

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132788.D
 Acq On : 14 Mar 2023 20:28
 Operator : CG\JU
 Sample : 01898-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 02:28:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	208493	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	770074	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	418400	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	794153	20.000	ng	0.00
76) Chrysene-d12	14.151	240	393592	20.000	ng	#-0.01
86) Perylene-d12	15.686	264	428402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	960330	74.755	ng	0.00
7) Phenol-d6	6.593	99	1224133	73.014	ng	-0.01
23) Nitrobenzene-d5	7.528	82	763706	47.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	320168	70.856	ng	-0.01
45) 2-Fluorobiphenyl	9.322	172	1351446	49.182	ng	0.00
79) Terphenyl-d14	13.086	244	1468253	63.071	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.522	178	144011	3.500	ng	96
75) Fluoranthene	12.722	202	227230	5.052	ng	99
78) Pyrene	12.951	202	183776	5.136	ng	96
81) Benzo(a)anthracene	14.139	228	74044	2.514	ng	98
83) Chrysene	14.180	228	67568	2.454	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	46245	2.666	ng	# 94
88) Benzo(b)fluoranthene	15.227	252	90906m	3.166	ng	
92) Benzo(g,h,i)perylene	17.739	276	34440	2.902	ng	93

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

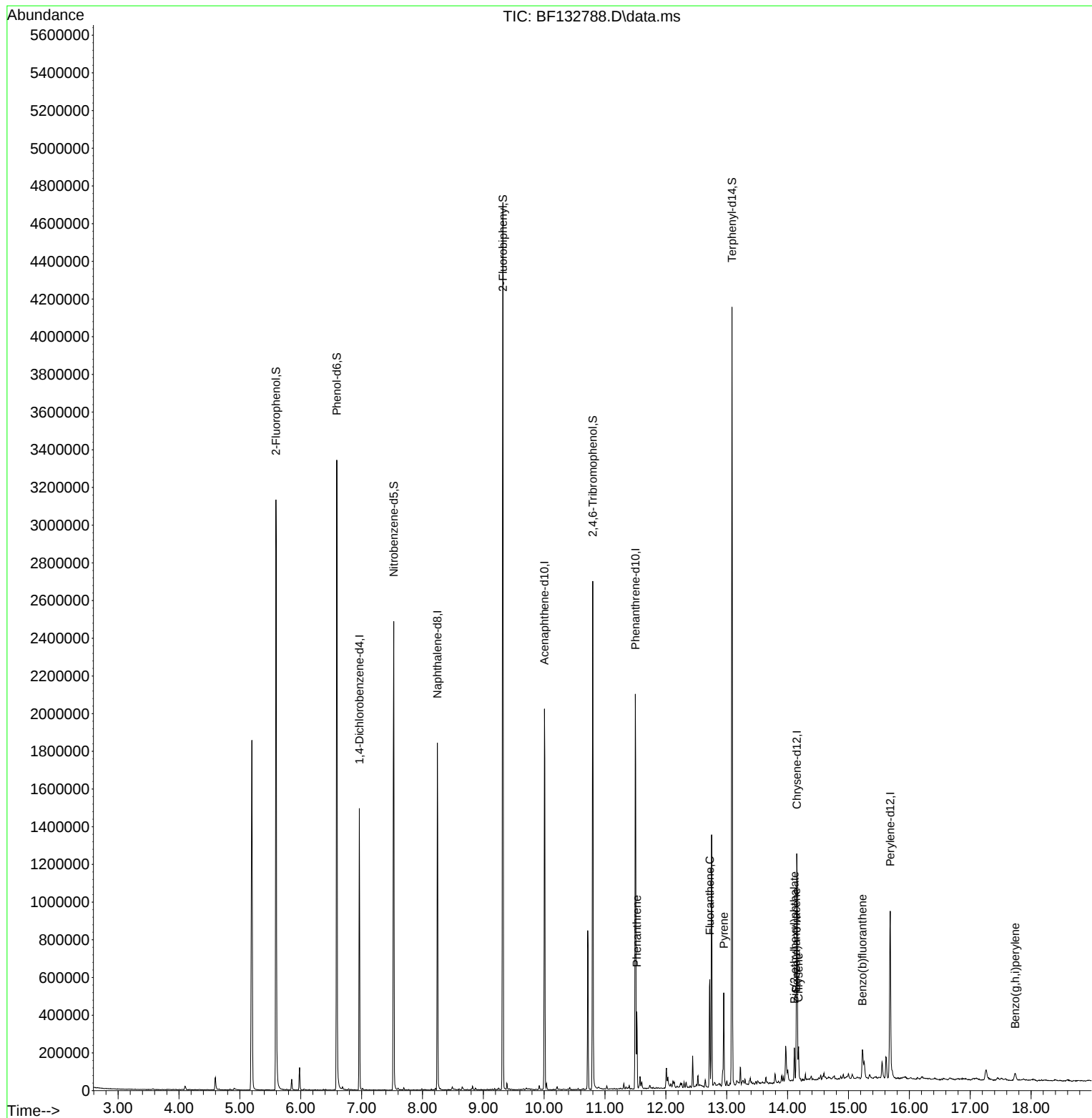
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132788.D
Acq On : 14 Mar 2023 20:28
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Manual Integrations
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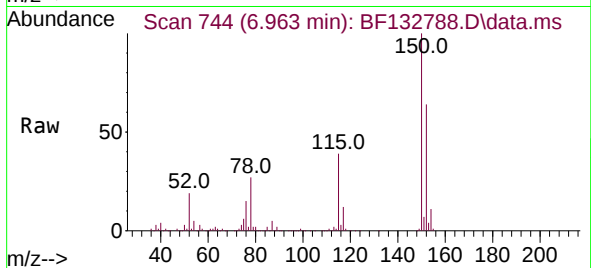
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

