

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128464.D
 Acq On : 25 May 2022 17:23
 Operator : CG\JU
 Sample : N2896-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-2430-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 01:01:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	88868	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	306794	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	146371	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	236264	20.000	ng	0.00
76) Chrysene-d12	13.992	240	166633	20.000	ng	0.00
86) Perylene-d12	15.462	264	120010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	587590	105.221	ng	0.01
7) Phenol-d6	6.469	99	740549	100.708	ng	0.01
23) Nitrobenzene-d5	7.381	82	483531	70.616	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	138661	91.858	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	666036	74.413	ng	0.00
79) Terphenyl-d14	12.927	244	591215	68.491	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	11.892	149	75780	6.070	ng	99
75) Fluoranthene	12.557	202	75788	6.069	ng	98
78) Pyrene	12.786	202	71455	5.727	ng	98
81) Benzo(a)anthracene	13.980	228	36814	3.472	ng	96
83) Chrysene	14.015	228	32482	3.217	ng	95
84) Bis(2-ethylhexyl)phtha...	13.957	149	1035082	156.445	ng	98
88) Benzo(b)fluoranthene	15.033	252	29163m	3.906	ng	
90) Benzo(a)pyrene	15.404	252	16751	2.795	ng	# 92

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

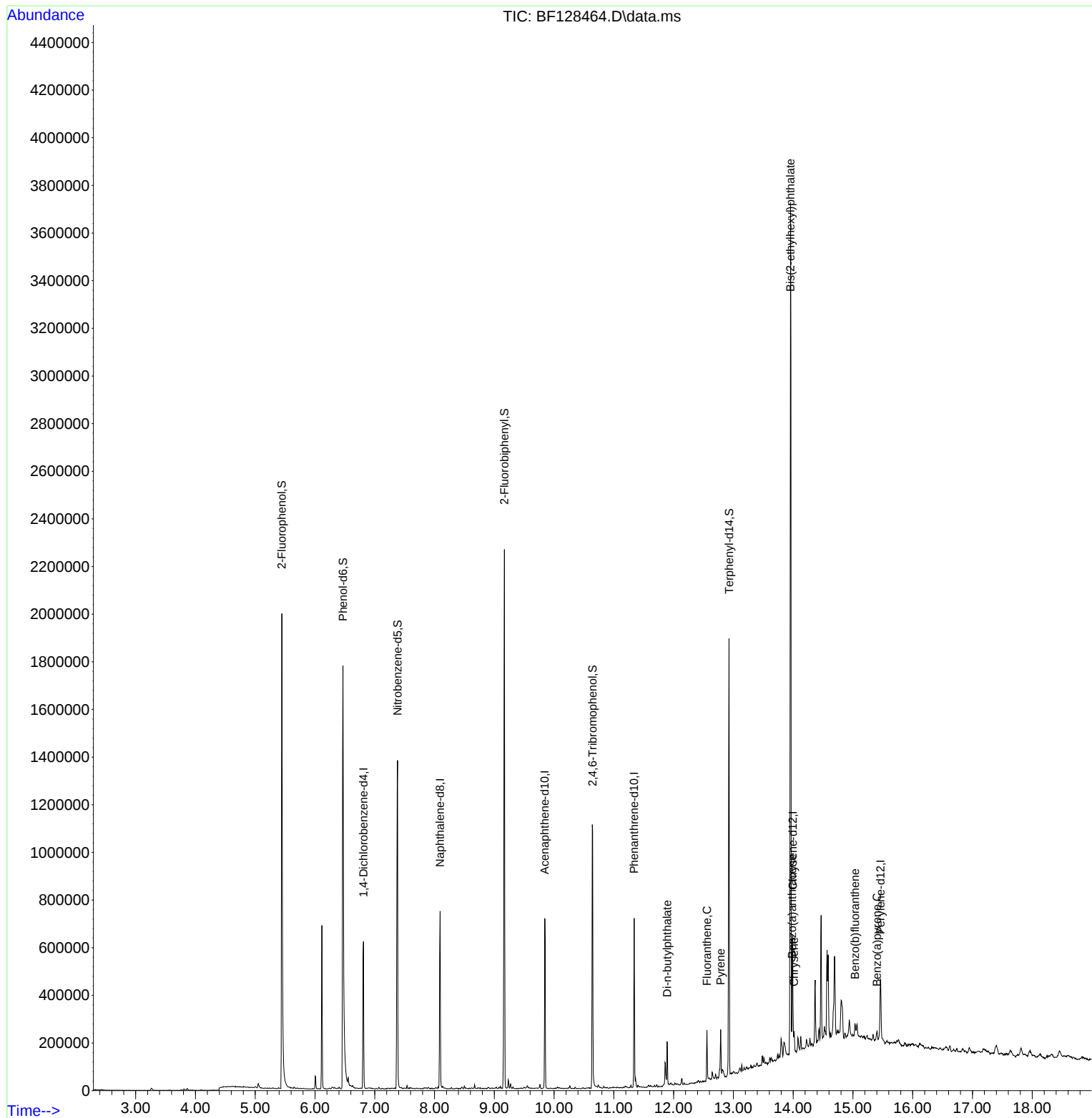
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128464.D
Acq On : 25 May 2022 17:23
Operator : CG\JU
Sample : N2896-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01

Quant Time: May 26 01:01:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 12:38:46 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

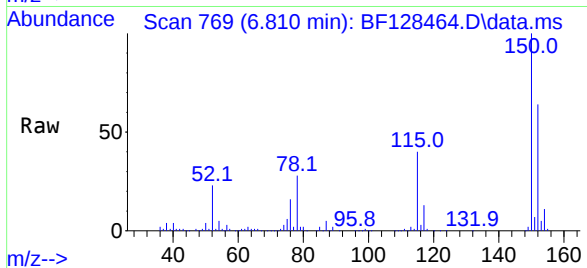
Reviewed By : Christian Giraldo 05/26/2022
Supervised By : Jagrut Upadhyay 05/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

