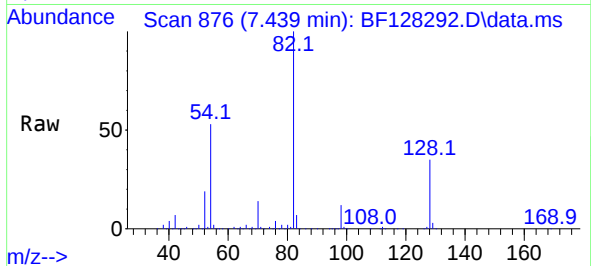
Tgt Ion:136 Resp: 320185
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 6.8 10.2
68 6.4 5.1 7.7





#23
Nitrobenzene-d5
Concen: 85.801 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

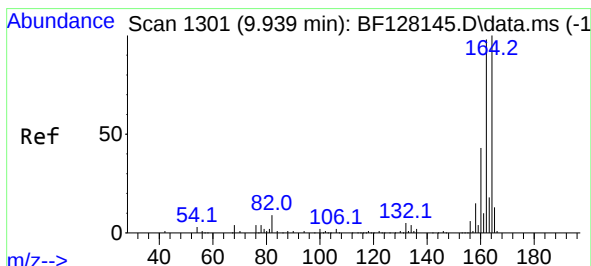
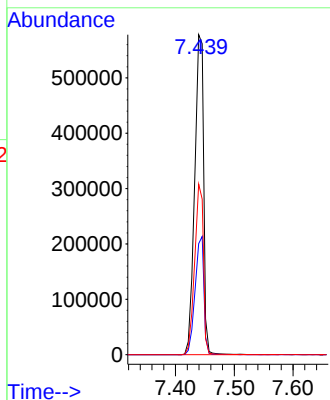
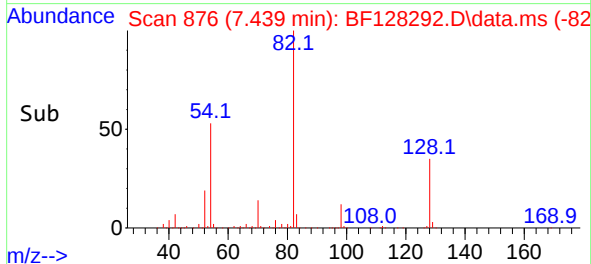
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



Tgt Ion: 82 Resp: 610530
Ion Ratio Lower Upper
82 100
128 34.7 30.0 45.0
54 53.3 41.3 61.9

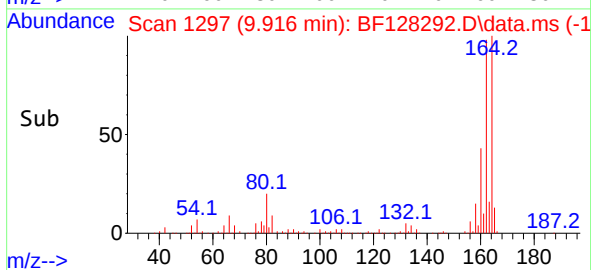
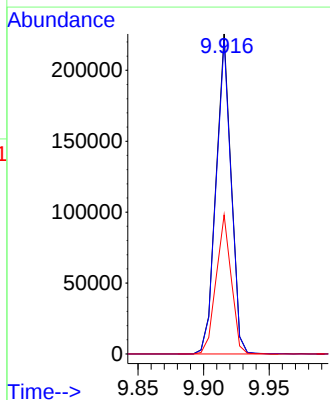
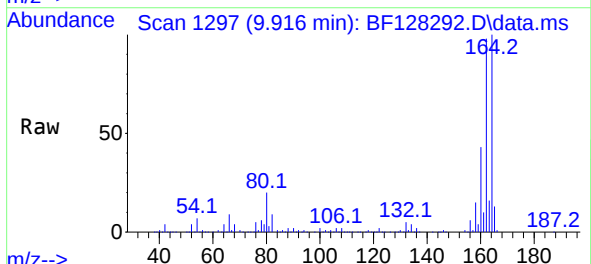
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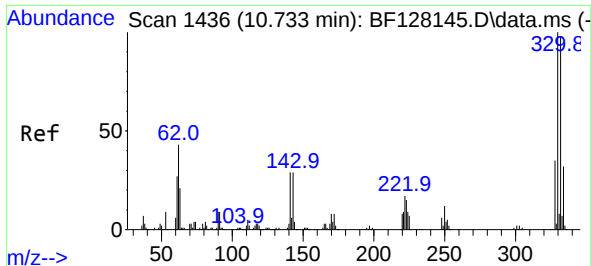
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

