

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128882.D
 Acq On : 20 Jun 2022 17:50
 Operator : CG\JU
 Sample : N3373-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6W

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/21/2022
 Supervised By : Jagrut Upadhyay 06/21/2022

Quant Time: Jun 21 01:17:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	112248	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	361765	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	196827	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	322783	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	191244	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	178316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	564002	80.034	ng	0.00
7) Phenol-d6	6.428	99	792901m	92.175	ng	-0.01
23) Nitrobenzene-d5	7.340	82	553622	71.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	167378	71.972	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	889277	63.289	ng	0.00
79) Terphenyl-d14	12.898	244	733540	66.649	ng	0.00
Target Compounds						Qvalue
55) Dibenzofuran	10.016	168	39523	2.448	ng	94
71) Phenanthrene	11.339	178	2375229	146.709	ng	100
72) Anthracene	11.381	178	67788m	4.230	ng	
73) Carbazole	11.539	167	403816	27.131	ng	99
74) Di-n-butylphthalate	11.869	149	47757	2.635	ng	# 89
75) Fluoranthene	12.557	202	5479442	323.777	ng	96
78) Pyrene	12.780	202	3373286	237.080	ng	100
81) Benzo(a)anthracene	13.933	228	157723	13.231	ng	98
83) Chrysene	13.969	228	149735	13.175	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	24385	3.139	ng	# 95

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

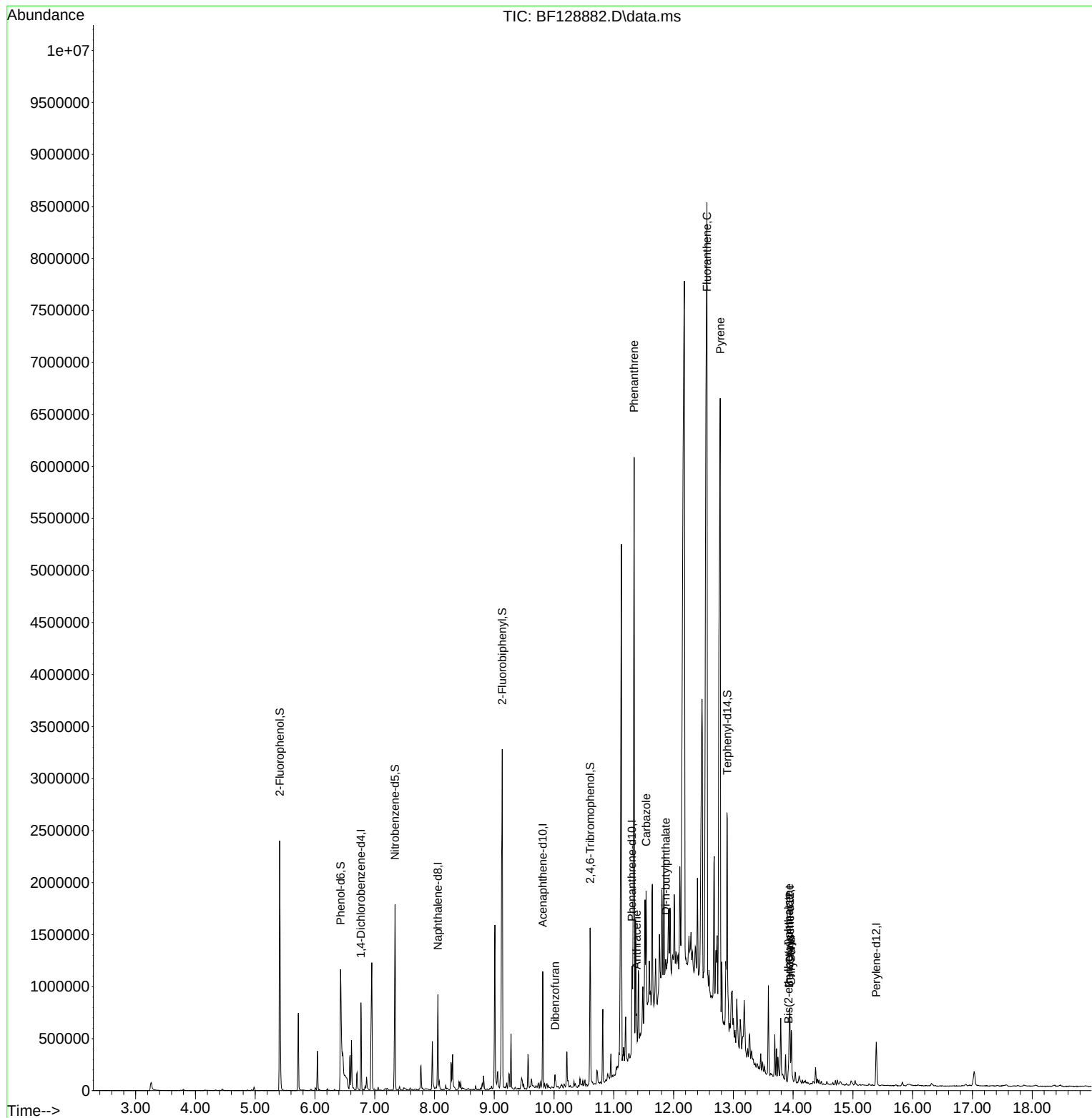
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128882.D
Acq On : 20 Jun 2022 17:50
Operator : CG\JU
Sample : N3373-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

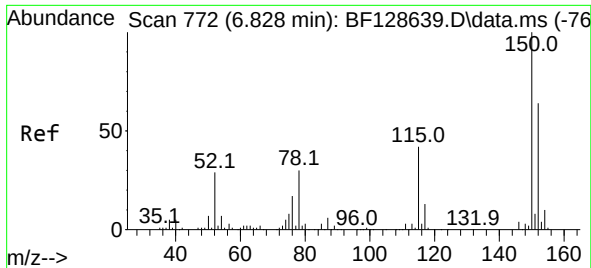
Instrument :
BNA_F
ClientSampleId :
SC-6W

Quant Time: Jun 21 01:17:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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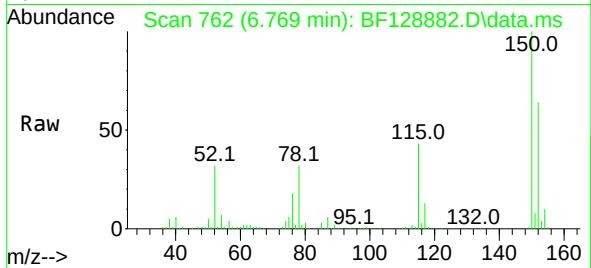
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

