

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128028.D
 Acq On : 02 May 2022 16:15
 Operator : CG\JU
 Sample : N2637-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 18:33:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	98265	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	347199	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	166525	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	246028	20.000	ng	0.00
76) Chrysene-d12	14.121	240	194984	20.000	ng	0.00
86) Perylene-d12	15.633	264	149027	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	23887	3.872	ng	0.04
7) Phenol-d6	6.575	99	211720	26.448	ng	0.01
23) Nitrobenzene-d5	7.492	82	418658	56.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	1120	0.668	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	657375	66.783	ng	0.00
79) Terphenyl-d14	13.057	244	565542	53.037	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.492	178	270375	20.994	ng	98
74) Di-n-butylphthalate	12.021	149	56393	4.056	ng	# 96
75) Fluoranthene	12.692	202	120487	8.889	ng	97
78) Pyrene	12.921	202	138984	8.830	ng	96
80) Butylbenzylphthalate	13.527	149	36011	5.837	ng	95
81) Benzo(a)anthracene	14.110	228	46753	3.597	ng	# 92
83) Chrysene	14.145	228	55863	4.501	ng	96
84) Bis(2-ethylhexyl)phtha...	14.086	149	1432870	175.138	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	20139	2.025	ng	# 93
88) Benzo(b)fluoranthene	15.180	252	63923m	6.829	ng	
90) Benzo(a)pyrene	15.562	252	23950	3.085	ng	# 71
92) Benzo(g,h,i)perylene	17.650	276	17552	2.088	ng	# 86

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

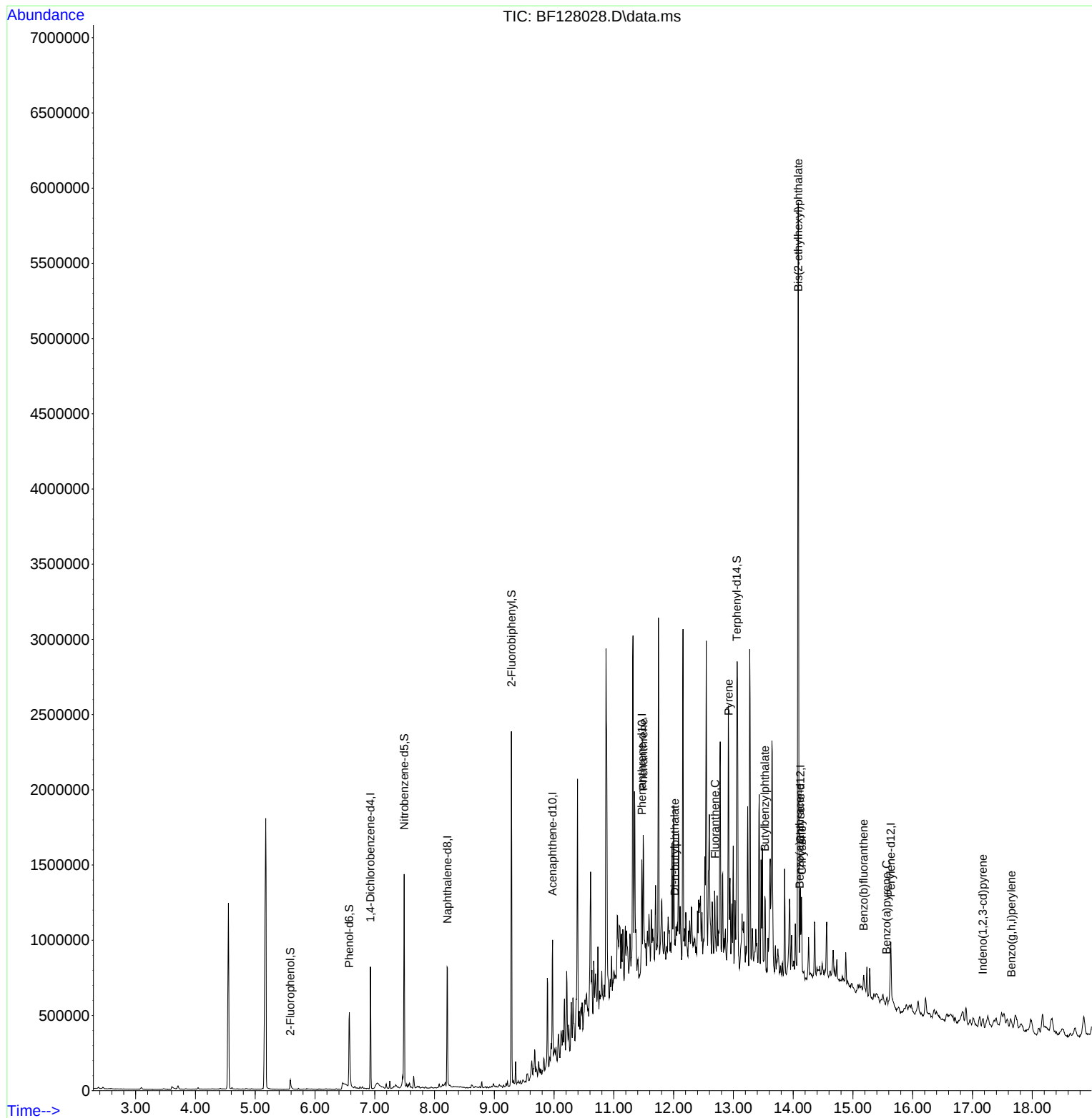
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128028.D
Acq On : 02 May 2022 16:15
Operator : CG\JU
Sample : N2637-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-8

Quant Time: May 02 18:33:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

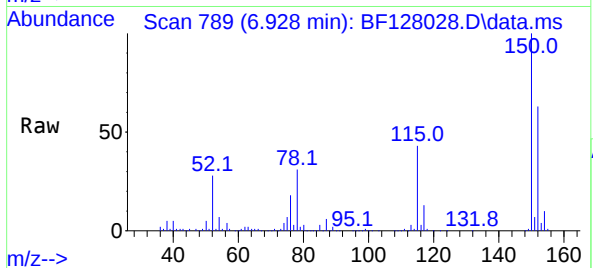
Reviewed By : Christian Giraldo 05/03/2022
Supervised By : Jagrut Upadhyay 05/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

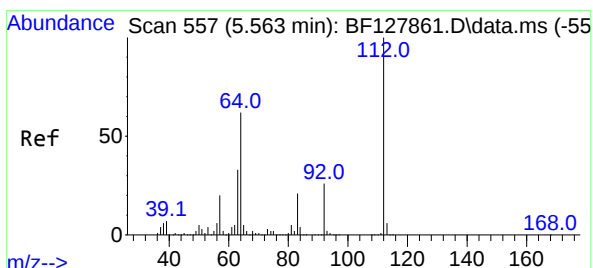
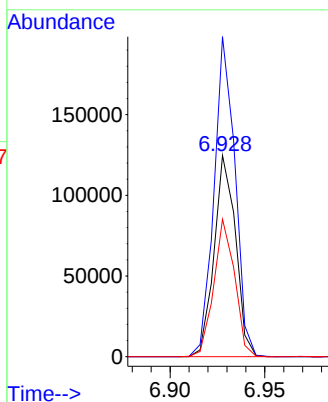
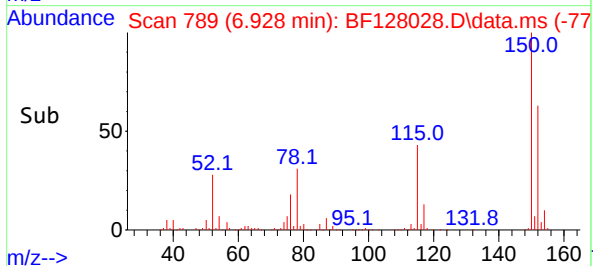
Instrument :
BNA_F
ClientSampleId :
DS-8