Tgt Ion:164 Resp: 180362
Ion Ratio Lower Upper
164 100
162 98.0 76.0 114.0
160 43.4 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 117.495 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

Instrument :

BNA_F

ClientSampleId :

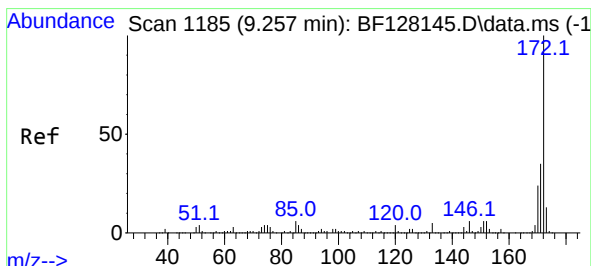
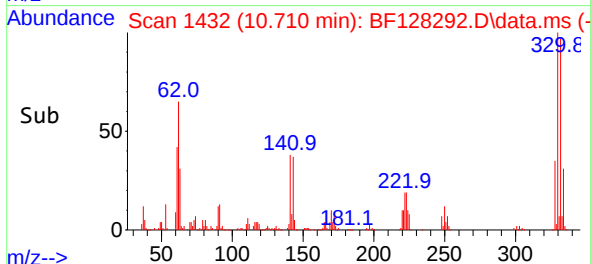
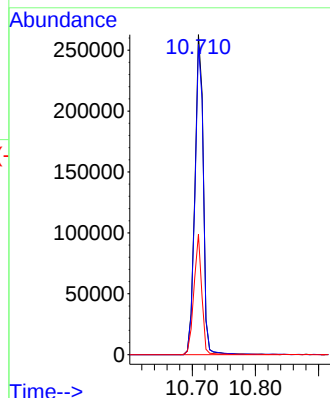
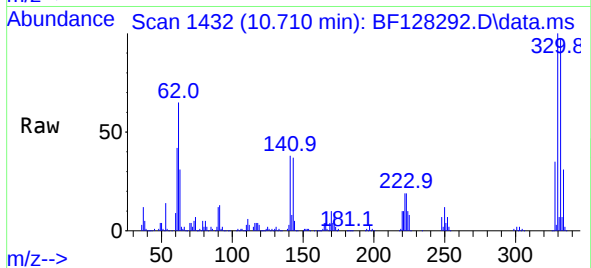
TP-4-0516

Tgt Ion:330 Resp: 24304
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.4
141 35.1 28.9 43.3

Manual Integrations

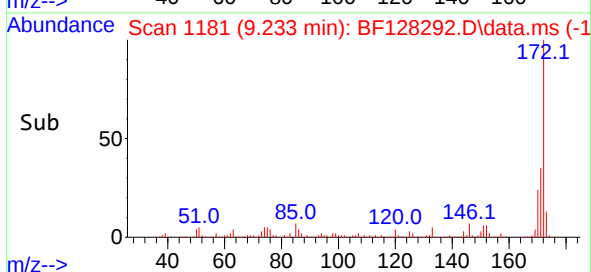
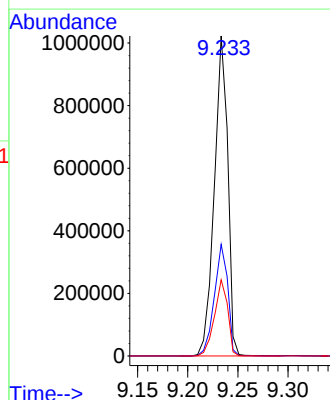
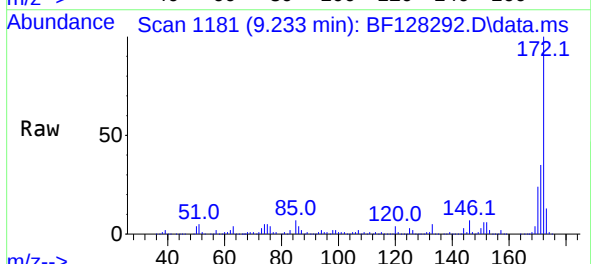
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#45
2-Fluorobiphenyl
Concen: 82.856 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