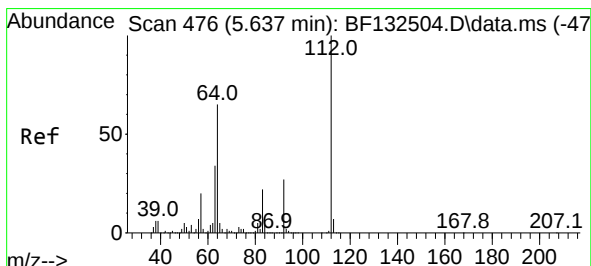
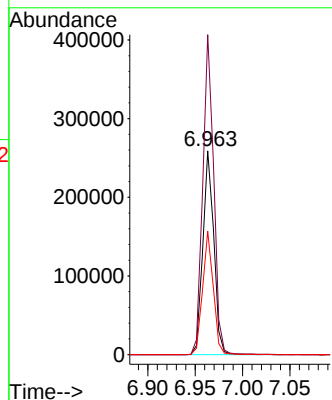
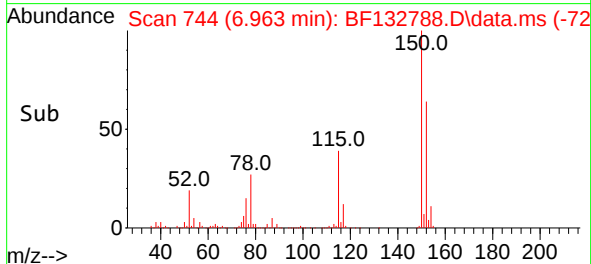
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



Tgt Ion:152 Resp: 208493
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 60.6 47.8 71.6

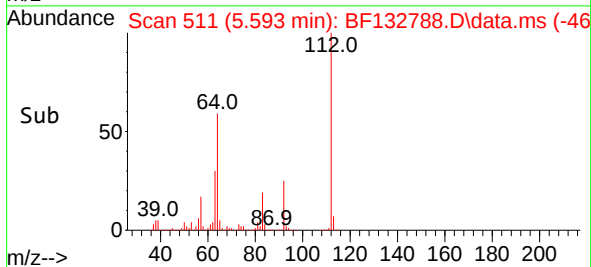
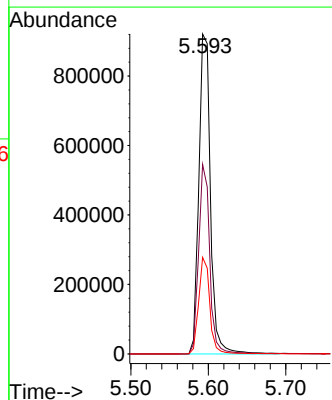
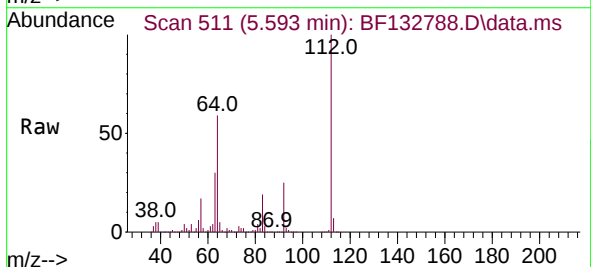
Manual Integrations
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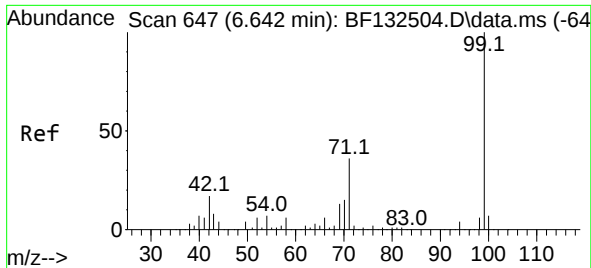
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#5
2-Fluorophenol
Concen: 74.755 ng
RT: 5.593 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