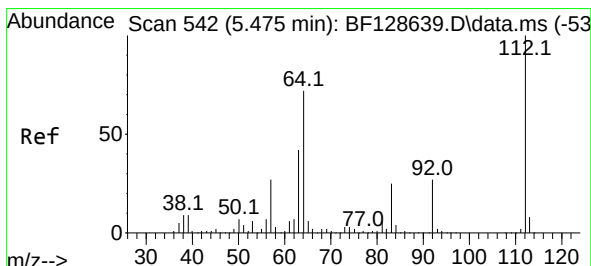
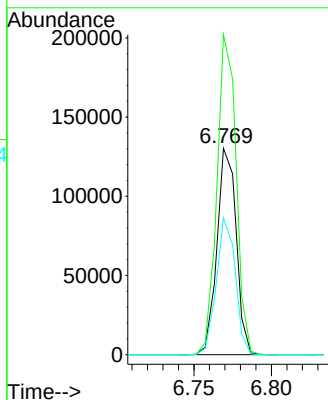
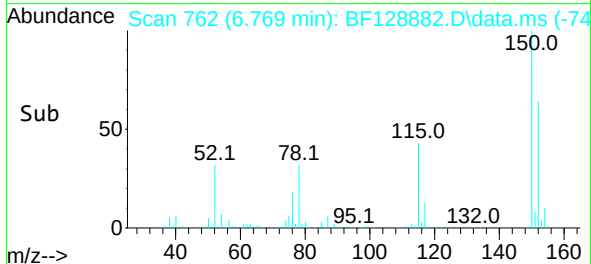
Instrument :
BNA_F
ClientSampleId :
SC-6W



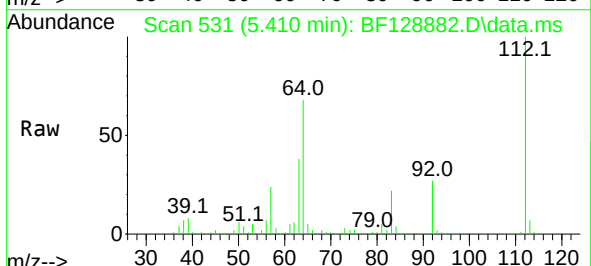
Tgt Ion:152 Resp: 112248
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 66.2 49.9 74.9

Manual Integrations
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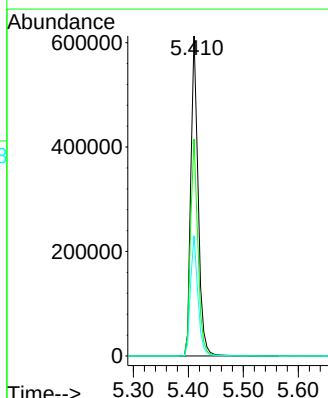
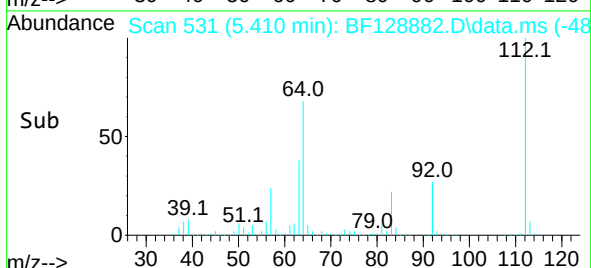
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

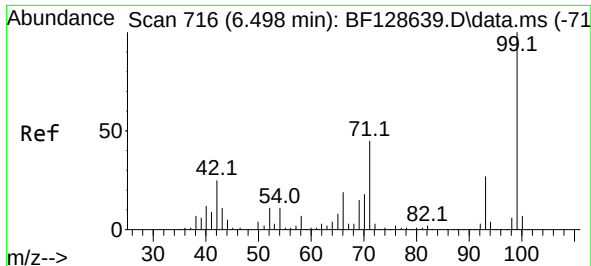


#5
2-Fluorophenol
Concen: 80.034 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.000 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50



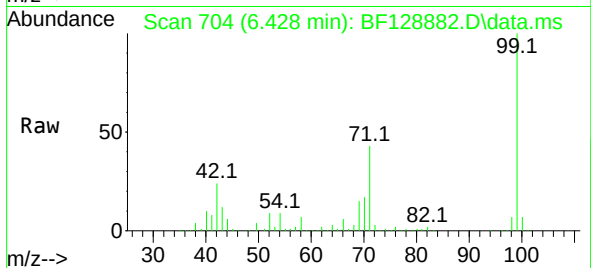
Tgt Ion:112 Resp: 564002
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 37.6 28.0 42.0





#7
Phenol-d6
Concen: 92.175 ng m
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

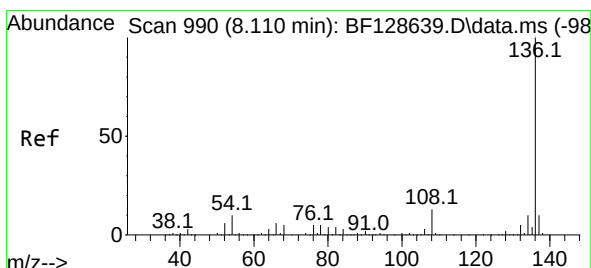
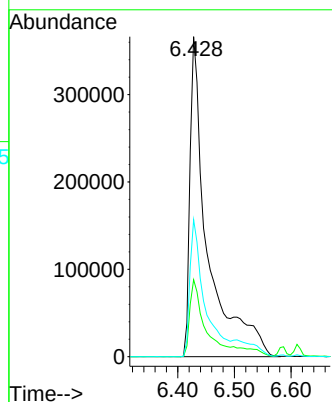
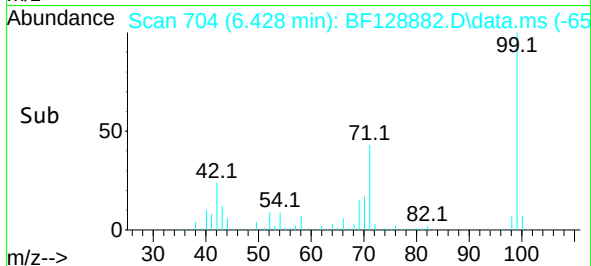
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion: 99 Resp: 79290
Ion Ratio Lower Upper
99 100
42 24.0 17.3 25.9
71 42.8 28.9 43.3