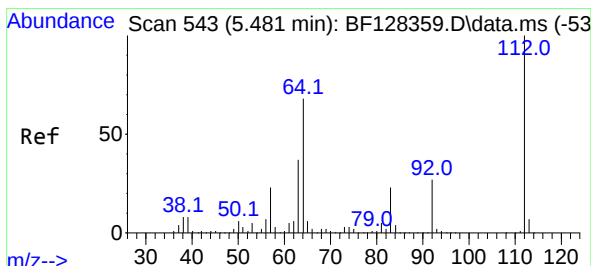
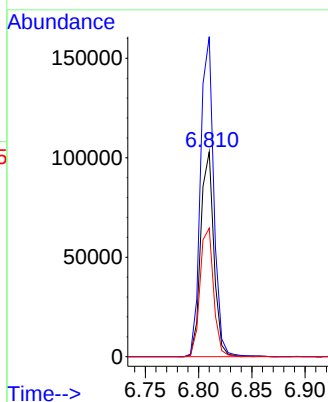
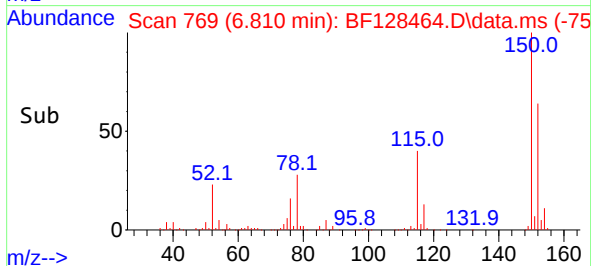
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



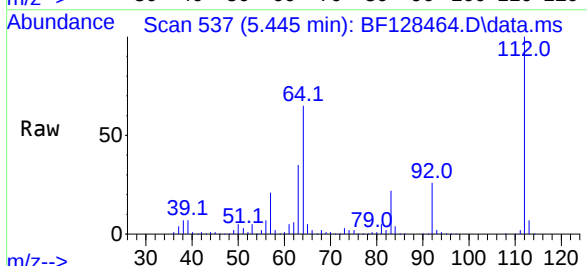
Tgt Ion:152 Resp: 8886
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 62.8 48.8 73.2

Manual Integrations
APPROVED

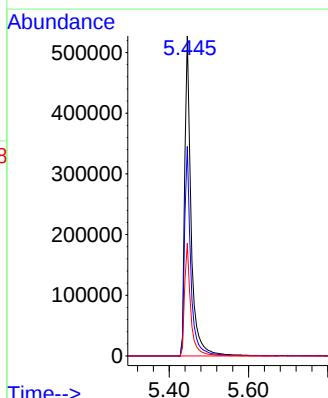
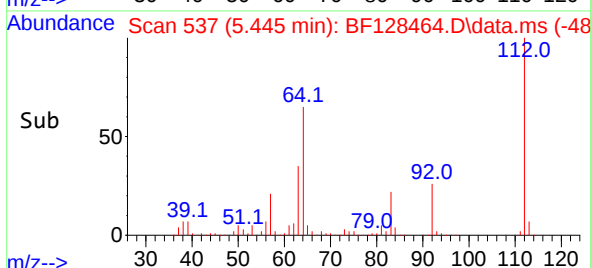
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

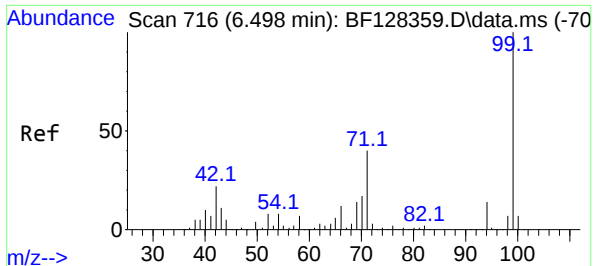


#5
2-Fluorophenol
Concen: 105.221 ng
RT: 5.445 min Scan# 537
Delta R.T. 0.012 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



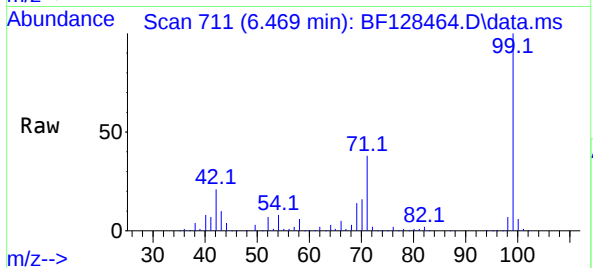
Tgt Ion:112 Resp: 587590
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 35.2 26.3 39.5





#7
Phenol-d6
Concen: 100.708 ng
RT: 6.469 min Scan# 716
Delta R.T. 0.012 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

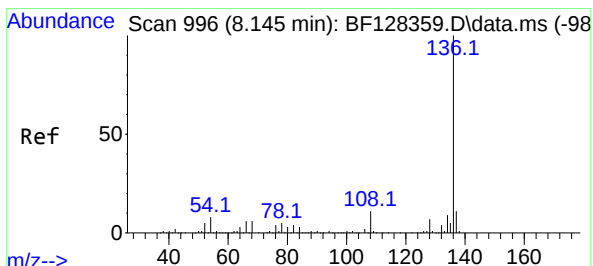
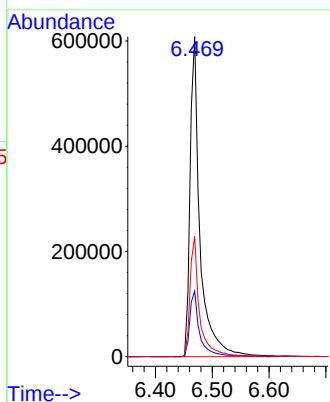
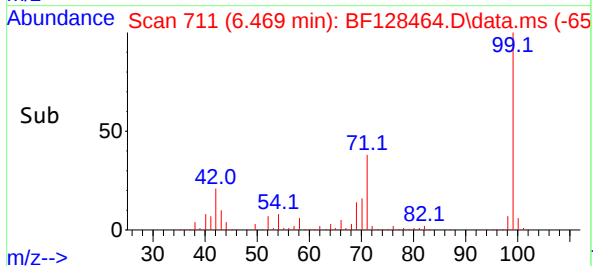
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