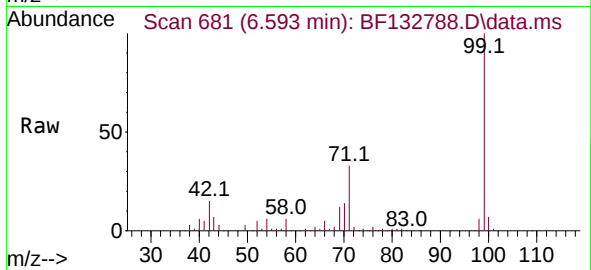
Tgt Ion:112 Resp: 960330
Ion Ratio Lower Upper
112 100
64 59.2 51.6 77.4
63 30.2 27.4 41.2





#7
Phenol-d6
Concen: 73.014 ng
RT: 6.593 min Scan# 681
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

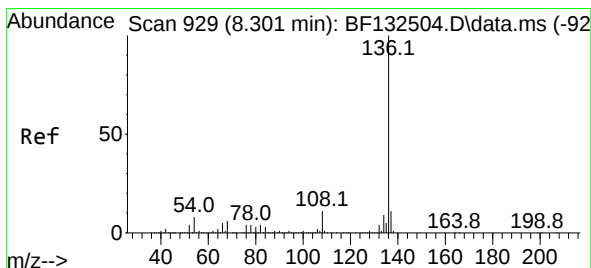
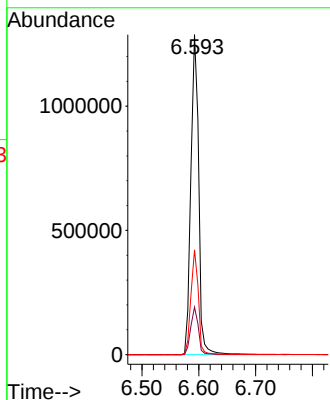
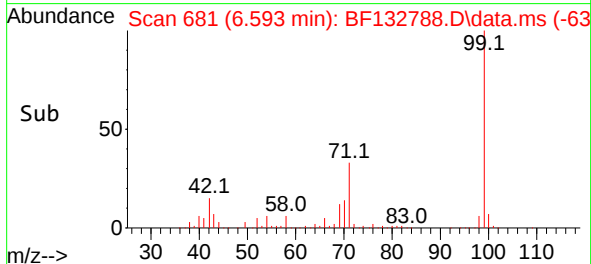
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



Tgt Ion: 99 Resp: 1224133
Ion Ratio Lower Upper
99 100
42 14.8 13.9 20.9
71 32.7 28.5 42.7