Tgt Ion:172 Resp: 955080
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.8 19.1 28.7





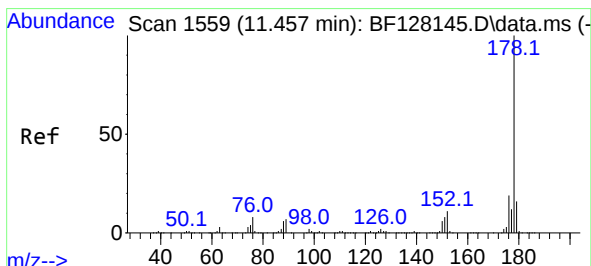
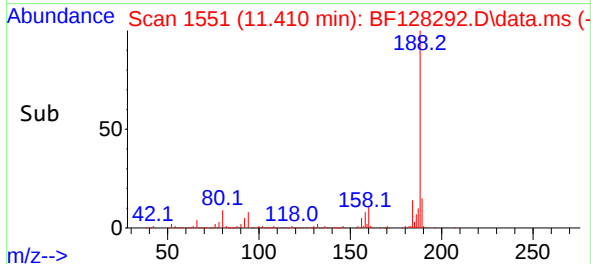
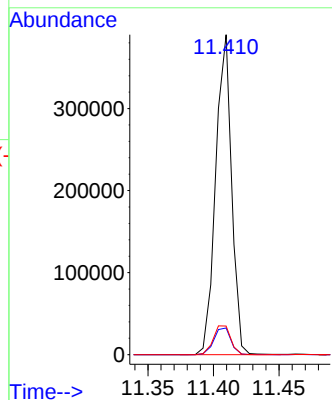
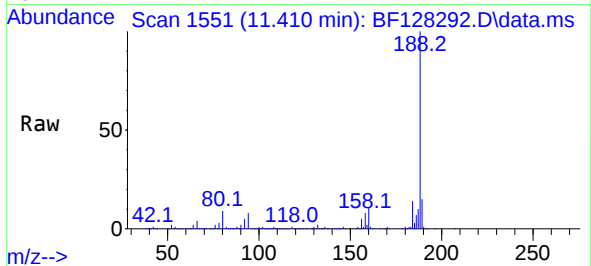
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

Instrument :
BNA_F
ClientSampleId :
TP-4-0516

Tgt Ion:188 Resp: 329050
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.9 8.9 13.3

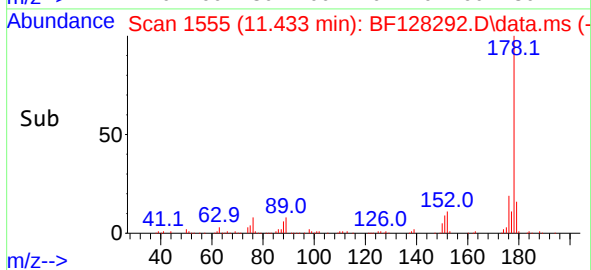
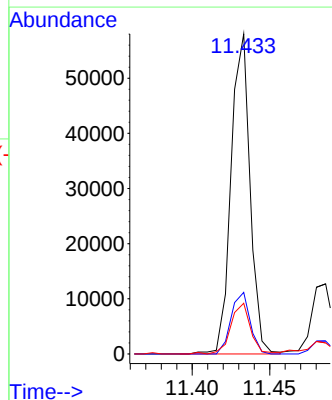
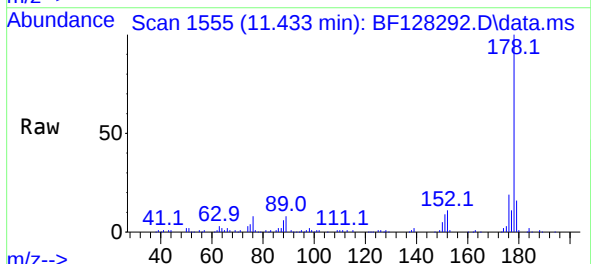
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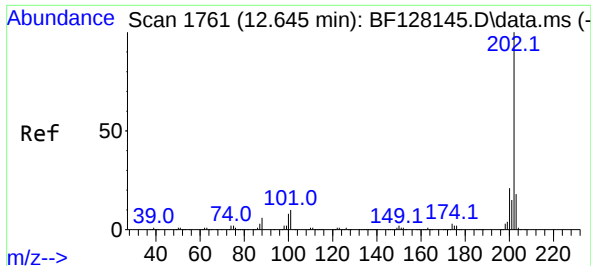
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#71
Phenanthrene
Concen: 3.019 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