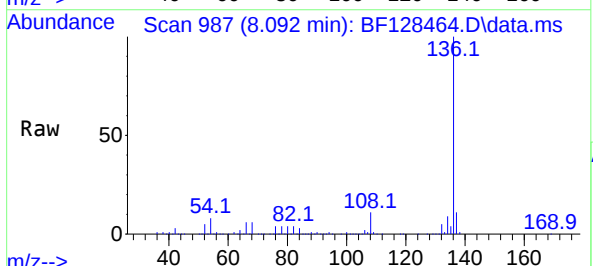
Tgt Ion: 99 Resp: 740549
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 37.6 30.0 45.0

Manual Integrations
APPROVED

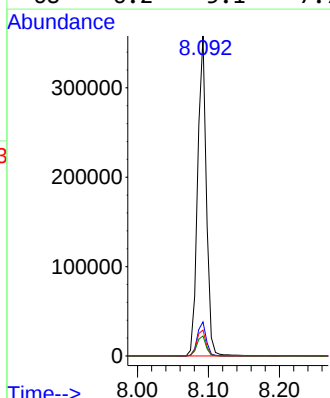
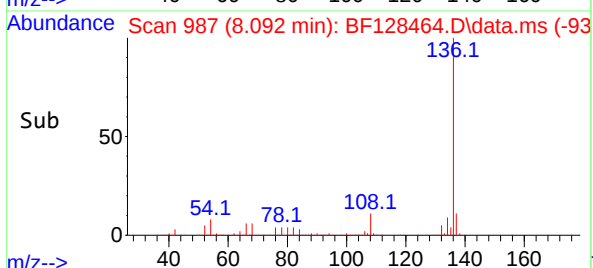
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

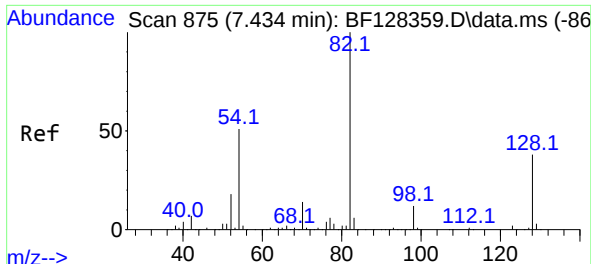


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



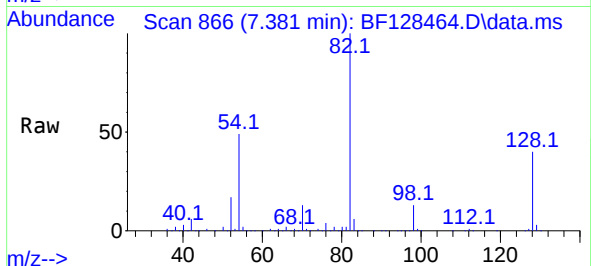
Tgt Ion:136 Resp: 306794
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.1 6.8 10.2
68 6.2 5.1 7.7





#23
Nitrobenzene-d5
Concen: 70.616 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

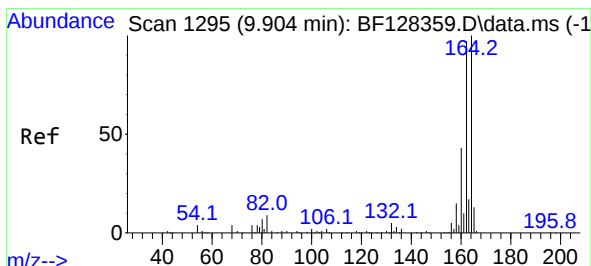
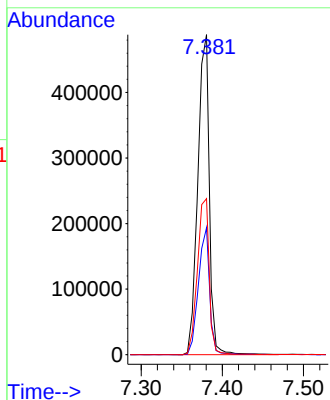
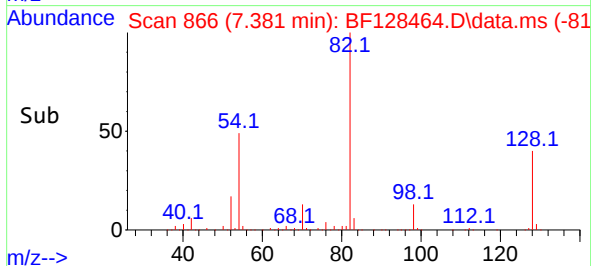
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



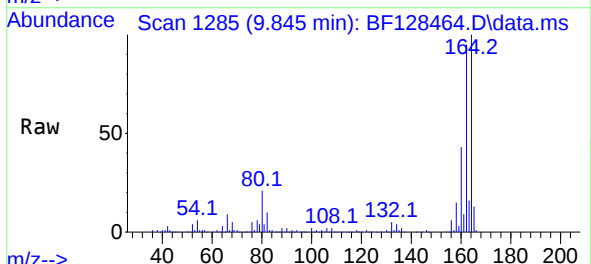
Tgt Ion: 82 Resp: 48353
Ion Ratio Lower Upper
82 100
128 39.6 30.0 45.0
54 48.7 41.3 61.9

Manual Integrations
APPROVED

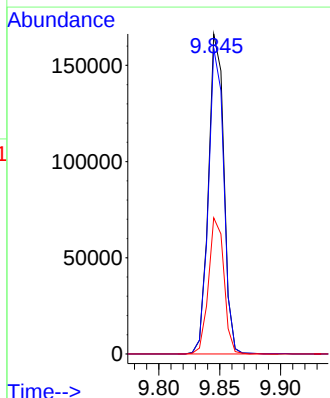
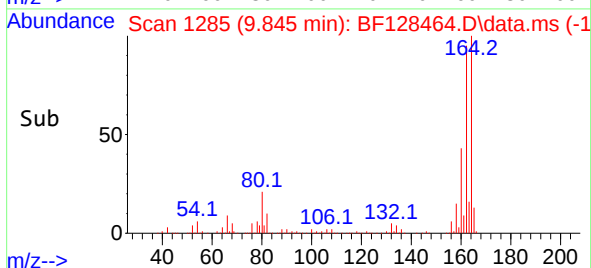
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