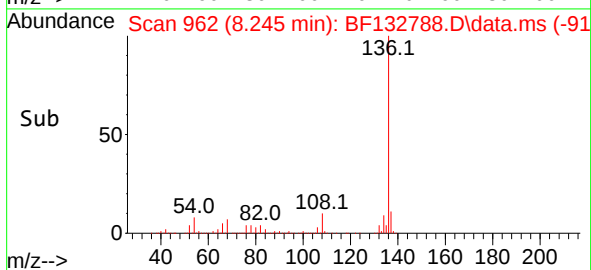
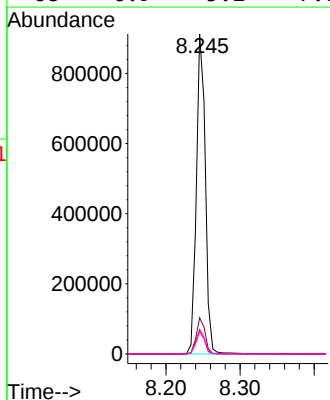
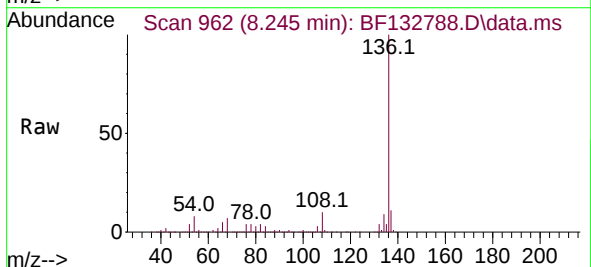
Manual Integrations
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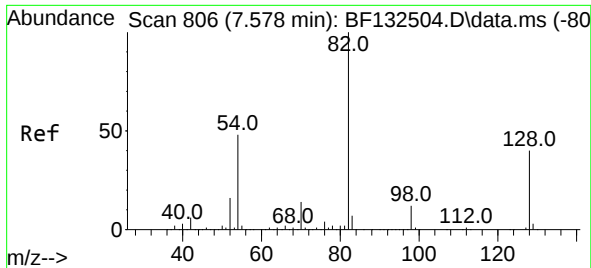
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

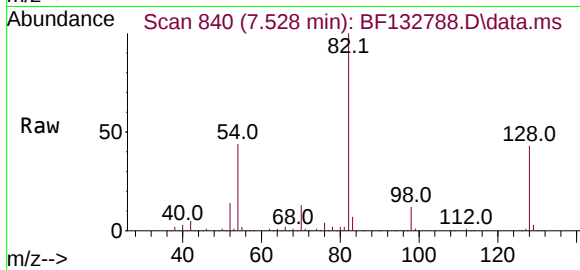
Tgt Ion:136 Resp: 770074
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.6 6.2 9.4
68 6.9 5.2 7.8





#23
Nitrobenzene-d5
Concen: 47.052 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

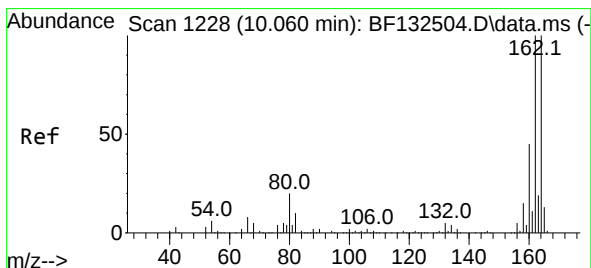
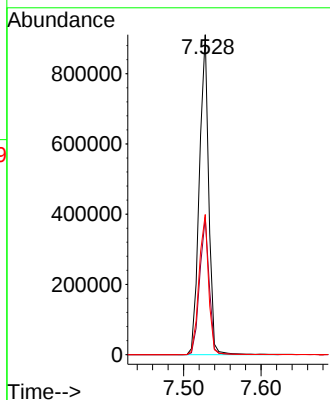
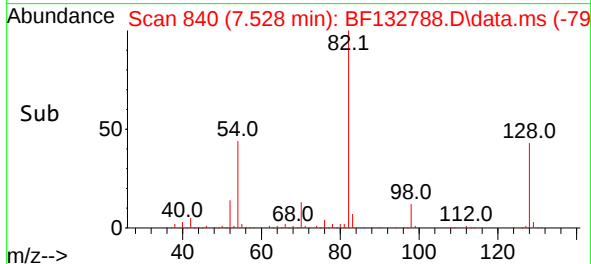
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



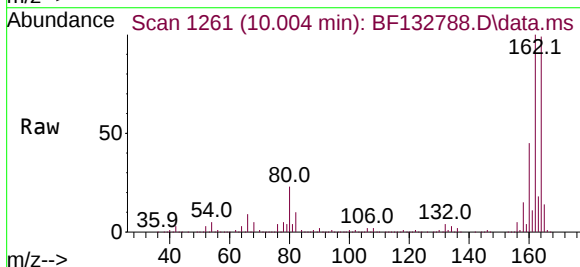
Tgt Ion: 82 Resp: 763706
Ion Ratio Lower Upper
82 100
128 42.9 32.2 48.2
54 43.8 38.4 57.6