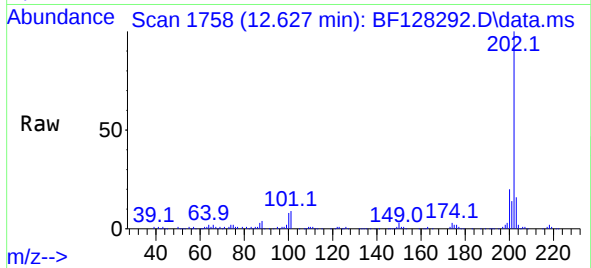
Tgt Ion:178 Resp: 49465
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 12.6 19.0





#75
Fluoranthene
Concen: 4.043 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

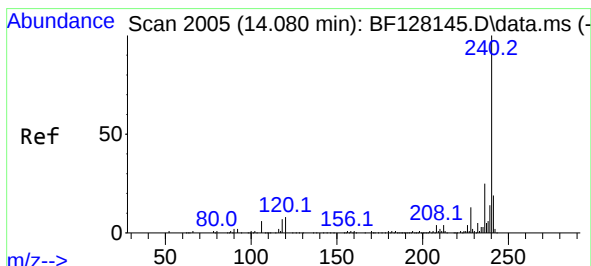
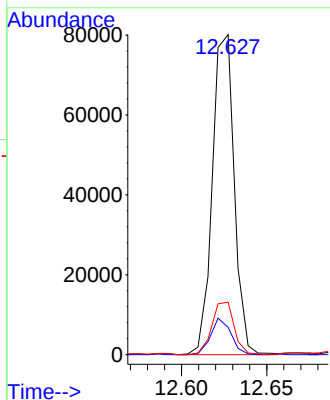
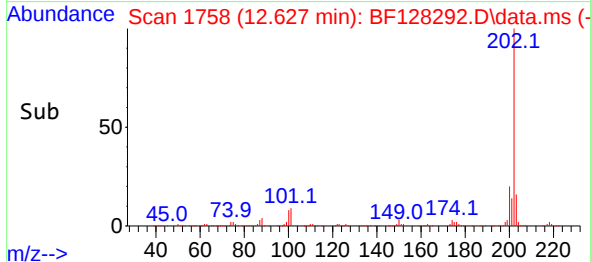
Instrument :
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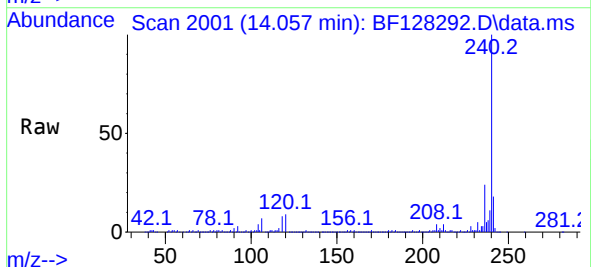
Tgt Ion:202 Resp: 71810
Ion Ratio Lower Upper
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101 8.5 0.0 31.6
203 16.4 0.0 38.1