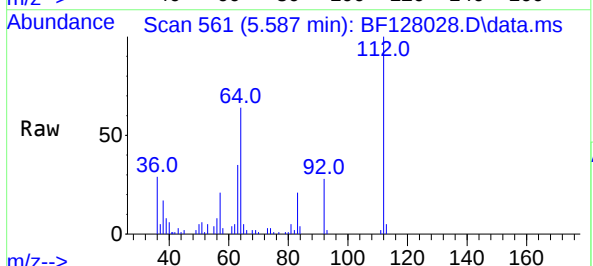
Tgt Ion:152 Resp: 9826
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 68.3 48.8 73.2

Manual Integrations
APPROVED

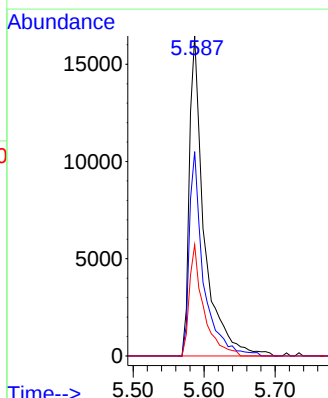
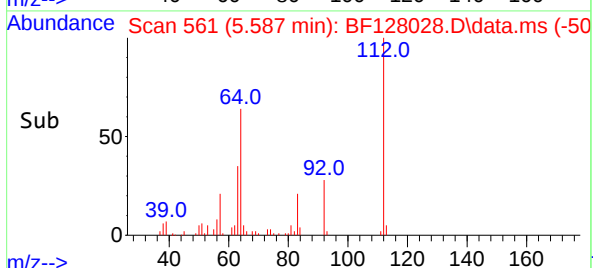
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

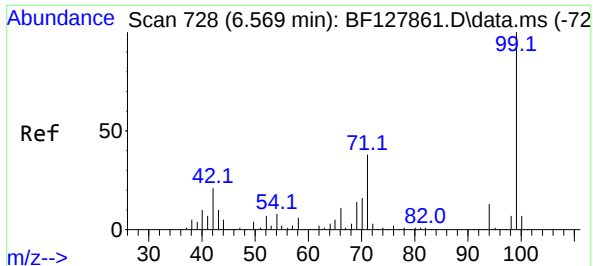


#5
2-Fluorophenol
Concen: 3.872 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.035 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



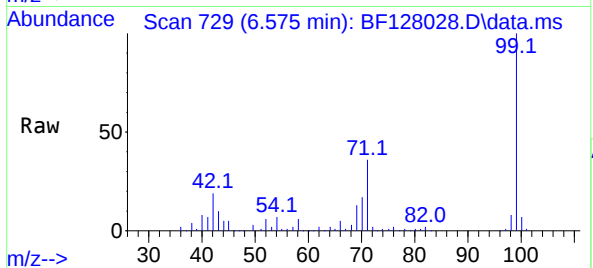
Tgt Ion:112 Resp: 23887
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.7 26.3 39.5





#7
Phenol-d6
Concen: 26.448 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

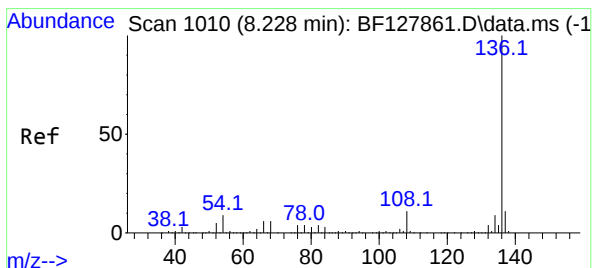
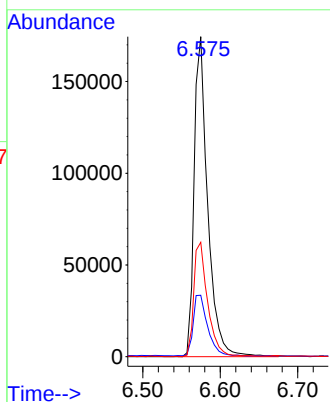
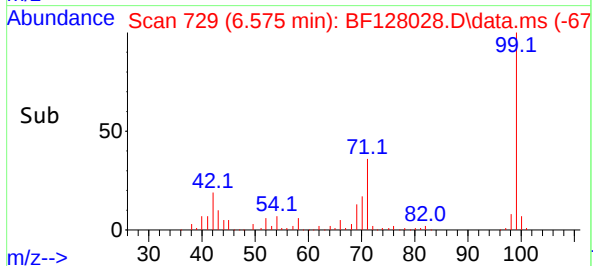
Instrument :
BNA_F
ClientSampleId :
DS-8



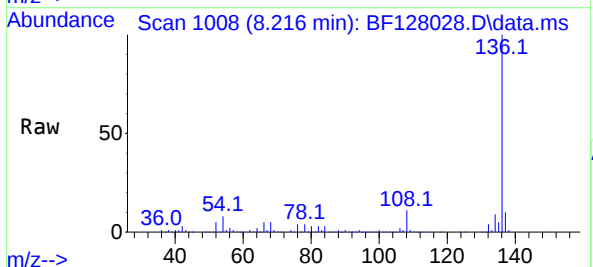
Tgt Ion: 99 Resp: 211720
Ion Ratio Lower Upper
99 100
42 19.2 16.6 24.8
71 35.8 30.0 45.0

Manual Integrations
APPROVED

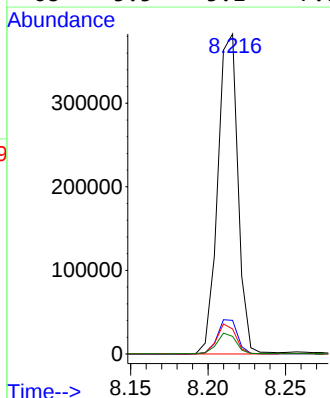
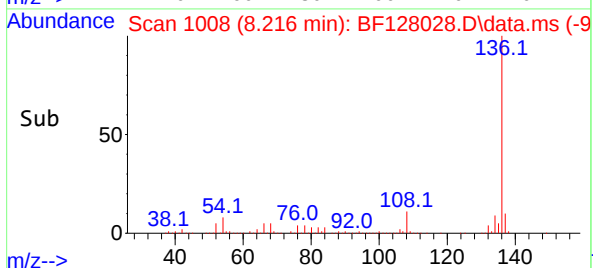
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



Tgt Ion:136 Resp: 347199
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.8 6.8 10.2
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 56.702 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128028.D

Acq: 02 May 2022 16:15

Instrument :

BNA_F

ClientSampleId :