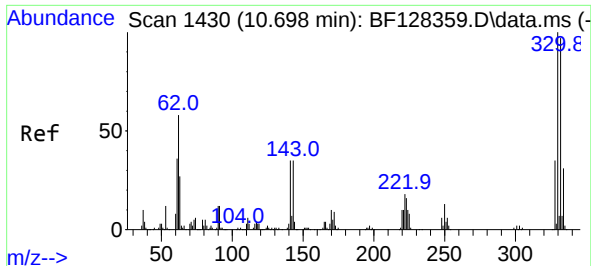


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



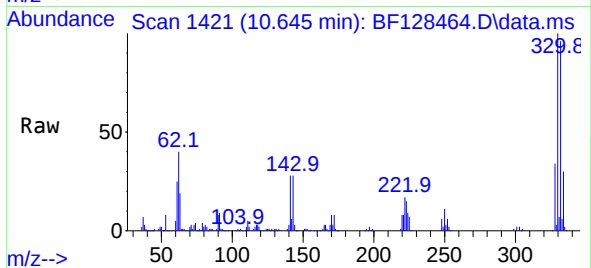
Tgt Ion:164 Resp: 146371
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.5 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 91.858 ng
RT: 10.645 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

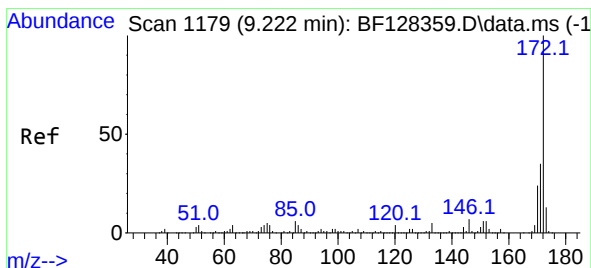
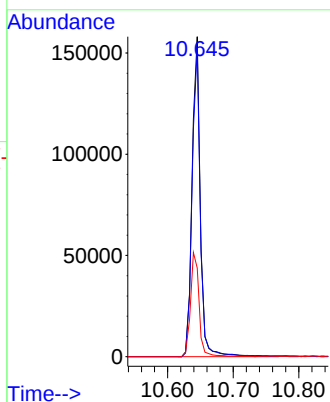
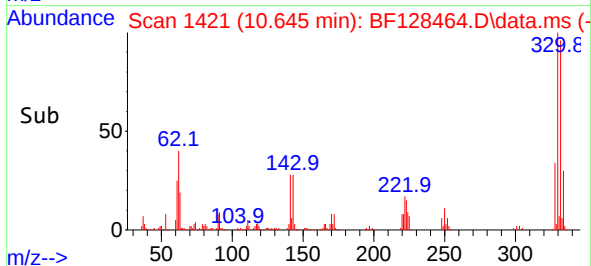
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



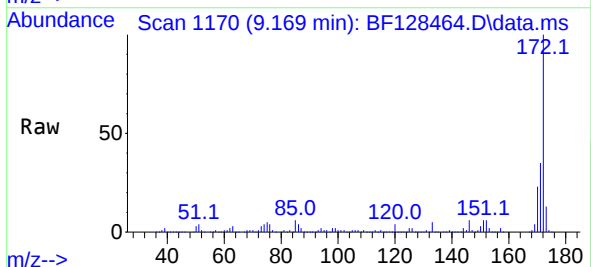
Tgt Ion: 330 Resp: 13866
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.9 28.9 43.3

Manual Integrations
APPROVED

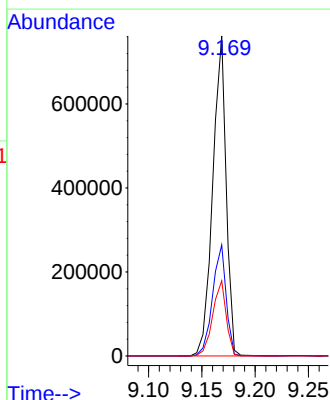
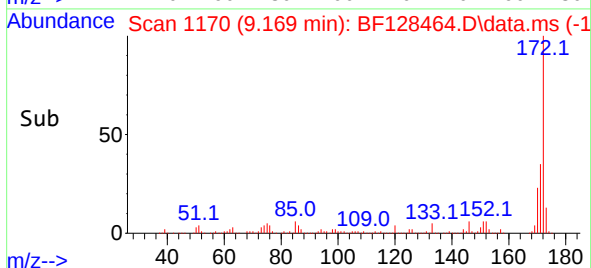
Reviewed By : Christian Giraldo 05/26/2022
Supervised By : Jagrut Upadhyay 05/26/2022



#45
2-Fluorobiphenyl
Concen: 74.413 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



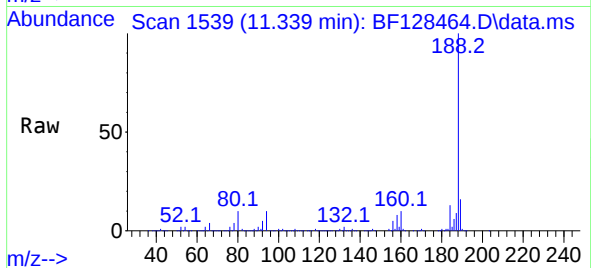
Tgt Ion: 172 Resp: 666036
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