Manual Integrations
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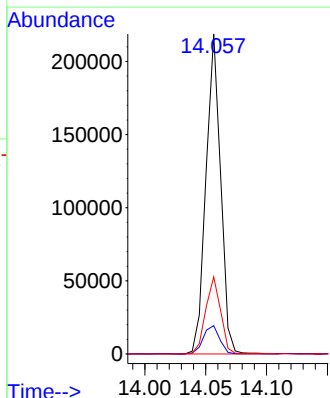
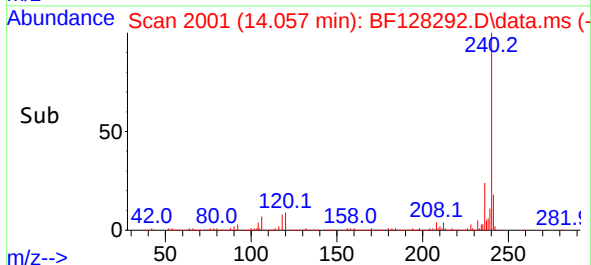
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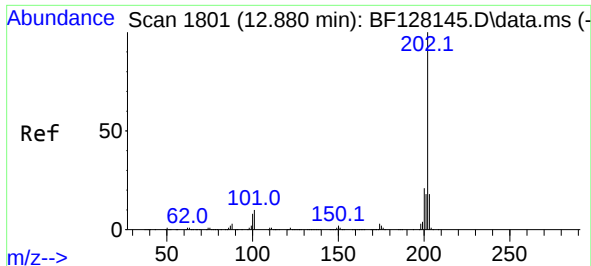


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44



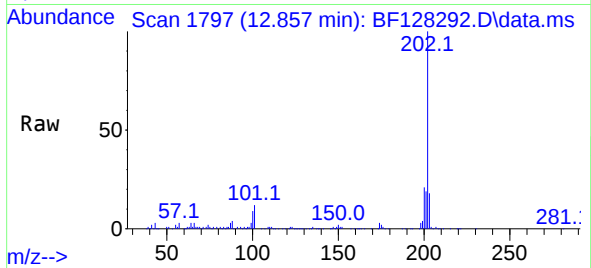
Tgt Ion:240 Resp: 183023
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 24.1 20.3 30.5





#78
Pyrene
Concen: 5.207 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

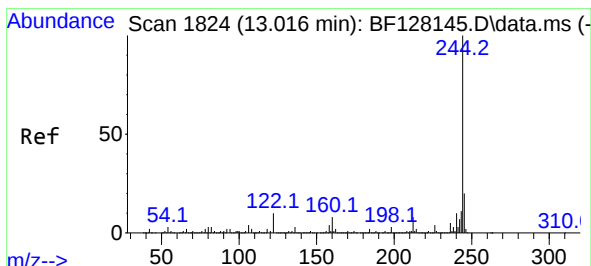
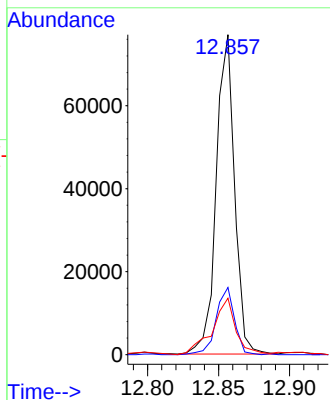
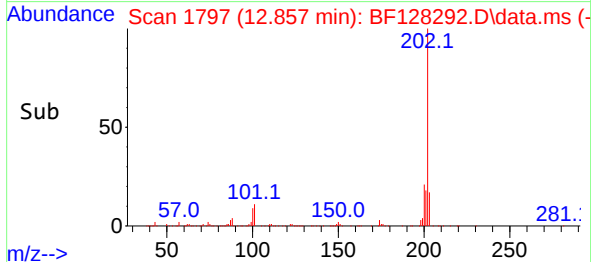
Instrument :
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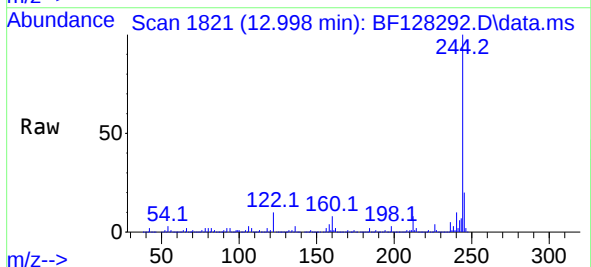
Tgt Ion:202 Resp: 6910
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.6 14.0 21.0