DS-8

Tgt Ion: 82 Resp: 418658

Ion Ratio Lower Upper

82 100

128 36.8 30.0 45.0

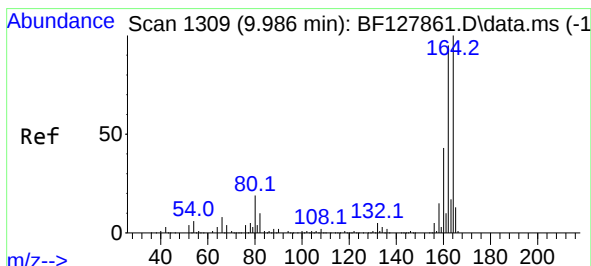
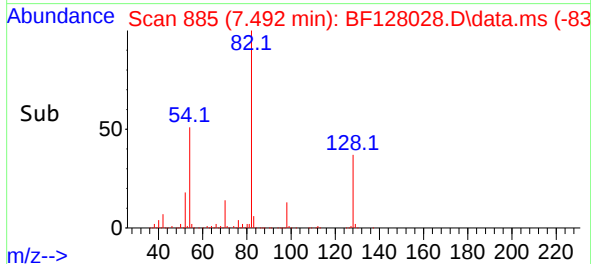
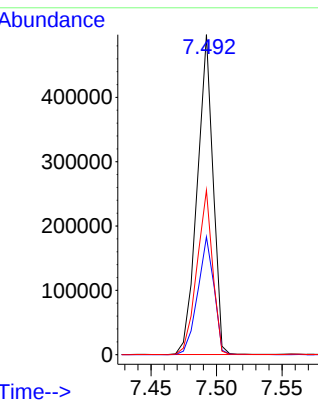
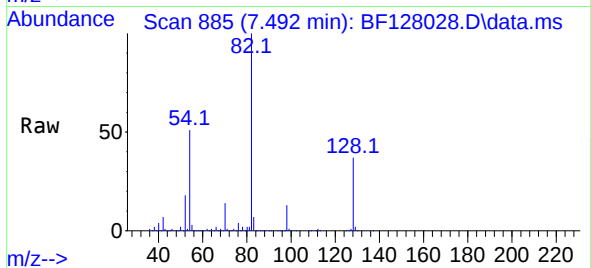
54 51.4 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF128028.D

Acq: 02 May 2022 16:15

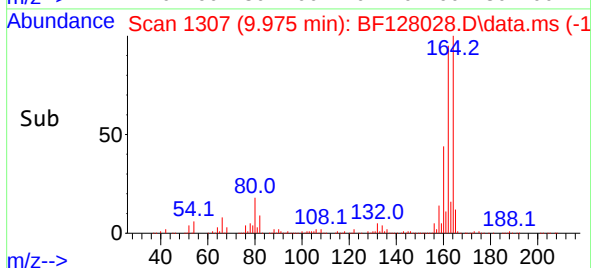
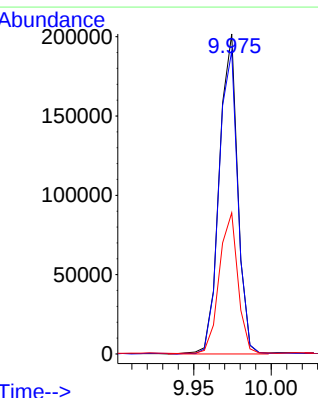
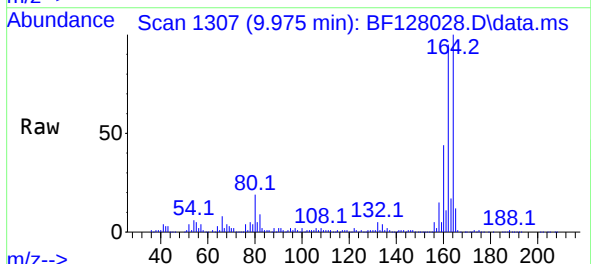
Tgt Ion:164 Resp: 166525

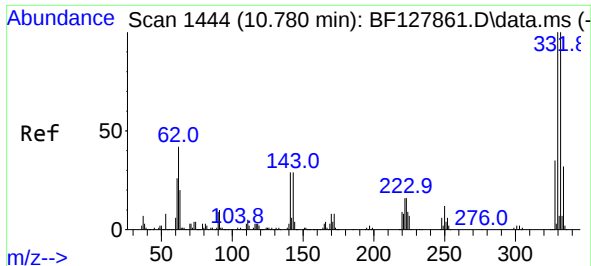
Ion Ratio Lower Upper

164 100

162 94.7 76.0 114.0

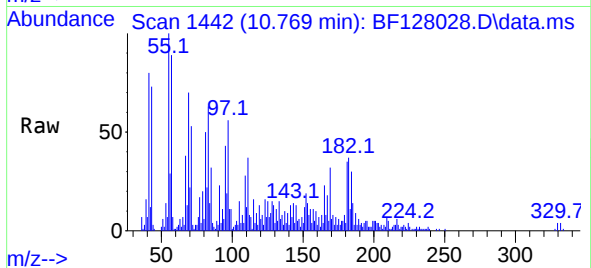
160 44.1 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 0.668 ng
RT: 10.769 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

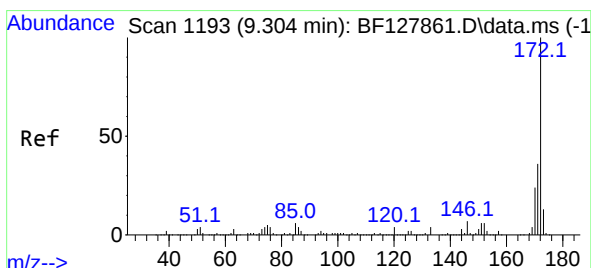
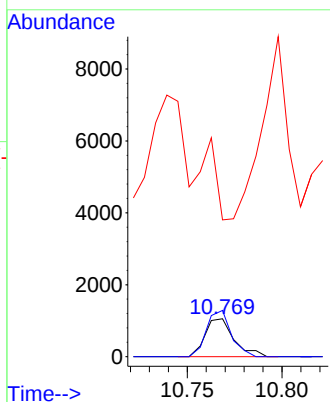
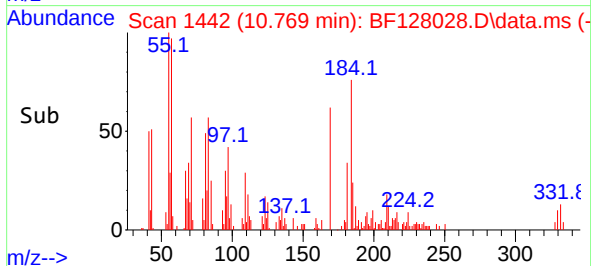
Instrument :
BNA_F
ClientSampleId :
DS-8



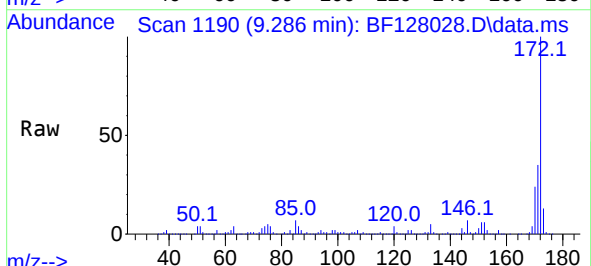
Tgt Ion: 330 Resp: 1120
Ion Ratio Lower Upper
330 100
332 104.2 79.0 118.4
141 0.0 28.9 43.3