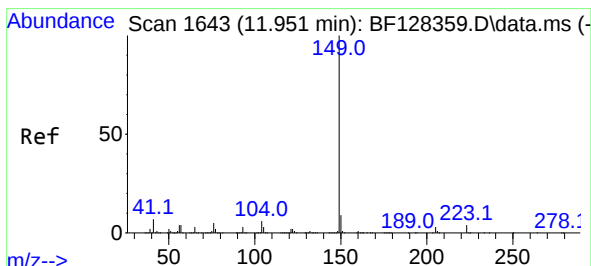
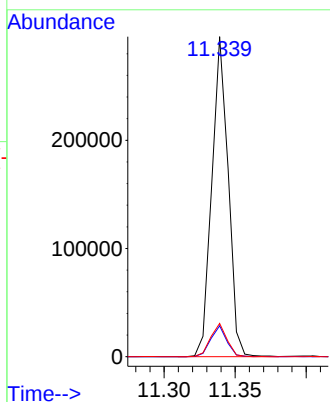
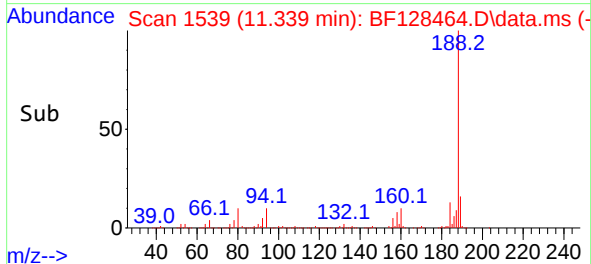
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



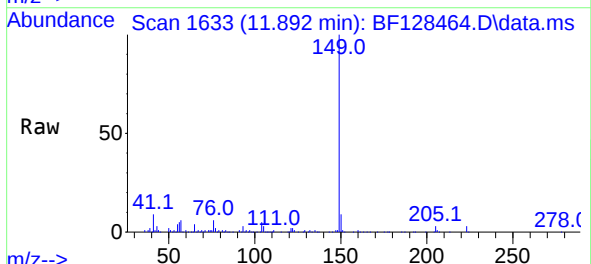
Tgt Ion:188 Resp: 236264
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.4 8.9 13.3

Manual Integrations
APPROVED

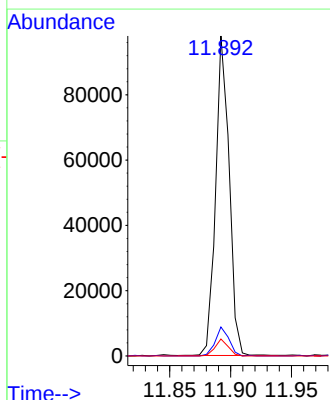
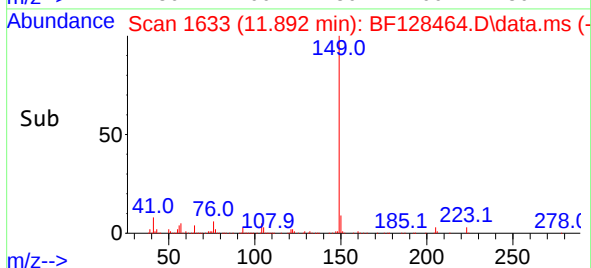
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

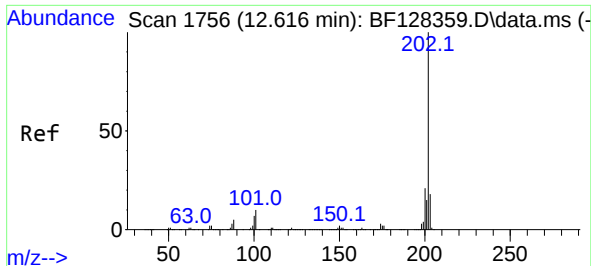


#74
Di-n-butylphthalate
Concen: 6.070 ng
RT: 11.892 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



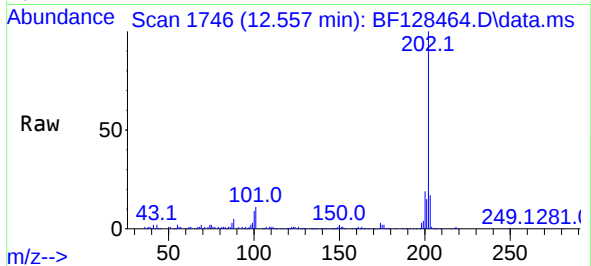
Tgt Ion:149 Resp: 75780
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 6.069 ng
RT: 12.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

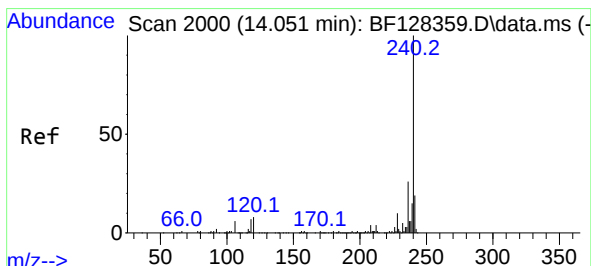
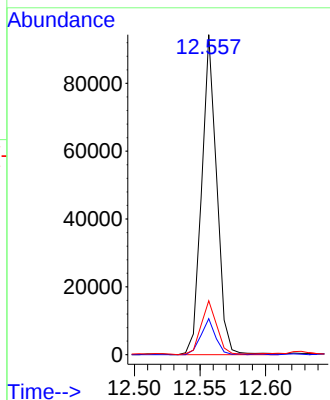
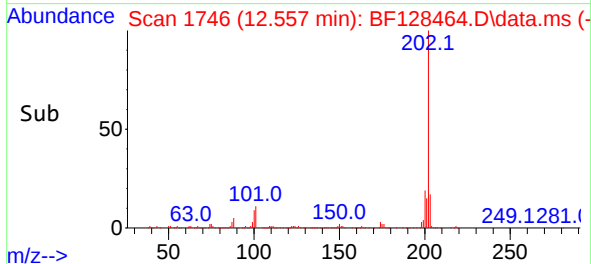
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



Tgt Ion:202 Resp: 7578
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.6
203 16.8 0.0 38.1