Manual Integrations
APPROVED

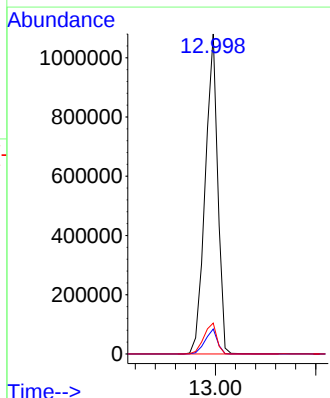
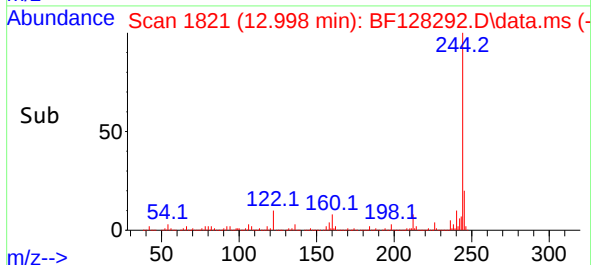
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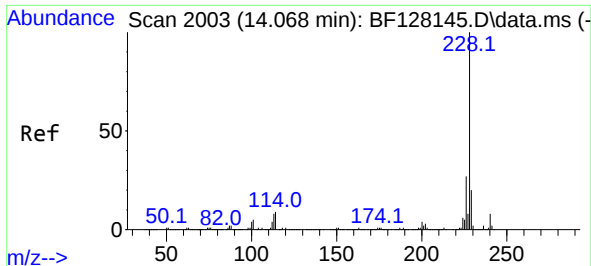


#79
Terphenyl-d14
Concen: 96.447 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44



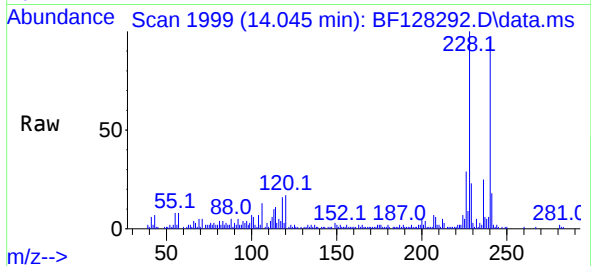
Tgt Ion:244 Resp: 940734
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 9.6 8.6 12.8





#81
Benzo(a)anthracene
Concen: 2.391 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

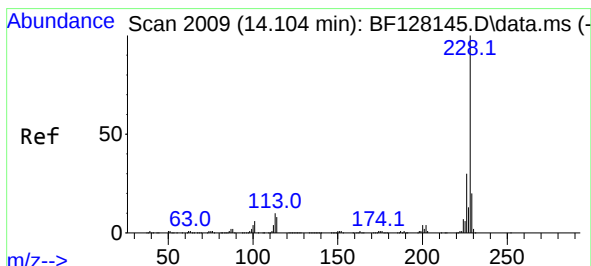
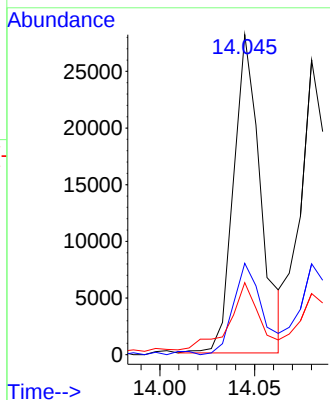
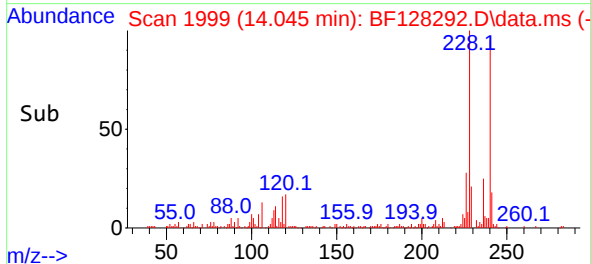
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



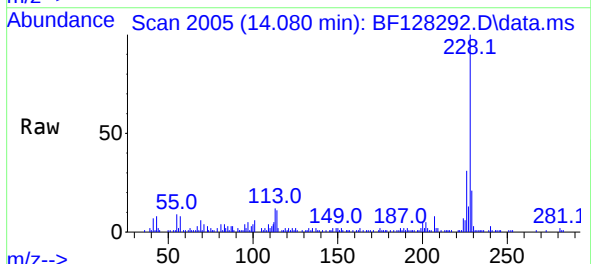
Tgt Ion:228 Resp: 27950
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 22.5 15.4 23.2