Manual Integrations
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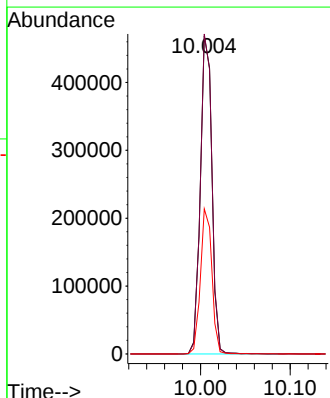
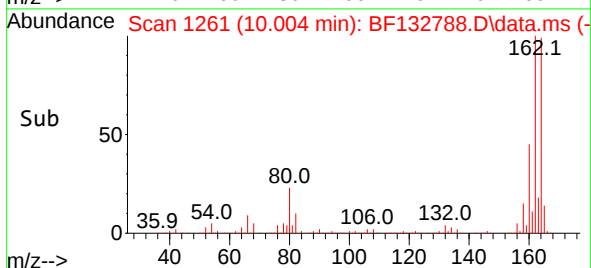
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28



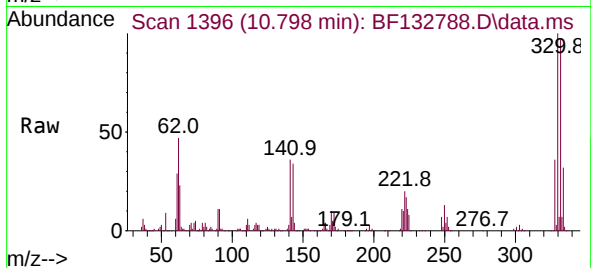
Tgt Ion:164 Resp: 418400
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 45.6 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 70.856 ng
RT: 10.798 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

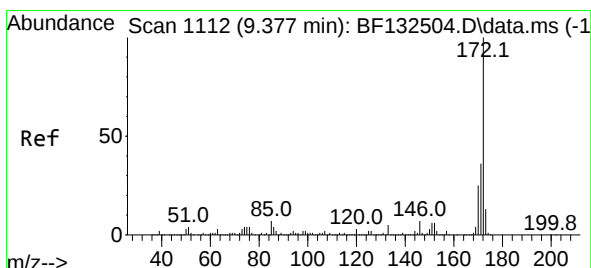
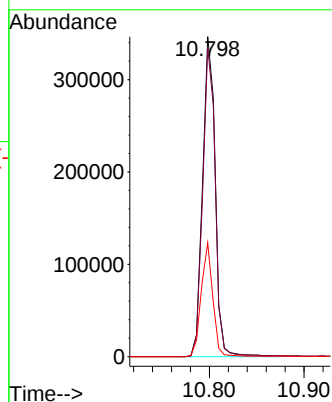
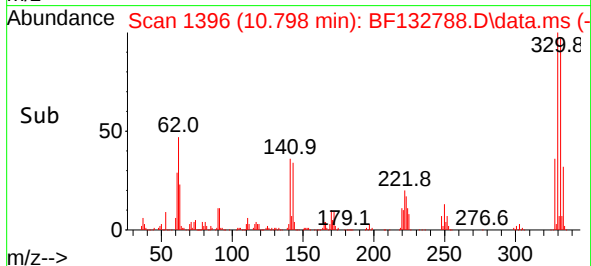
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ClientSampleId :
SAMPLE-1-COMP



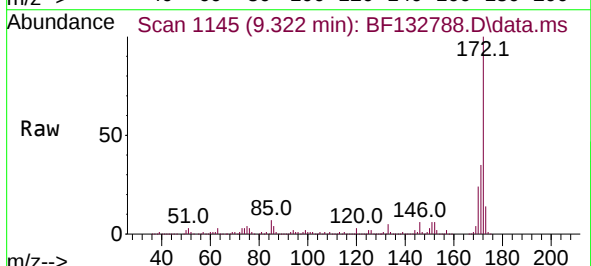
Tgt Ion: 330 Resp: 320168
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 32.7 28.4 42.6

Manual Integrations
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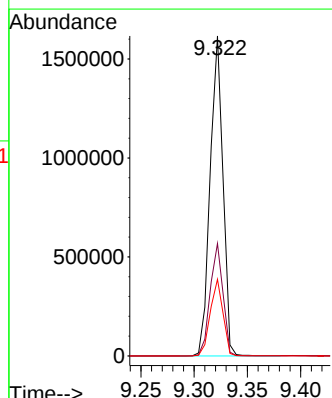
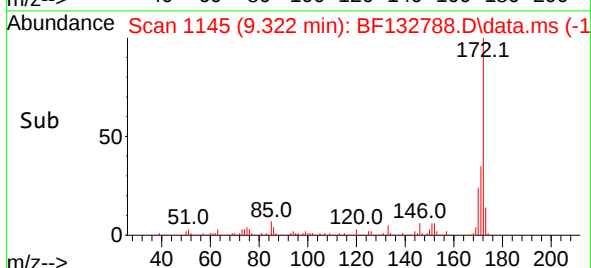
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#45
2-Fluorobiphenyl
Concen: 49.182 ng
RT: 9.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28