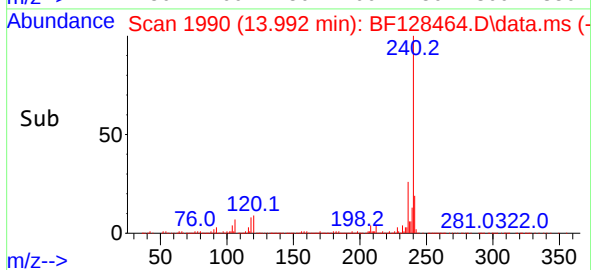
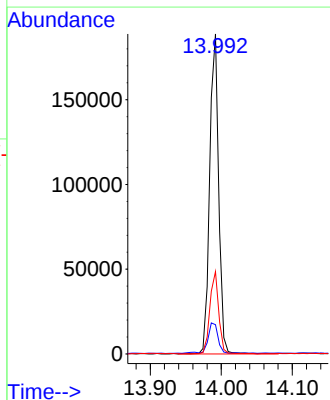
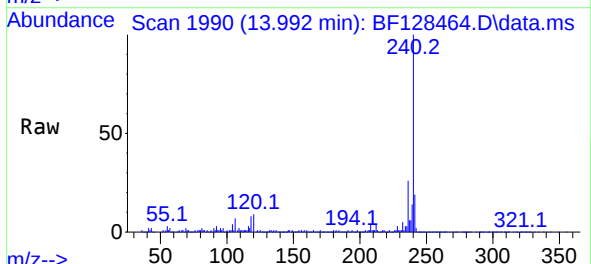
Manual Integrations
APPROVED

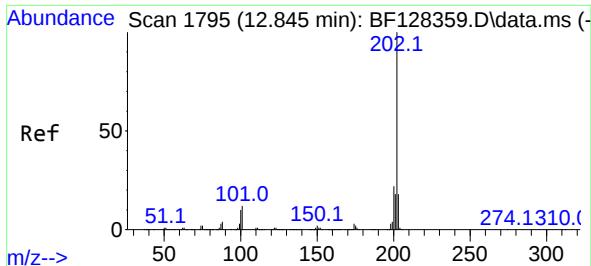
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

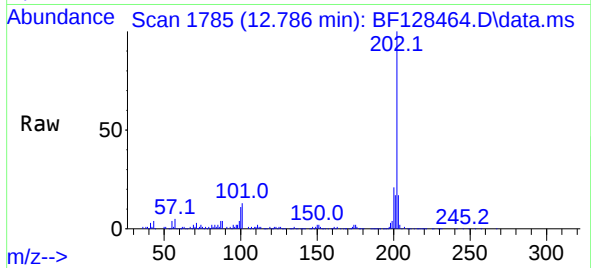
Tgt Ion:240 Resp: 166633
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.7 20.3 30.5





#78
Pyrene
Concen: 5.727 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

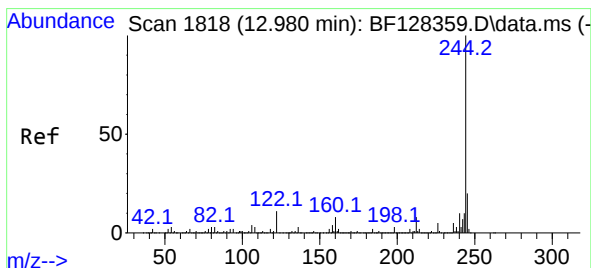
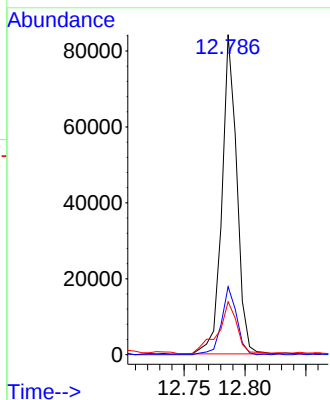
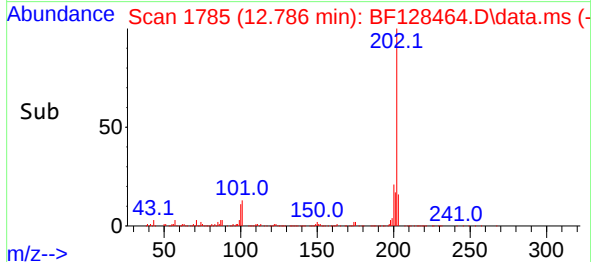
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



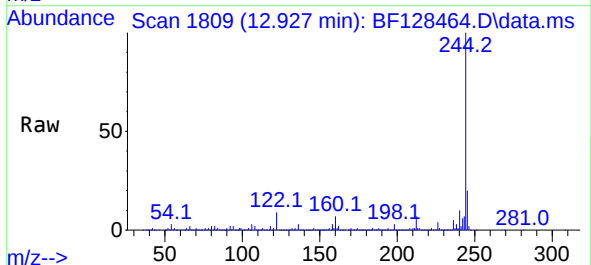
Tgt Ion:202 Resp: 7145
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 16.6 14.0 21.0

Manual Integrations
APPROVED

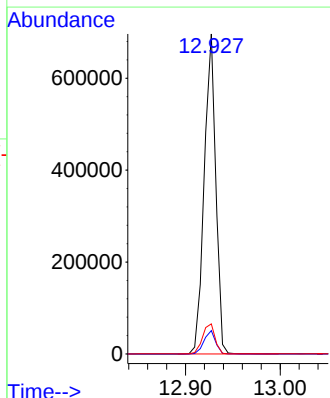
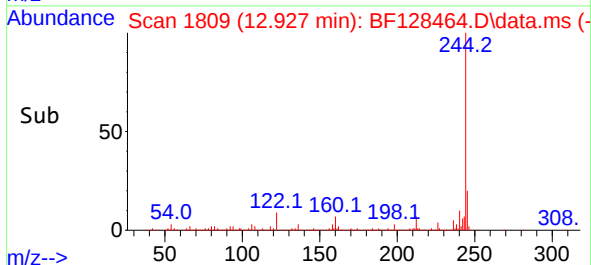
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