Manual Integrations
APPROVED

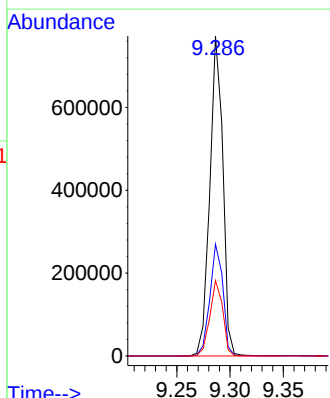
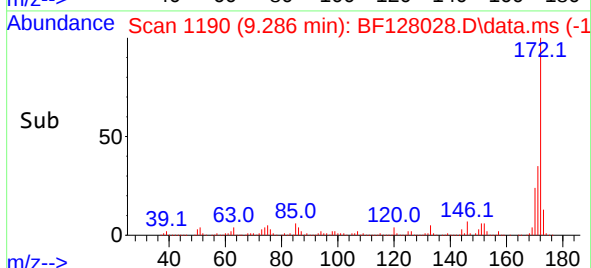
Reviewed By : Christian Giraldo 05/03/2022
Supervised By : Jagrut Upadhyay 05/05/2022

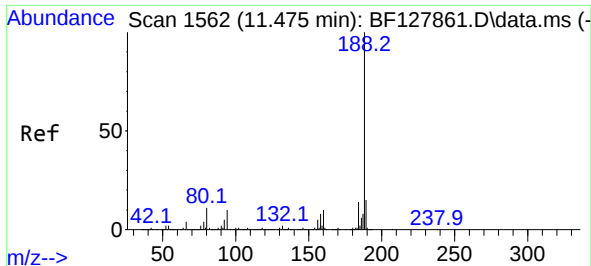


#45
2-Fluorobiphenyl
Concen: 66.783 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



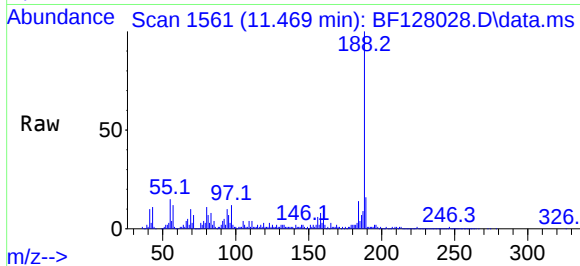
Tgt Ion: 172 Resp: 657375
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

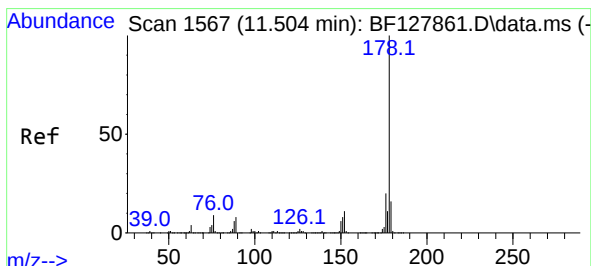
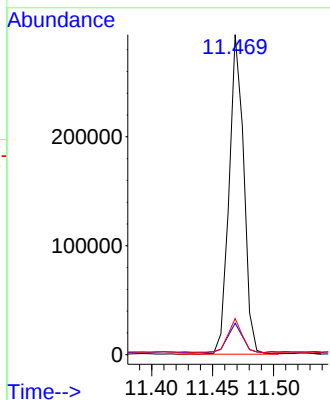
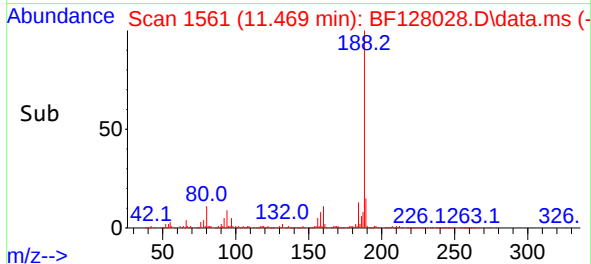
Instrument :
BNA_F
ClientSampleId :
DS-8



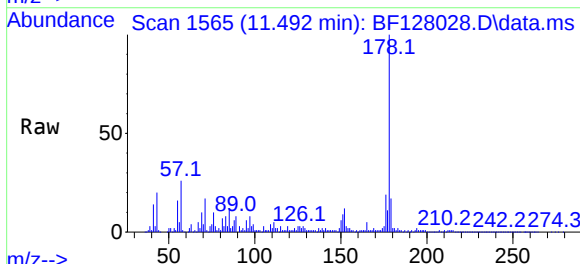
Tgt Ion:188 Resp: 246028
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.3 8.9 13.3

Manual Integrations
APPROVED

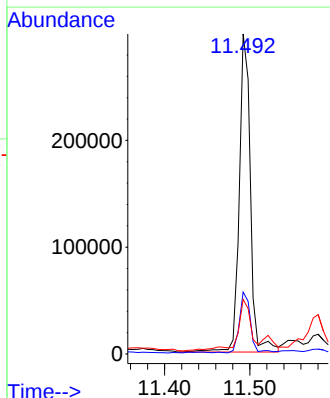
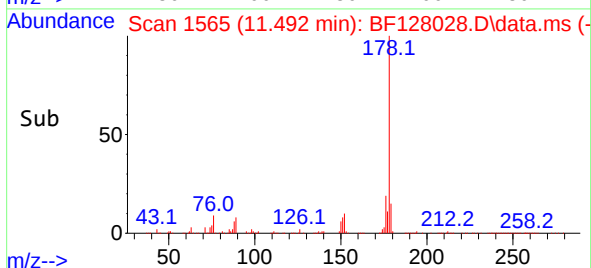
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

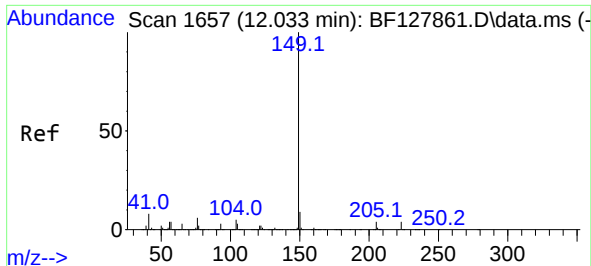


#71
Phenanthrene
Concen: 20.994 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



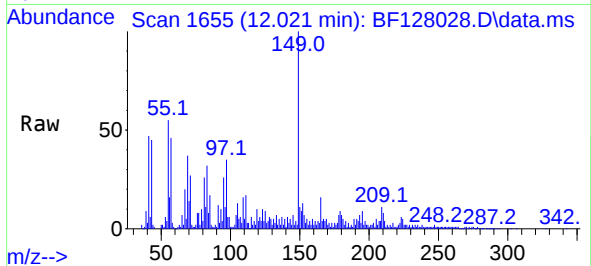
Tgt Ion:178 Resp: 270375
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 17.0 12.6 19.0





#74
Di-n-butylphthalate
Concen: 4.056 ng
RT: 12.021 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

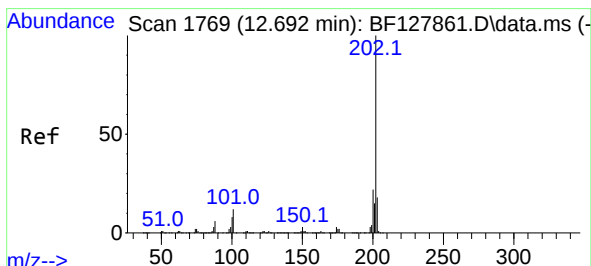
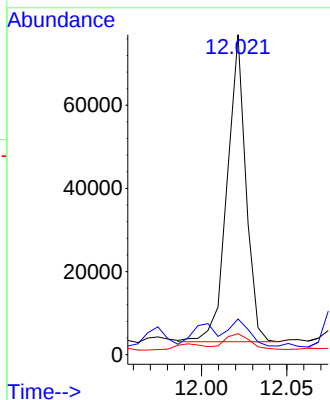
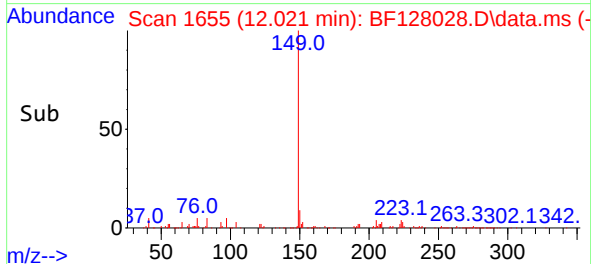
Instrument :
BNA_F
ClientSampleId :
DS-8