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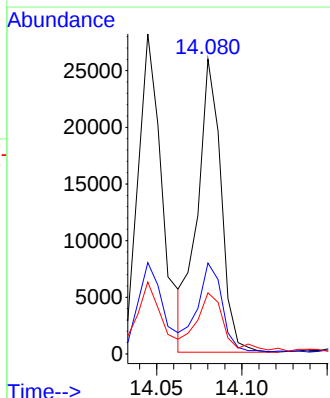
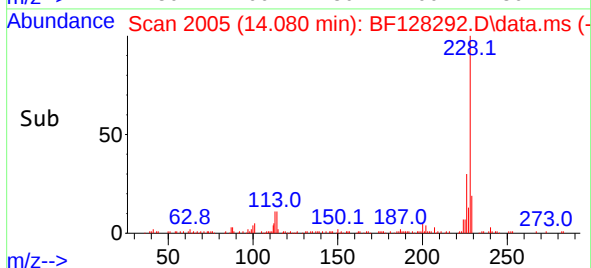
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

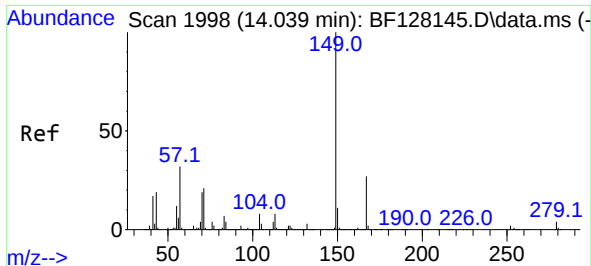


#83
Chrysene
Concen: 2.234 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44



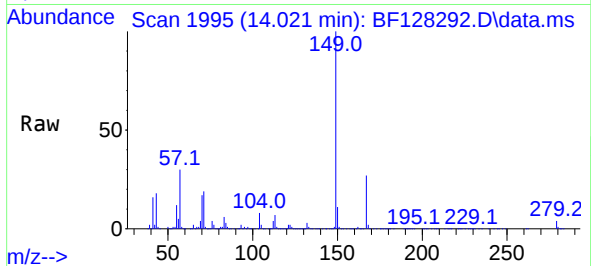
Tgt Ion:228 Resp: 24914
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.7 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 33.720 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

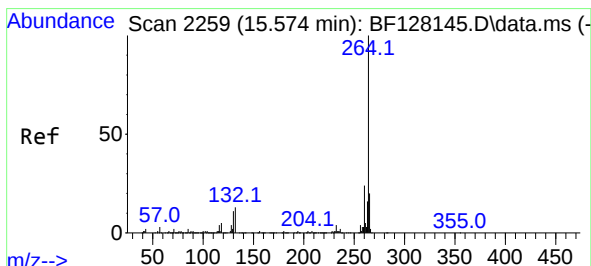
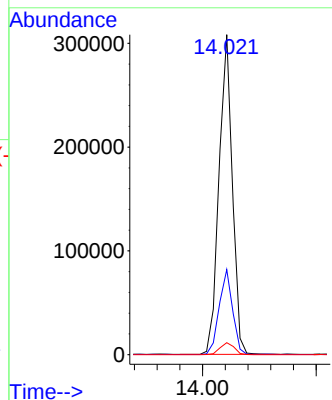
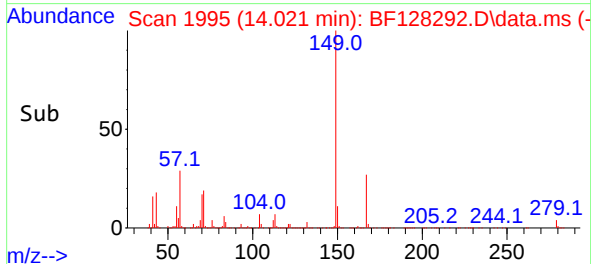
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



Tgt Ion:149 Resp: 251368
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.8 3.4 5.0