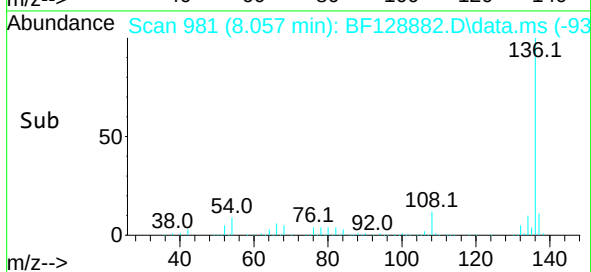
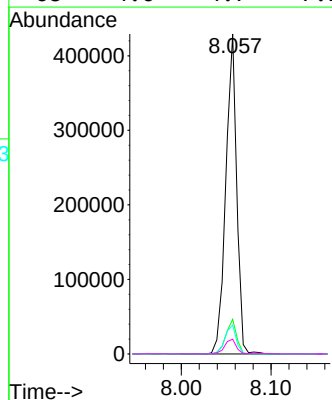
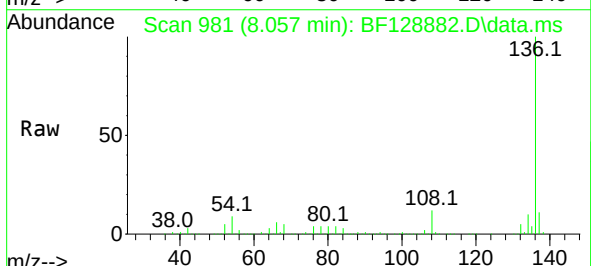
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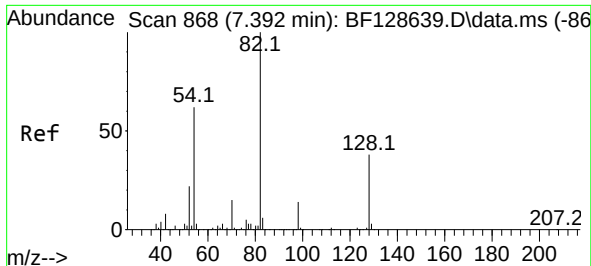
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

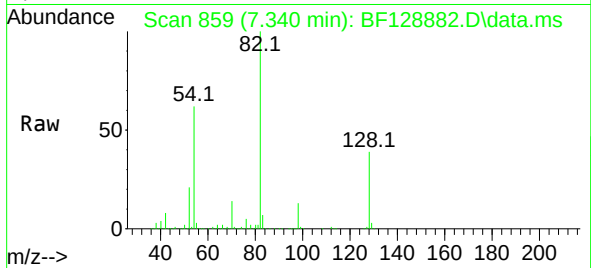
Tgt Ion:136 Resp: 361765
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.6 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 71.250 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

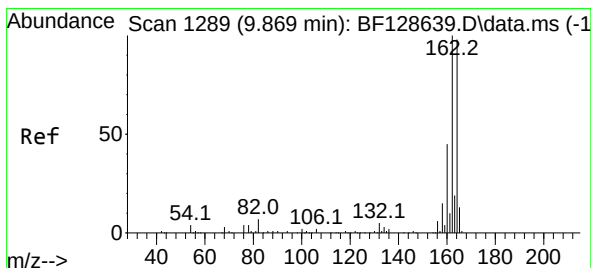
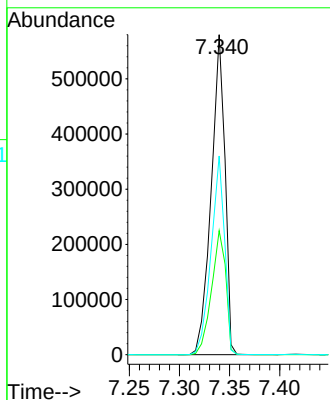
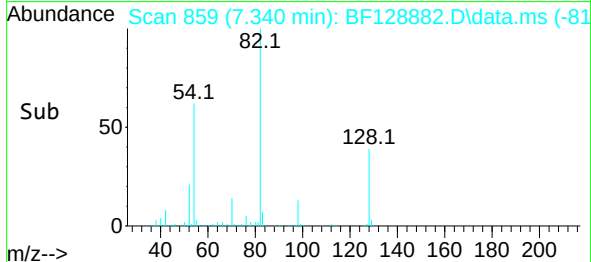
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion: 82 Resp: 55362
Ion Ratio Lower Upper
82 100
128 38.8 34.0 51.0
54 62.1 46.9 70.3

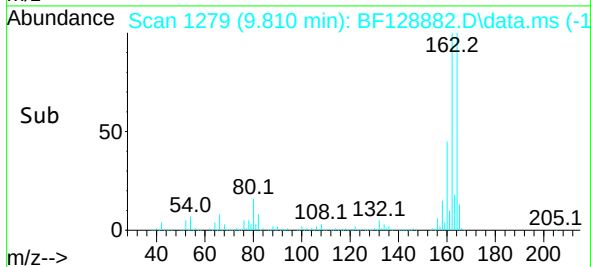
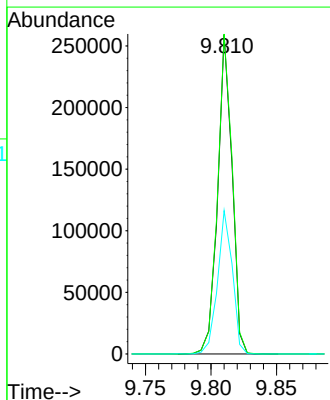
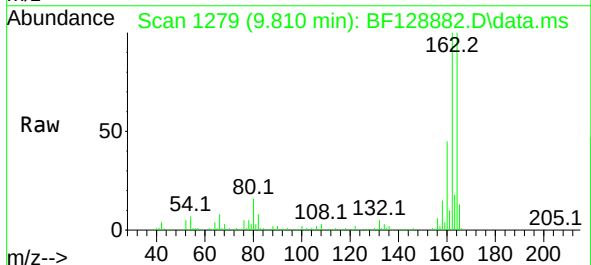
Manual Integrations
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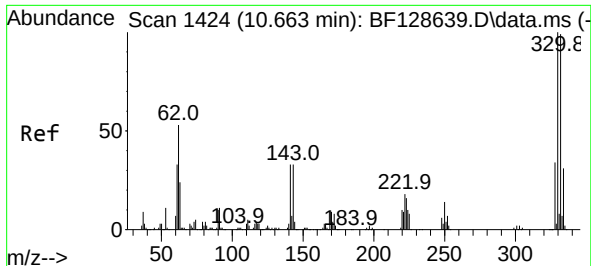
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

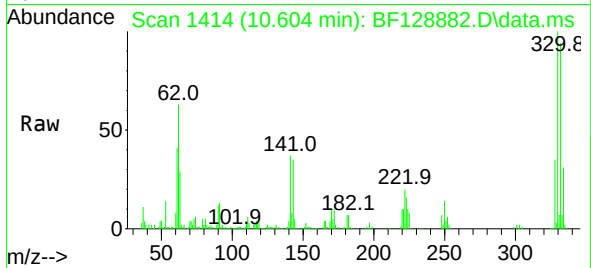
Tgt Ion:164 Resp: 196827
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 71.972 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