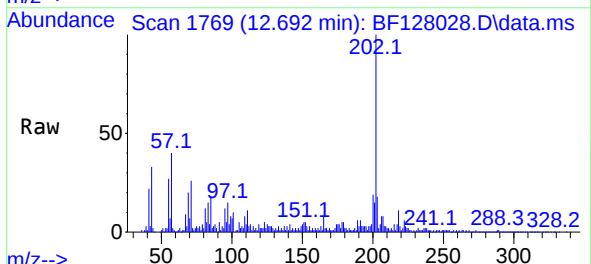
Tgt Ion:149 Resp: 5639
Ion Ratio Lower Upper
149 100
150 11.2 7.5 11.3
104 6.5 4.3 6.5

Manual Integrations
APPROVED

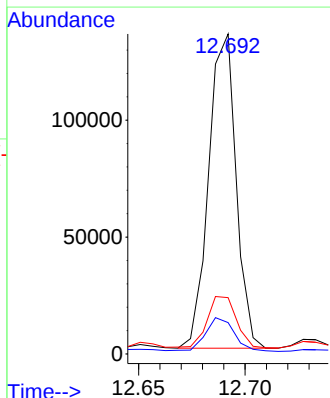
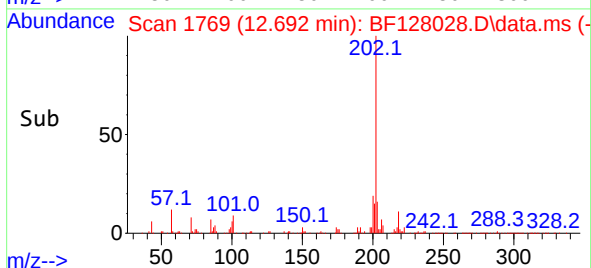
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

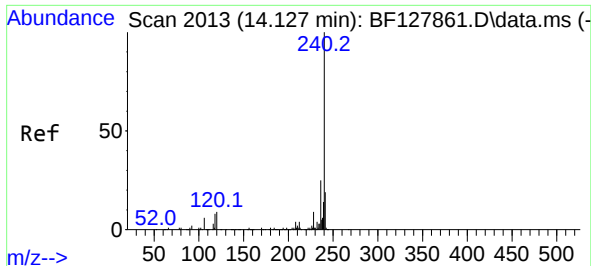


#75
Fluoranthene
Concen: 8.889 ng
RT: 12.692 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



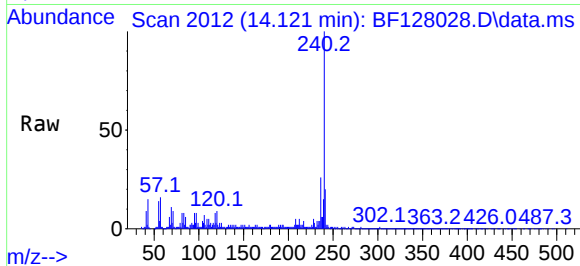
Tgt Ion:202 Resp: 120487
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.6
203 17.6 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

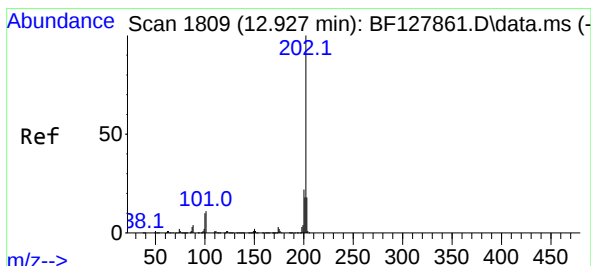
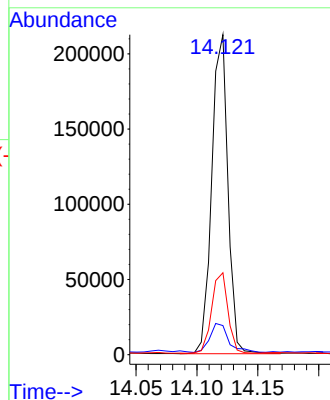
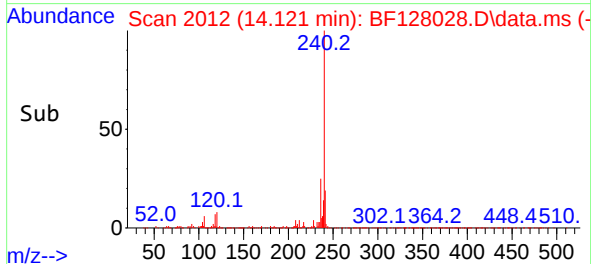
Instrument :
BNA_F
ClientSampleId :
DS-8



Tgt Ion:240 Resp: 194984
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.6 20.3 30.5

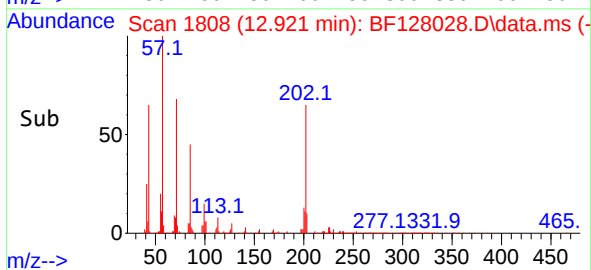
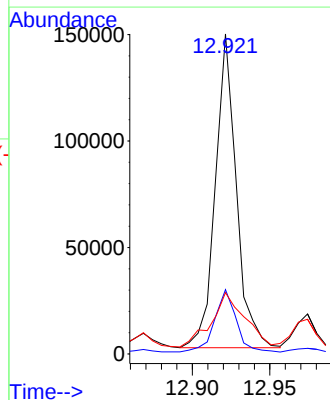
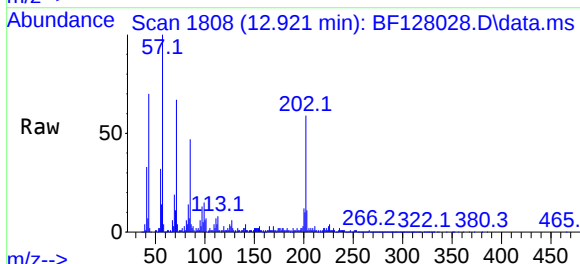
Manual Integrations
APPROVED

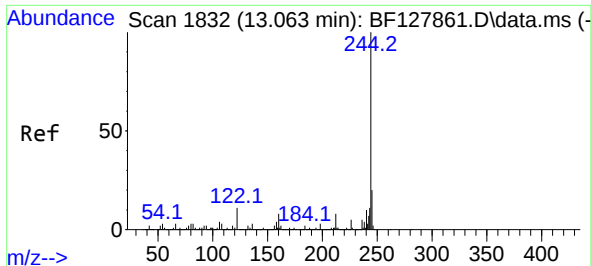
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#78
Pyrene
Concen: 8.830 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