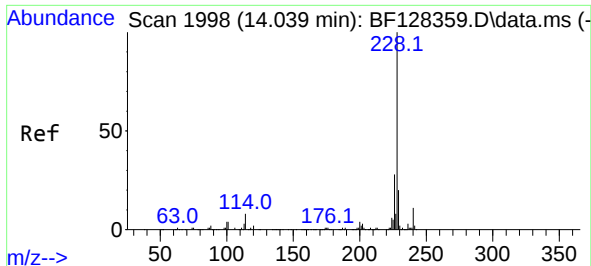


#79
Terphenyl-d14
Concen: 68.491 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



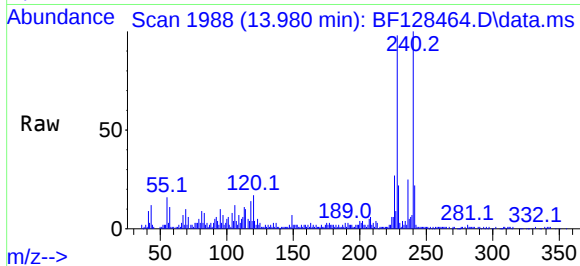
Tgt Ion:244 Resp: 591215
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.4 8.6 12.8





#81
Benzo(a)anthracene
Concen: 3.472 ng
RT: 13.980 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

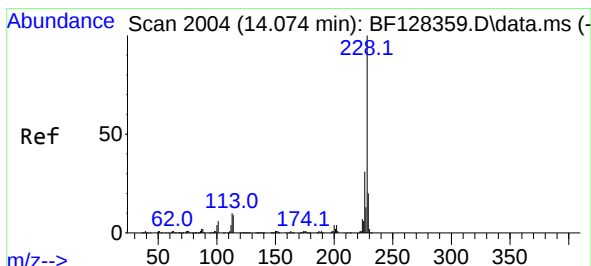
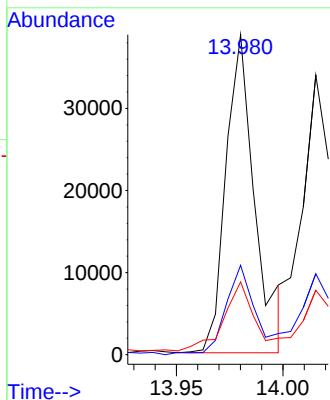
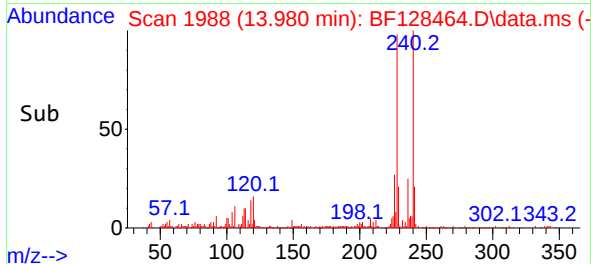
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



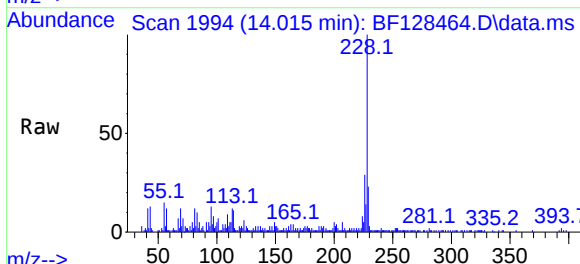
Tgt Ion:228 Resp: 36814
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 22.7 15.4 23.2

Manual Integrations
APPROVED

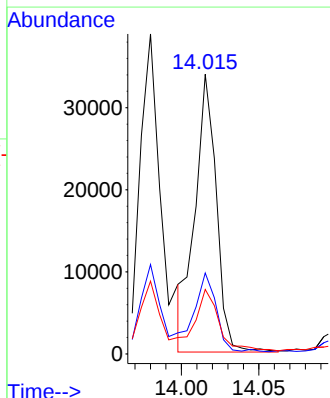
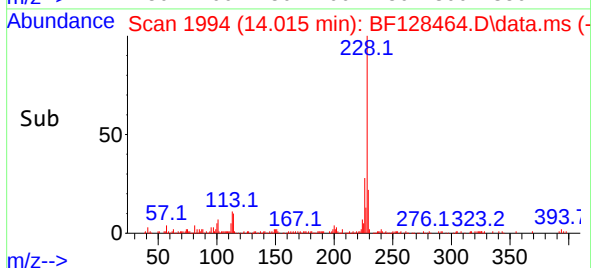
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

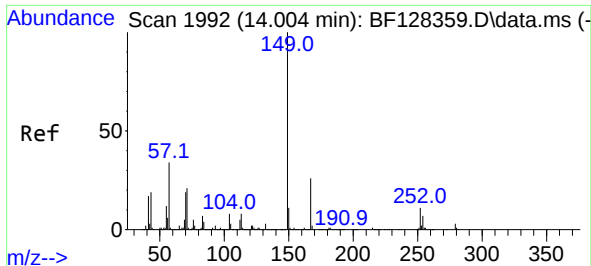


#83
Chrysene
Concen: 3.217 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23



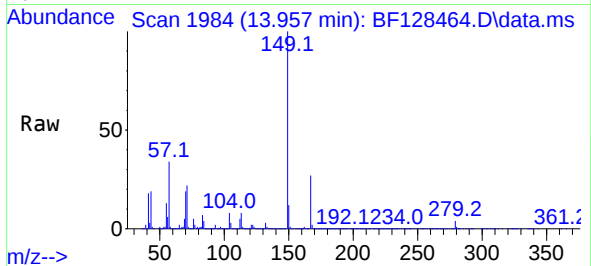
Tgt Ion:228 Resp: 32482
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 23.0 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 156.445 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