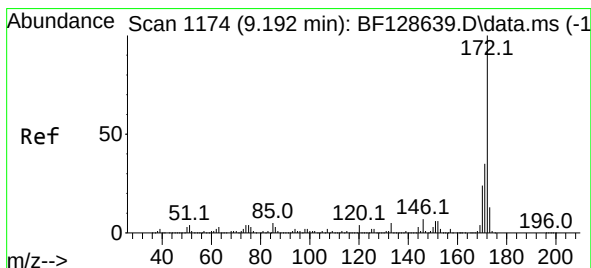
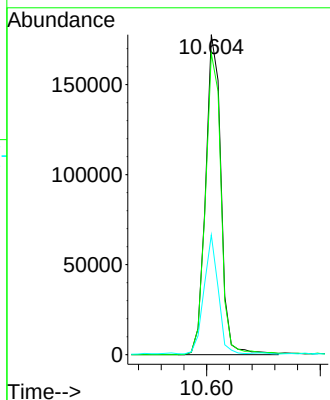
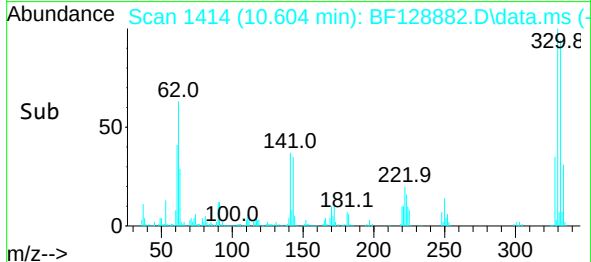
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion: 330 Resp: 167378
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 33.8 28.0 42.0

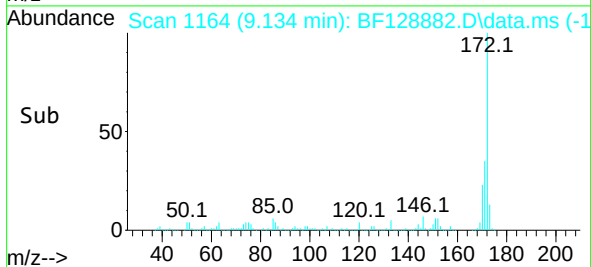
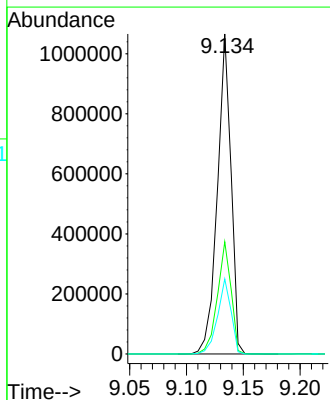
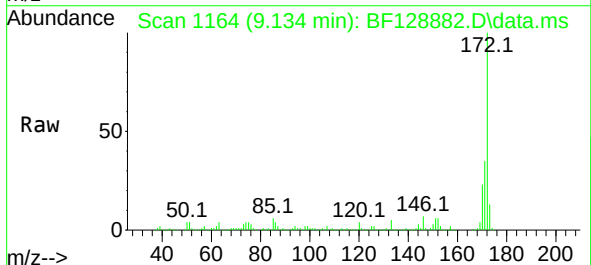
Manual Integrations
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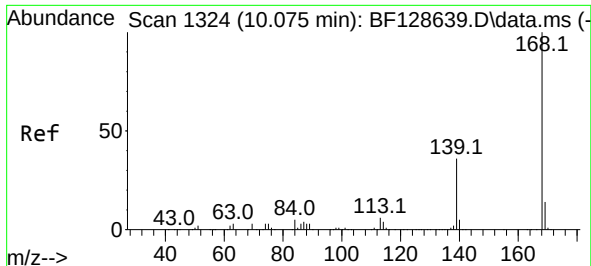
Reviewed By : Christian Giraldo 06/21/2022
Supervised By : Jagrut Upadhyay 06/21/2022



#45
2-Fluorobiphenyl
Concen: 63.289 ng
RT: 9.134 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

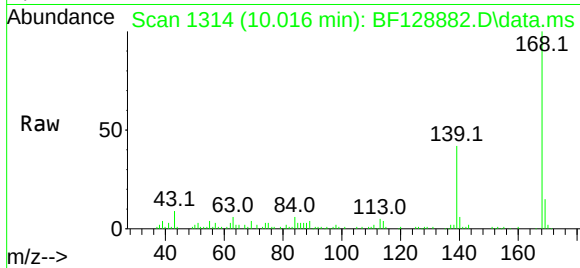
Tgt Ion: 172 Resp: 889277
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.8 29.8





#55
Dibenzenofuran
Concen: 2.448 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

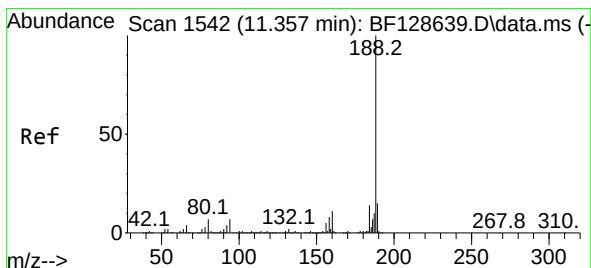
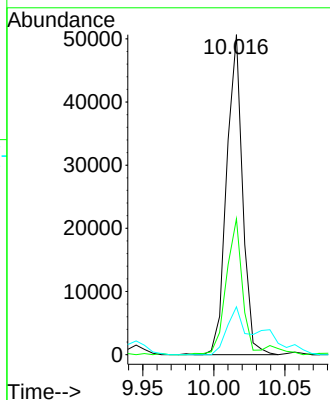
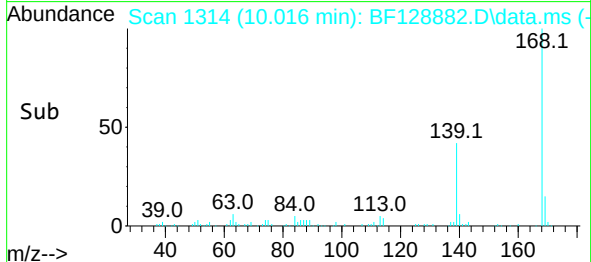
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion:168 Resp: 3952
Ion Ratio Lower Upper
168 100
139 42.5 30.6 46.0
169 15.0 11.0 16.6