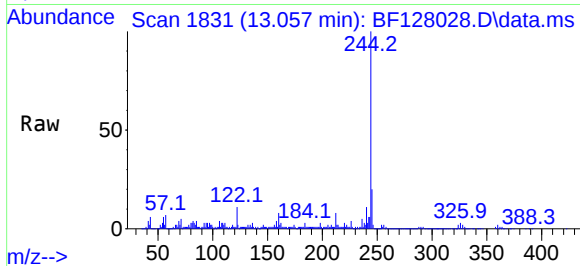
Tgt Ion:202 Resp: 138984
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 19.2 14.0 21.0





#79
 Terphenyl-d14
 Concen: 53.037 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128028.D
 Acq: 02 May 2022 16:15

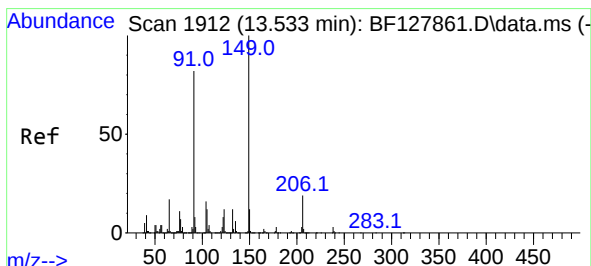
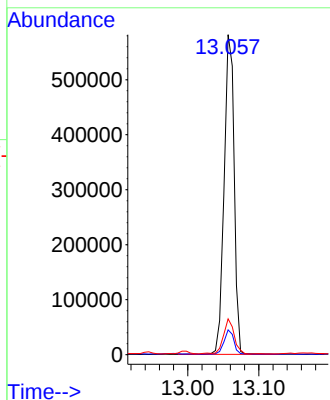
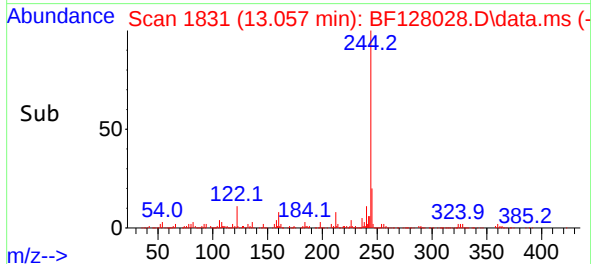
Instrument :
 BNA_F
 ClientSampleId :
 DS-8



Tgt Ion:244 Resp: 56554
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 11.2 8.6 12.8

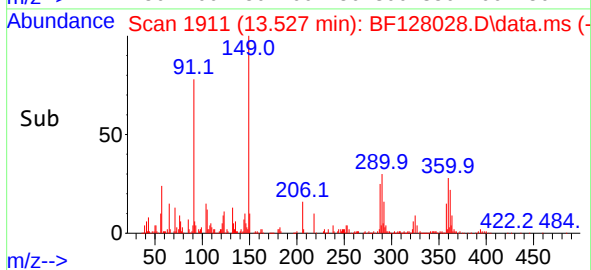
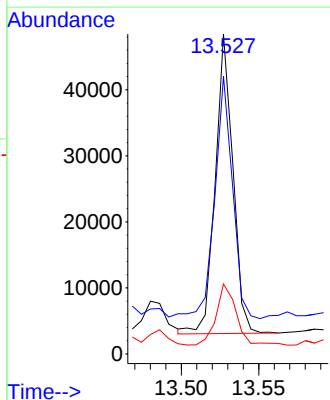
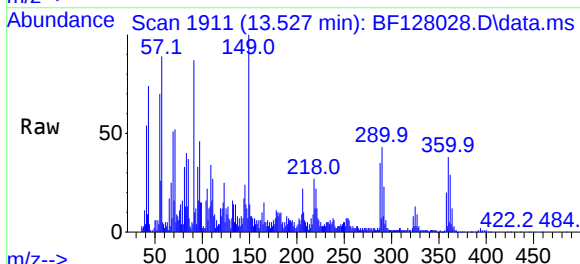
Manual Integrations
 APPROVED

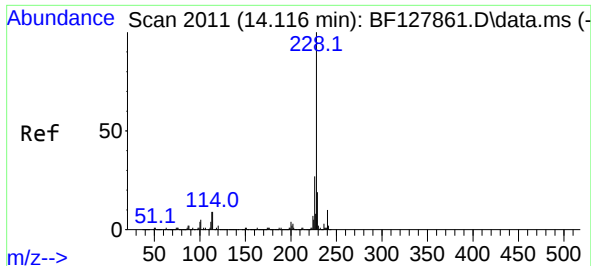
Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#80
 Butylbenzylphthalate
 Concen: 5.837 ng
 RT: 13.527 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: BF128028.D
 Acq: 02 May 2022 16:15

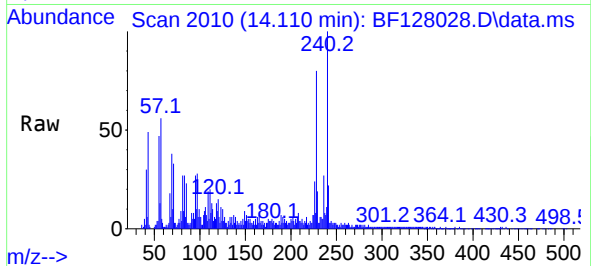
Tgt Ion:149 Resp: 36011
 Ion Ratio Lower Upper
 149 100
 91 86.9 65.8 98.6
 206 21.8 15.4 23.2





#81
Benzo(a)anthracene
Concen: 3.597 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

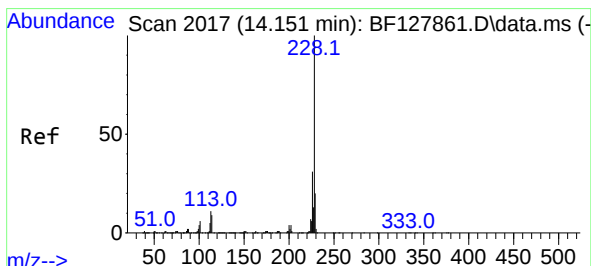
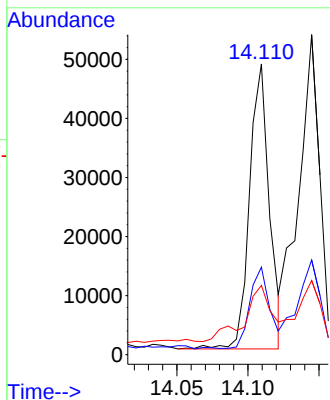
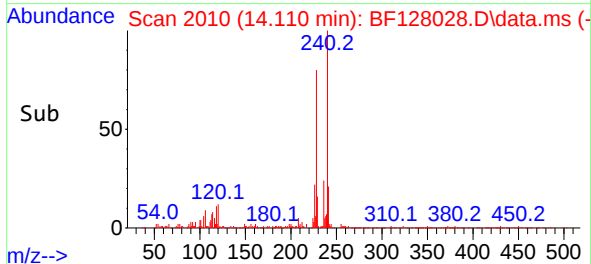
Instrument :
BNA_F
ClientSampleId :
DS-8



Tgt Ion:228 Resp: 4675
Ion Ratio Lower Upper
228 100
226 30.1 21.7 32.5
229 23.9 15.4 23.2