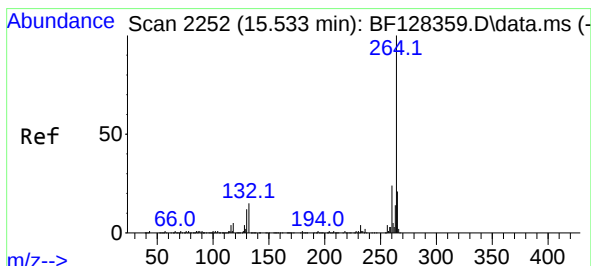
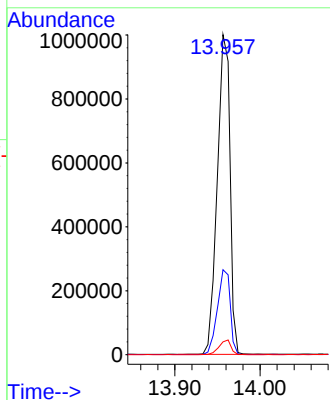
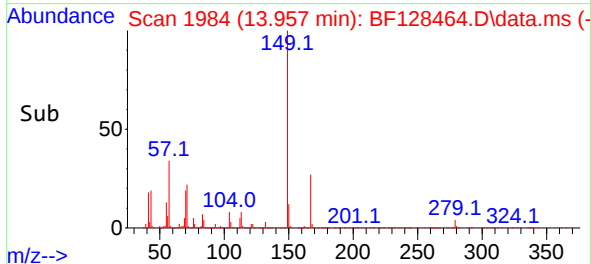
Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01



Tgt Ion:149 Resp: 103508
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 4.0 3.4 5.0

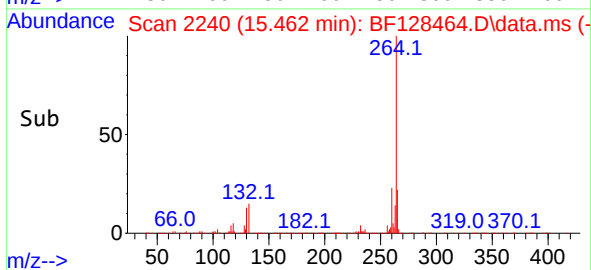
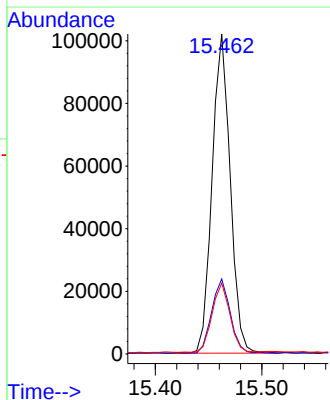
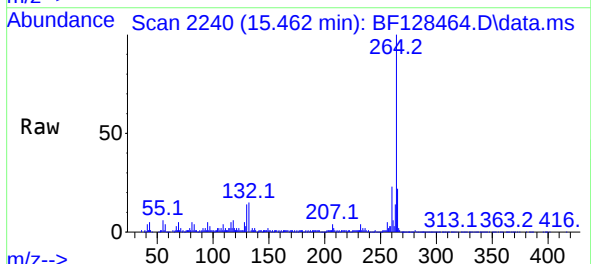
Manual Integrations
APPROVED

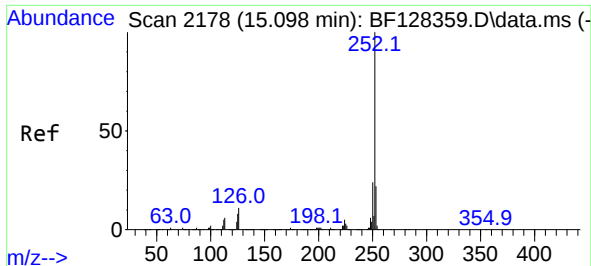
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

Tgt Ion:264 Resp: 120010
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 22.1 17.5 26.3





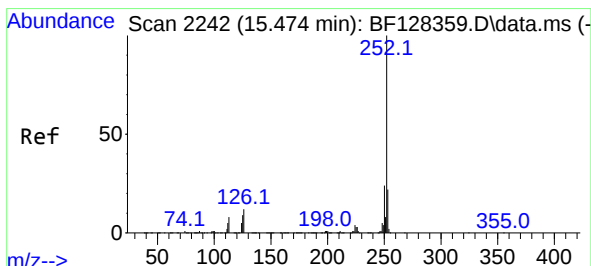
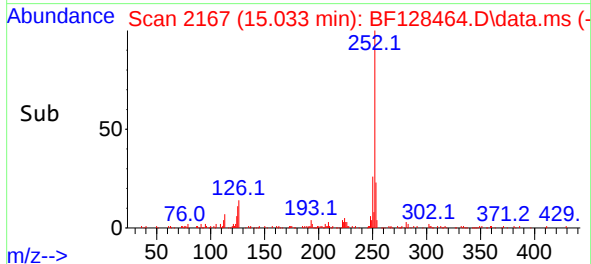
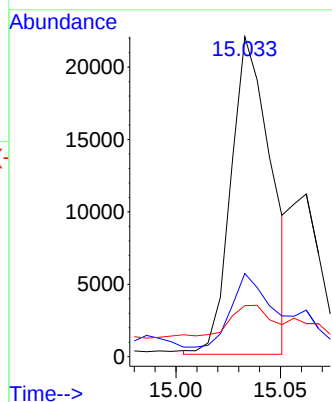
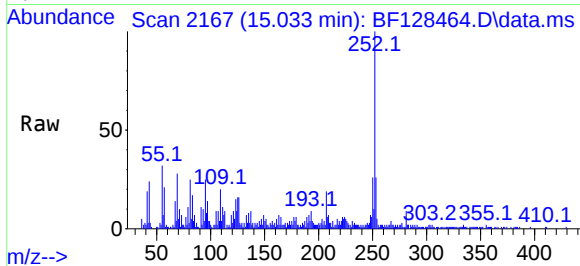
#88
Benzo(b)fluoranthene
Concen: 3.906 ng m
RT: 15.033 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

Instrument :
BNA_F
ClientSampleId :
P039-SS001-2430-01

Tgt Ion:252 Resp: 2916
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.2
125 15.9 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#90
Benzo(a)pyrene
Concen: 2.795 ng
RT: 15.404 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF128464.D
Acq: 25 May 2022 17:23

Tgt Ion:252 Resp: 16751
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 16.4 9.2 13.8