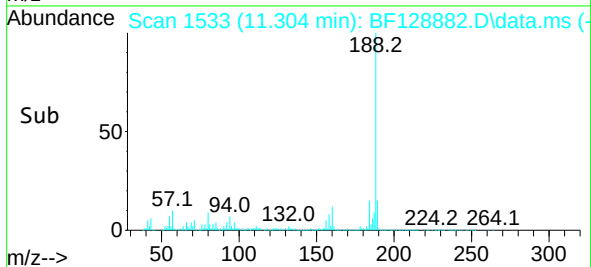
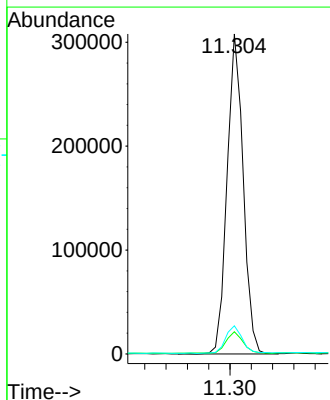
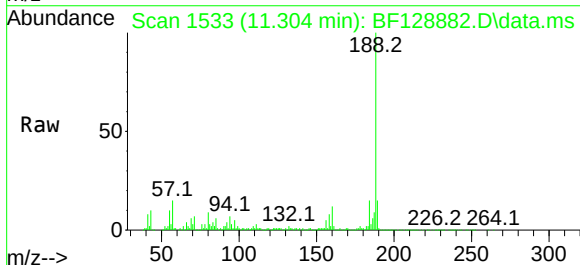
Manual Integrations
APPROVED

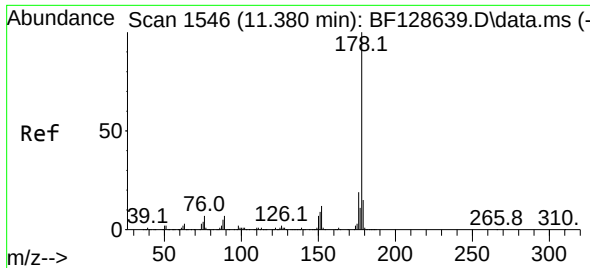
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

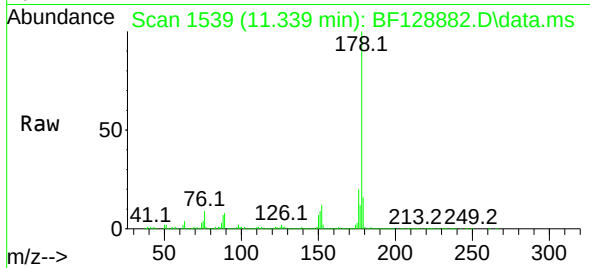
Tgt Ion:188 Resp: 322783
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 8.8 7.6 11.4





#71
Phenanthrene
Concen: 146.709 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

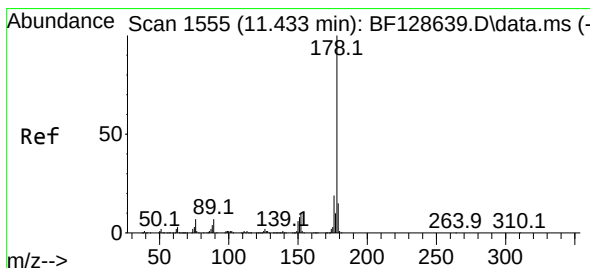
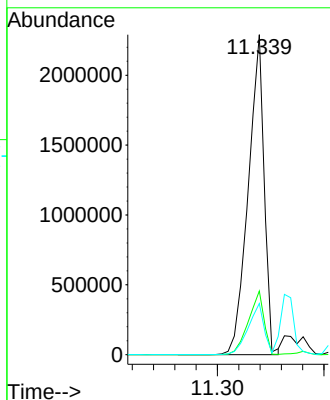
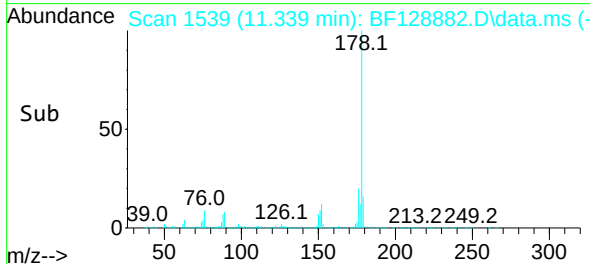
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion:178 Resp: 2375229
Ion Ratio Lower Upper
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176 19.9 16.0 24.0
179 16.0 12.6 19.0

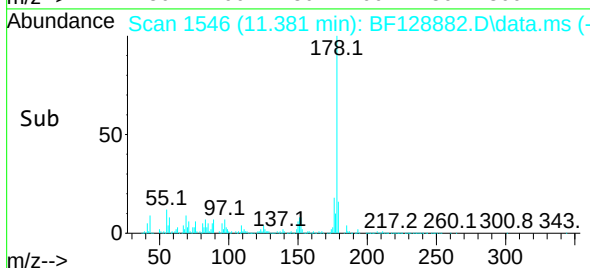
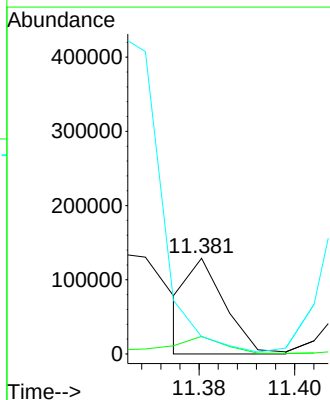
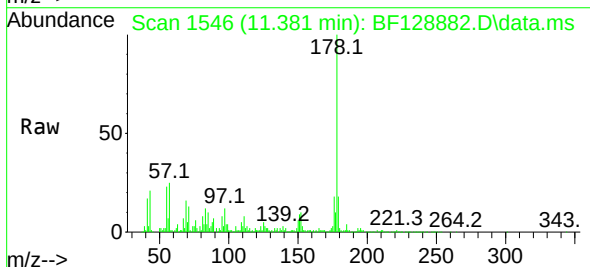
Manual Integrations
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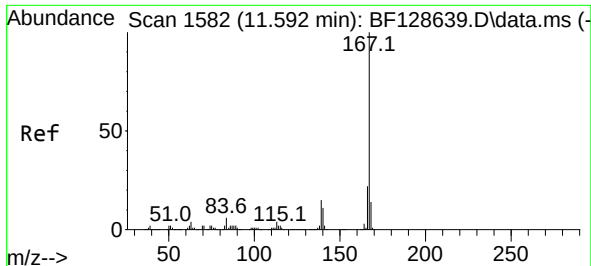
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#72
Anthracene
Concen: 4.230 ng m
RT: 11.381 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

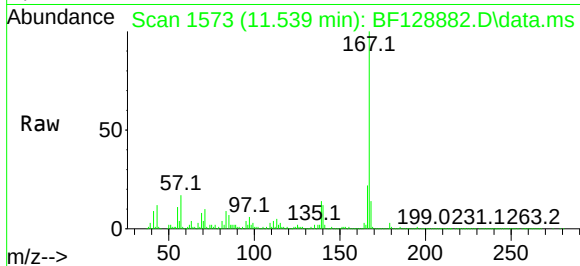
Tgt Ion:178 Resp: 67788
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 18.1 12.6 19.0





#73
 Carbazole
 Concen: 27.131 ng
 RT: 11.539 min Scan# 11539
 Delta R.T. 0.000 min
 Lab File: BF128882.D
 Acq: 20 Jun 2022 17:50