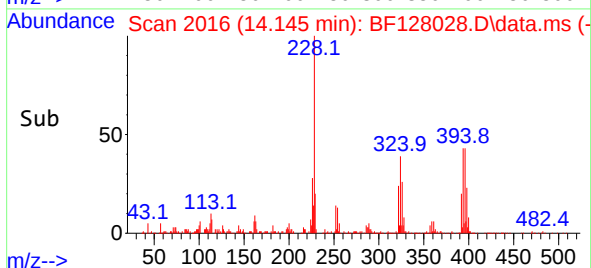
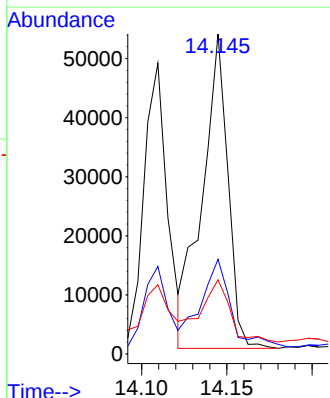
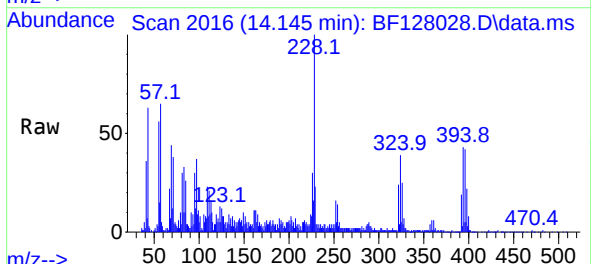
Manual Integrations
APPROVED

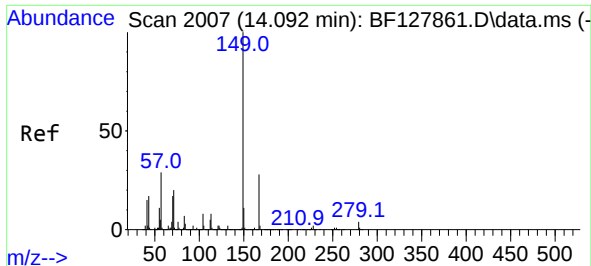
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#83
Chrysene
Concen: 4.501 ng
RT: 14.145 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

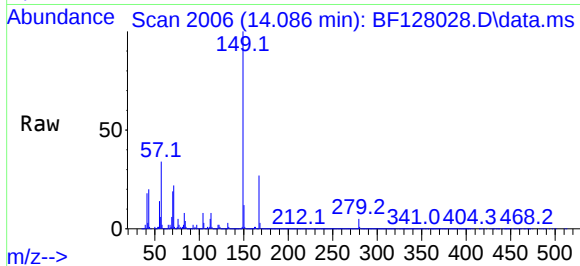
Tgt Ion:228 Resp: 55863
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 23.2 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 175.138 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

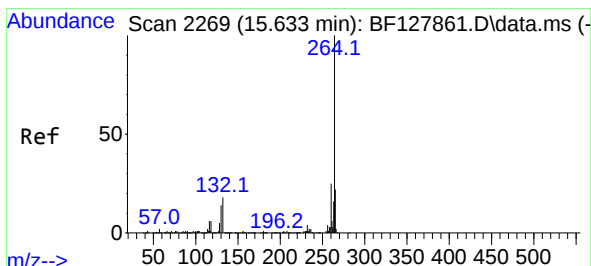
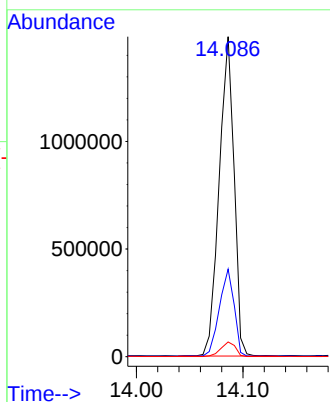
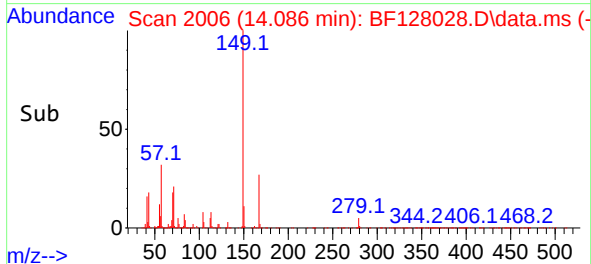
Instrument :
BNA_F
ClientSampleId :
DS-8



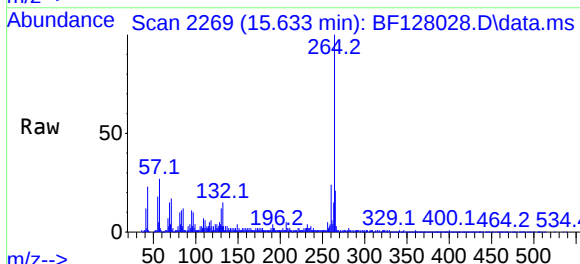
Tgt Ion:149 Resp: 1432870
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.6 3.4 5.0

Manual Integrations
APPROVED

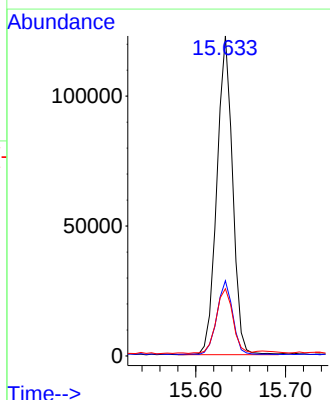
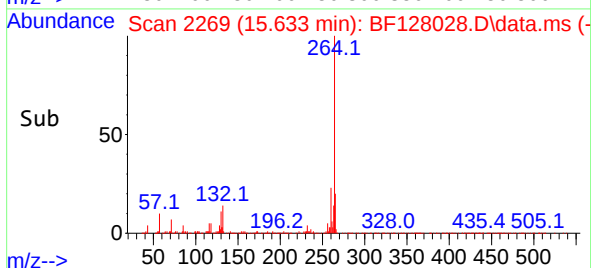
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

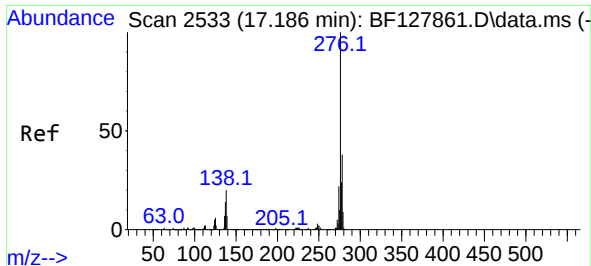


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



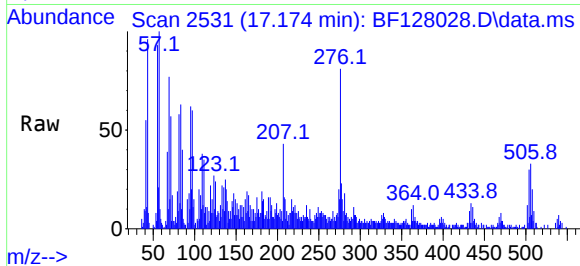
Tgt Ion:264 Resp: 149027
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.025 ng
RT: 17.174 min Scan# 20139
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