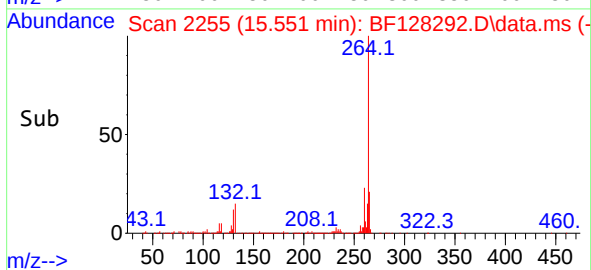
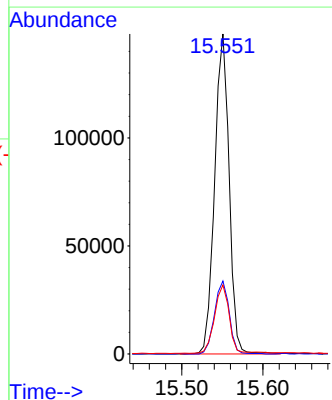
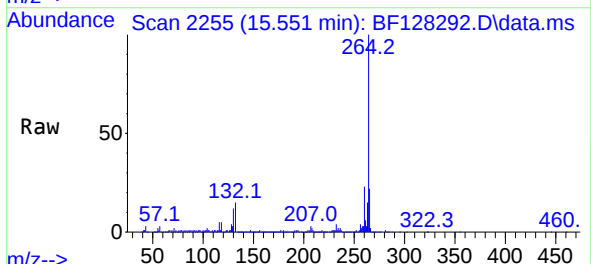
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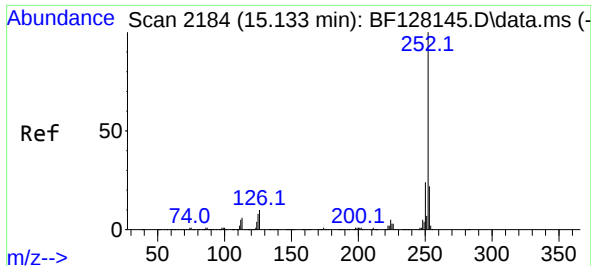
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

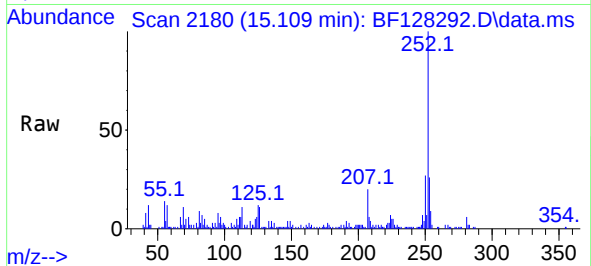
Tgt Ion:264 Resp: 183167
Ion Ratio Lower Upper
264 100
260 22.8 20.1 30.1
265 21.5 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.683 ng m
RT: 15.109 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

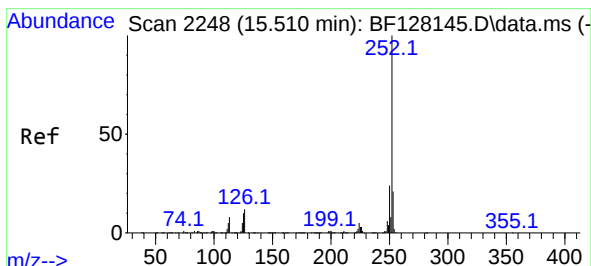
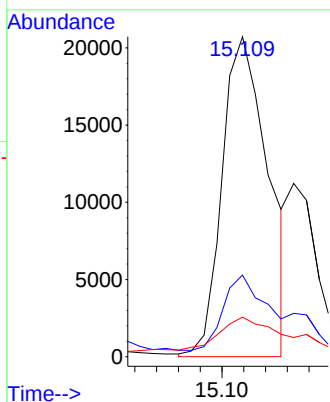
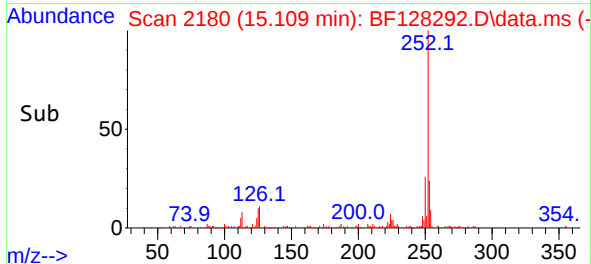
Instrument :
BNA_F
ClientSampleId :
TP-4-0516



Tgt Ion:252 Resp: 3046
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 12.4 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#90
Benzo(a)pyrene
Concen: 2.612 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF128292.D
Acq: 17 May 2022 15:44

Tgt Ion:252 Resp: 23941
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 11.8 9.2 13.8