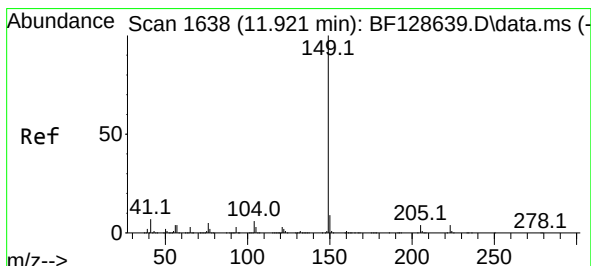
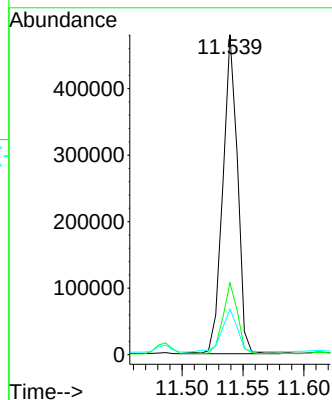
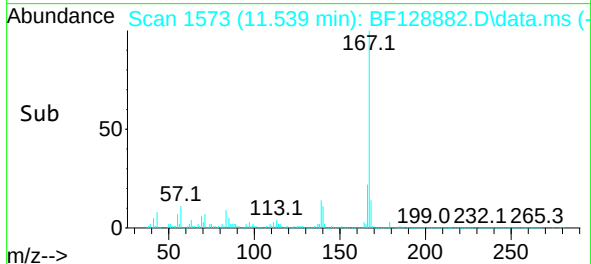
Instrument :
 BNA_F
 ClientSampleId :
 SC-6W



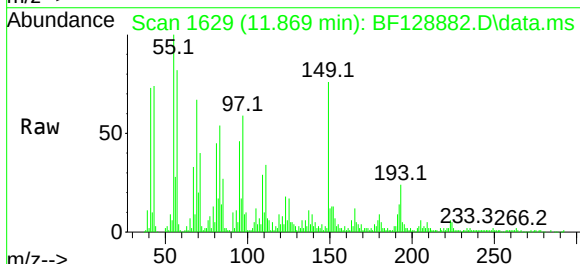
Tgt Ion:167 Resp: 403810
 Ion Ratio Lower Upper
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 166 22.4 17.7 26.5
 139 14.2 11.2 16.8

Manual Integrations
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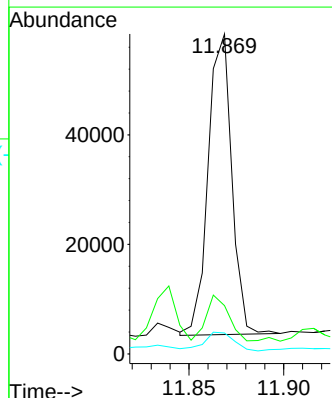
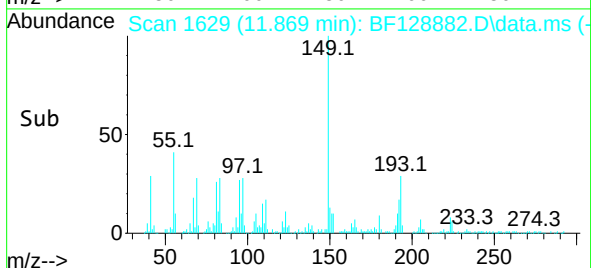
Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022

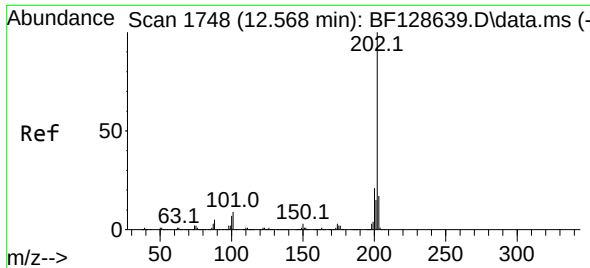


#74
 Di-n-butylphthalate
 Concen: 2.635 ng
 RT: 11.869 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF128882.D
 Acq: 20 Jun 2022 17:50



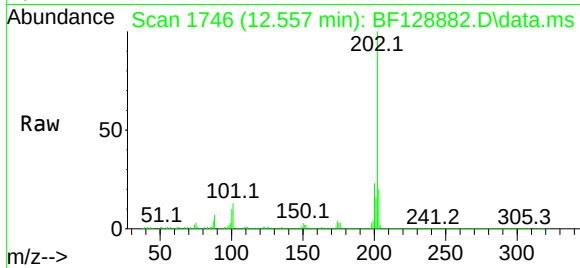
Tgt Ion:149 Resp: 47757
 Ion Ratio Lower Upper
 149 100
 150 15.1 7.5 11.3#
 104 6.5 4.4 6.6





#75
Fluoranthene
Concen: 323.777 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

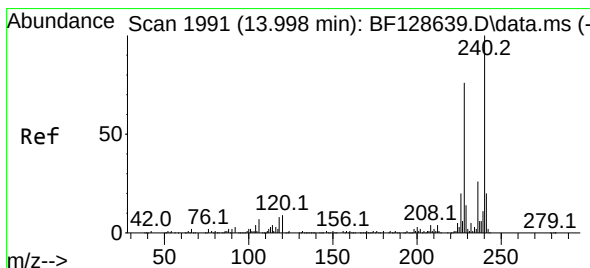
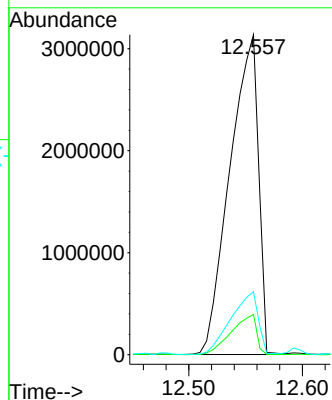
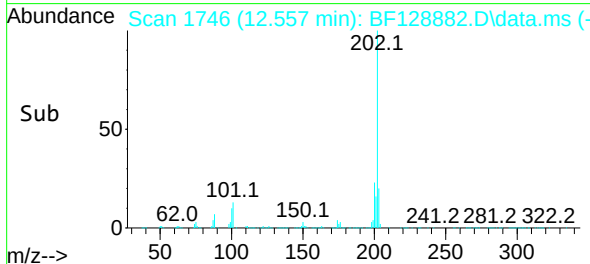
Instrument :
BNA_F
ClientSampleId :
SC-6W