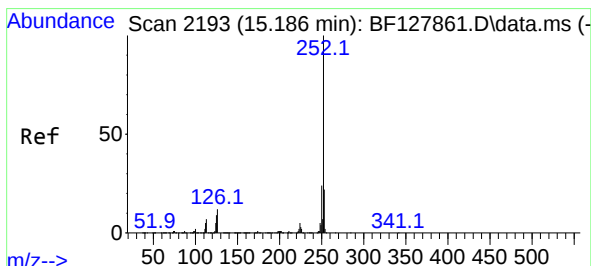
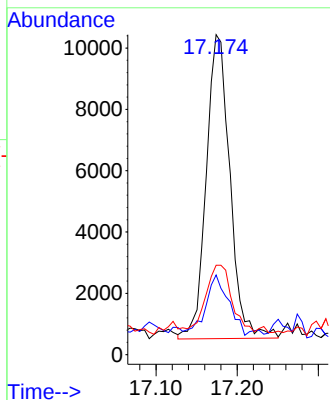
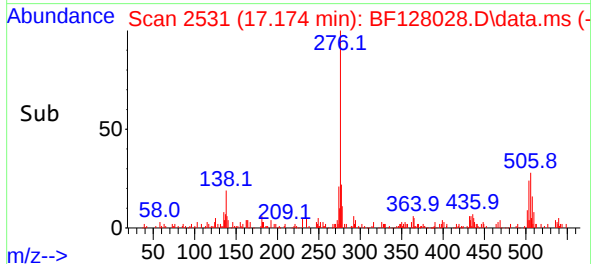
Instrument :
BNA_F
ClientSampleId :
DS-8



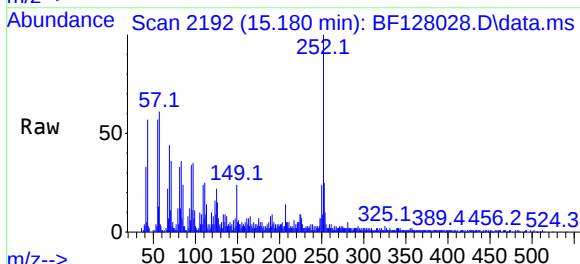
Tgt Ion: 276 Resp: 20139
Ion Ratio Lower Upper
276 100
138 18.0 19.0 28.4
277 24.1 20.1 30.1

Manual Integrations
APPROVED

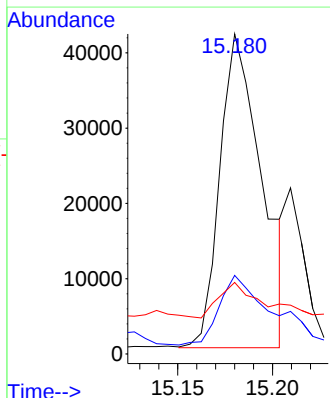
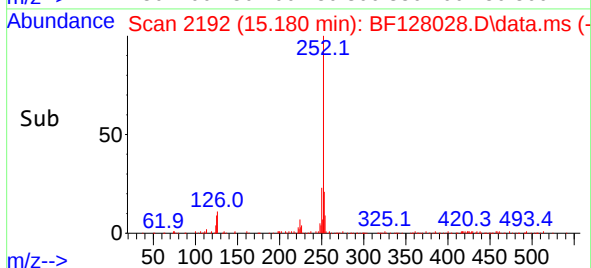
Reviewed By : Christian Giraldo 05/03/2022
Supervised By : Jagrut Upadhyay 05/05/2022

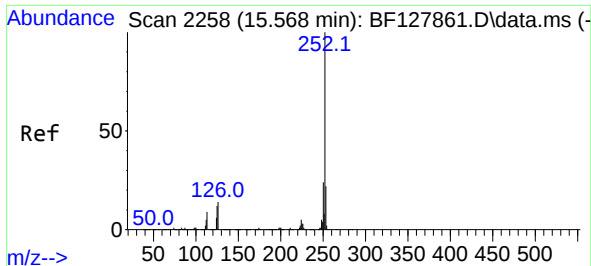


#88
Benzo(b)fluoranthene
Concen: 6.829 ng m
RT: 15.180 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



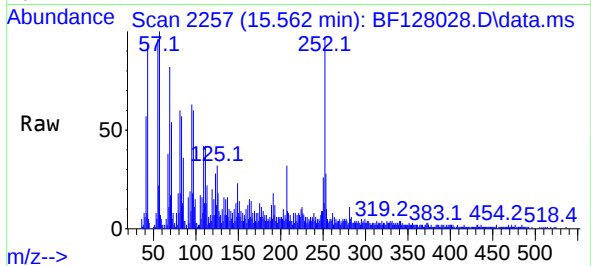
Tgt Ion: 252 Resp: 63923
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 22.4 7.4 11.2





#90
Benzo(a)pyrene
Concen: 3.085 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15

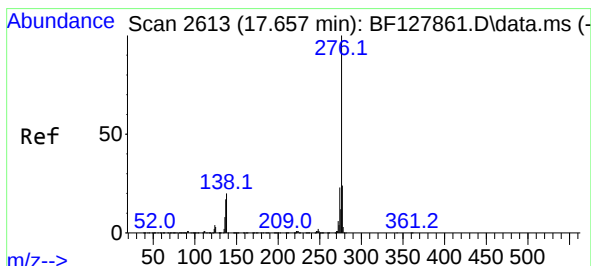
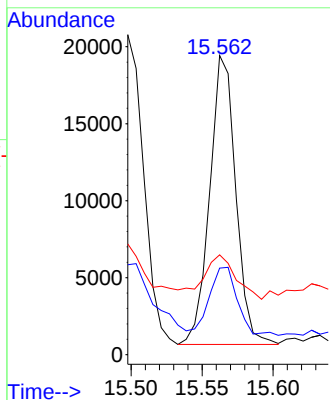
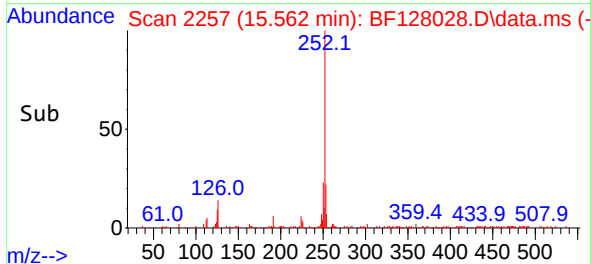
Instrument :
BNA_F
ClientSampleId :
DS-8



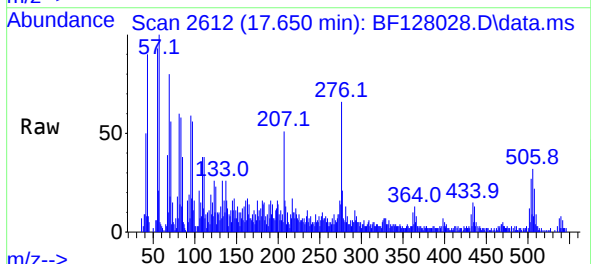
Tgt Ion:252 Resp: 23950
Ion Ratio Lower Upper
252 100
253 28.9 17.8 26.6
125 33.4 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#92
Benzo(g,h,i)perylene
Concen: 2.088 ng
RT: 17.650 min Scan# 2612
Delta R.T. 0.012 min
Lab File: BF128028.D
Acq: 02 May 2022 16:15



Tgt Ion:276 Resp: 17552
Ion Ratio Lower Upper
276 100
277 32.4 18.8 28.2#
138 24.7 16.2 24.2#