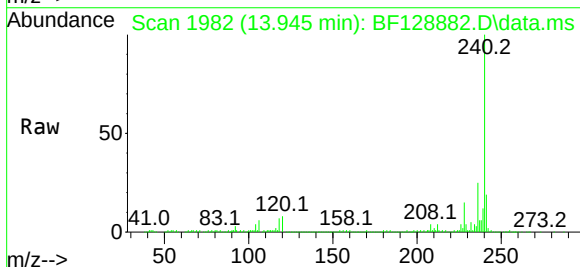
Tgt Ion:202 Resp: 547944
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 19.7 0.0 38.0

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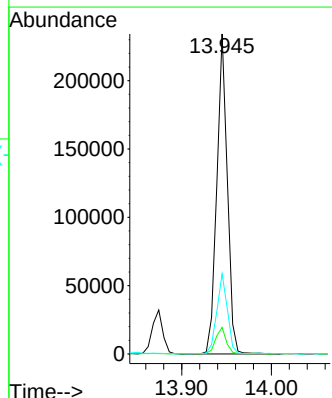
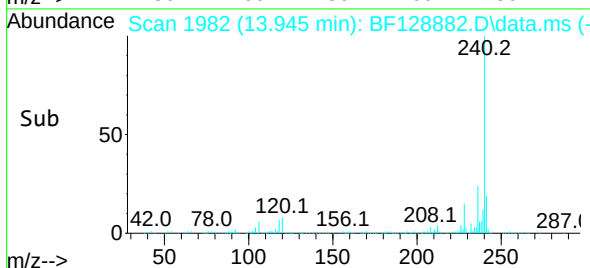
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

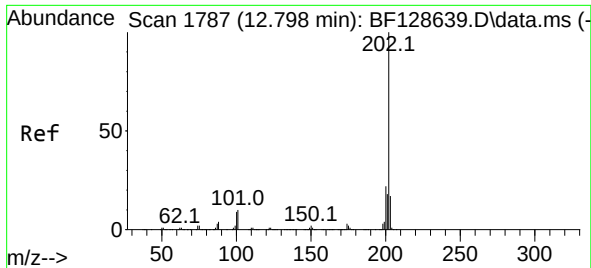


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50



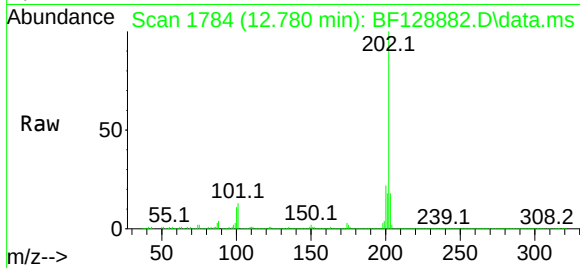
Tgt Ion:240 Resp: 191244
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 25.0 20.8 31.2





#78
Pyrene
Concen: 237.080 ng
RT: 12.780 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

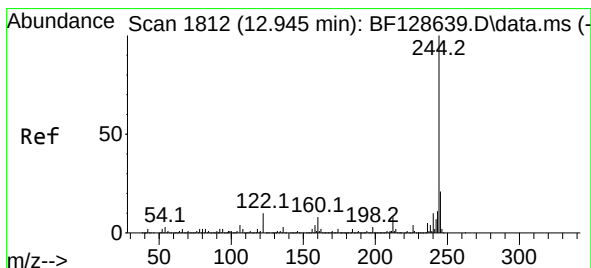
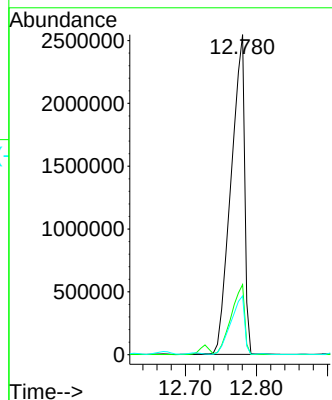
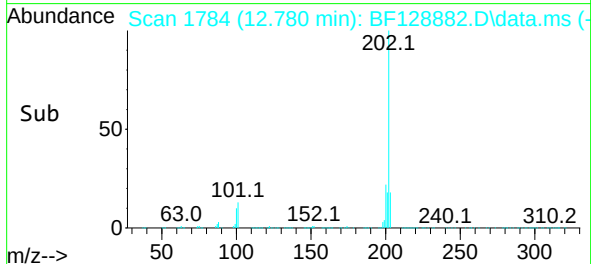
Instrument :
BNA_F
ClientSampleId :
SC-6W



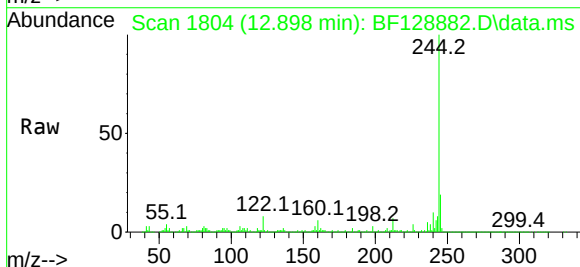
Tgt Ion:202 Resp: 3373280
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.3 14.6 21.8

Manual Integrations
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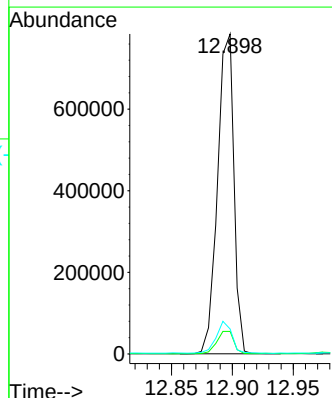
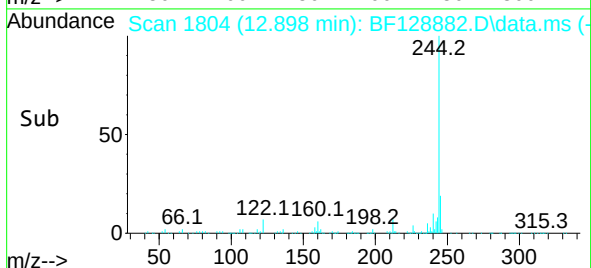
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

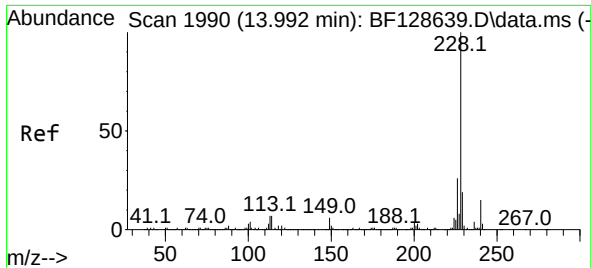


#79
Terphenyl-d14
Concen: 66.649 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50



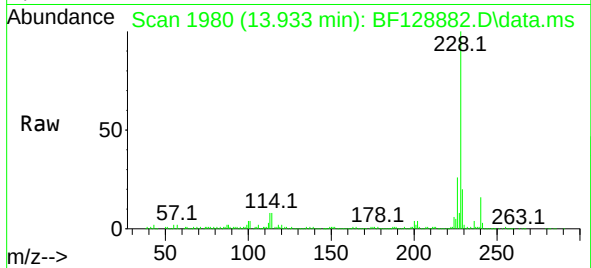
Tgt Ion:244 Resp: 733540
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.8 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 13.231 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

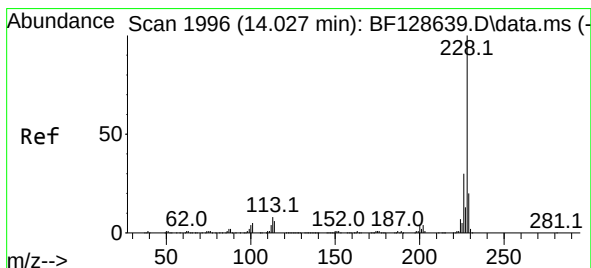
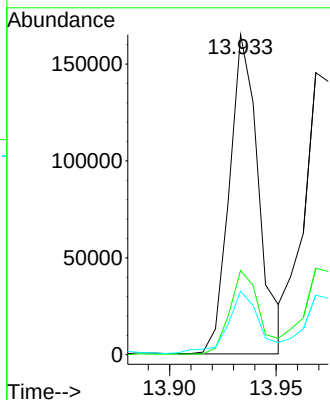
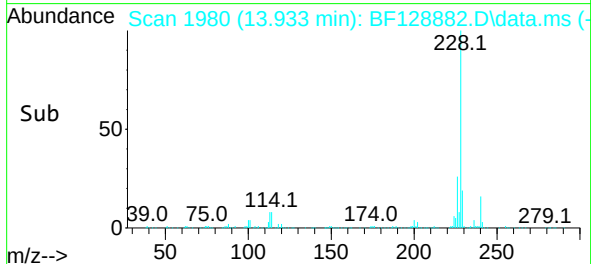
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion:228 Resp: 15772
Ion Ratio Lower Upper
228 100
226 26.3 22.1 33.1
229 19.9 15.8 23.8

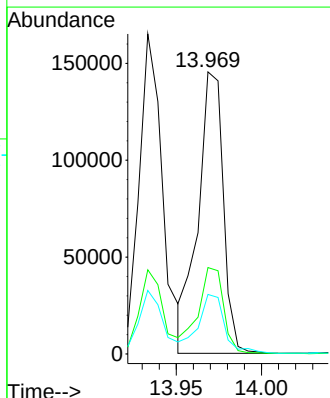
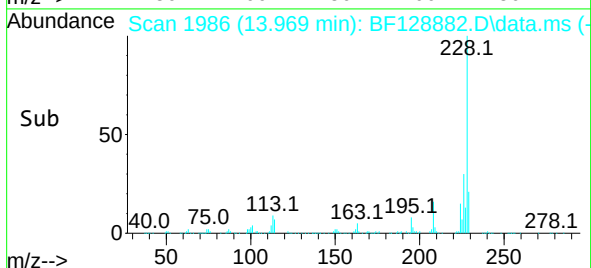
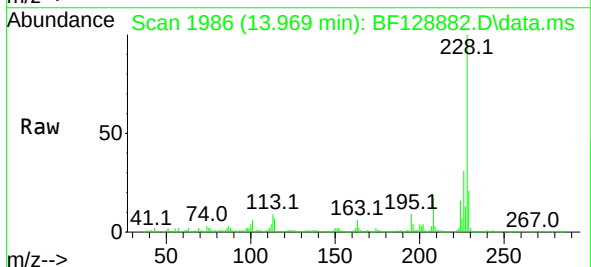
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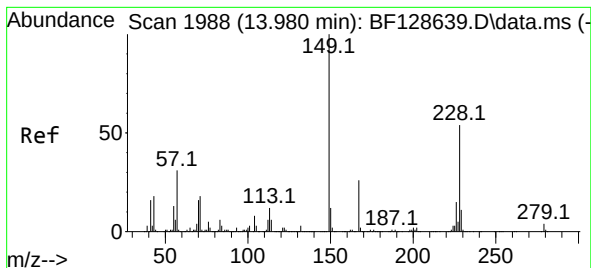
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#83
Chrysene
Concen: 13.175 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

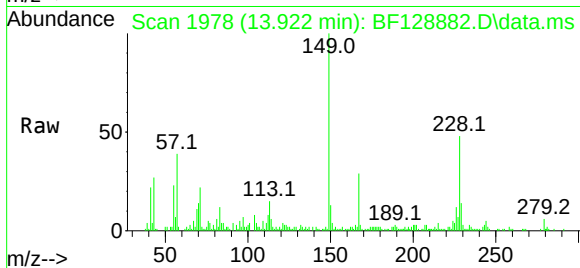
Tgt Ion:228 Resp: 149735
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.139 ng
RT: 13.922 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

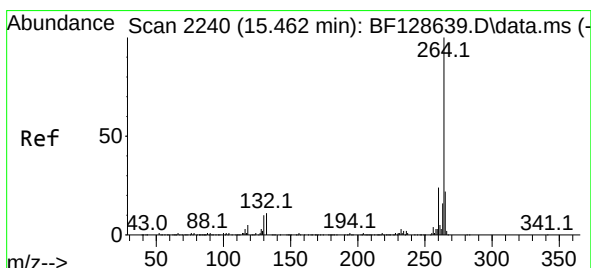
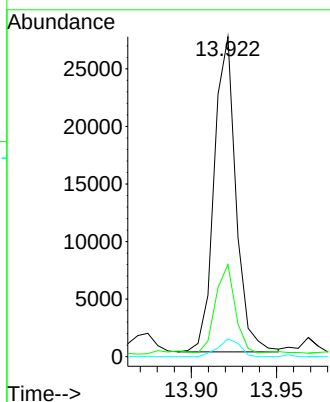
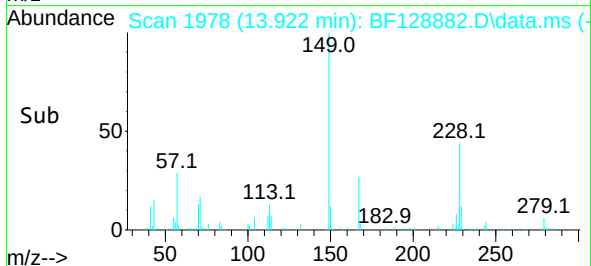
Instrument :
BNA_F
ClientSampleId :
SC-6W



Tgt Ion:149 Resp: 2438
Ion Ratio Lower Upper
149 100
167 28.8 21.0 31.4
279 5.6 3.1 4.7

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Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128882.D
Acq: 20 Jun 2022 17:50

Tgt Ion:264 Resp: 178316
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.2 17.2 25.8