Tgt Ion: 172 Resp: 1351446
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.9 19.7 29.5





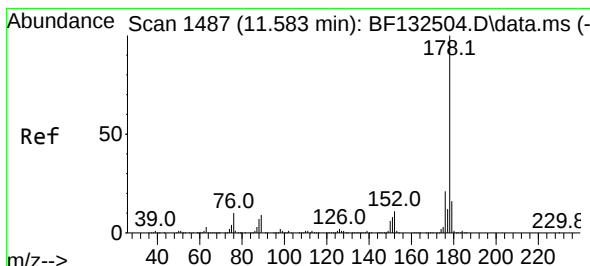
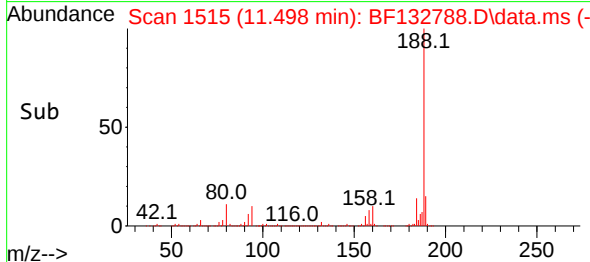
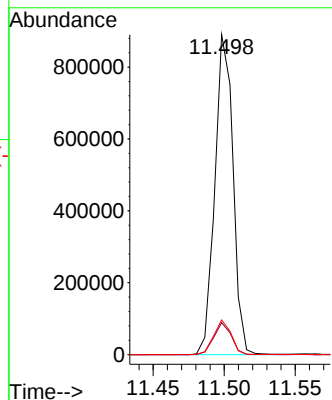
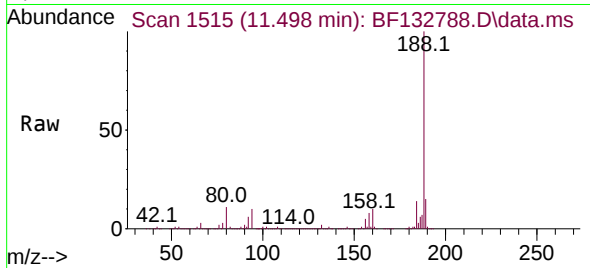
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP

Tgt Ion:188 Resp: 794153
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 8.7 13.1

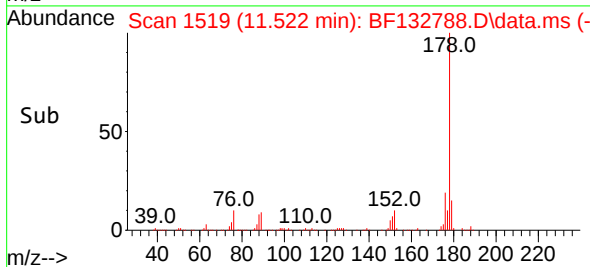
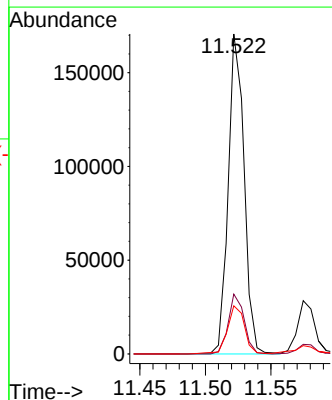
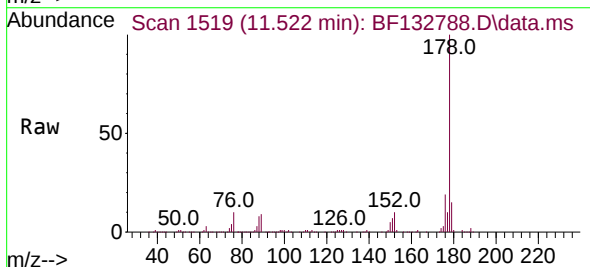
Manual Integrations
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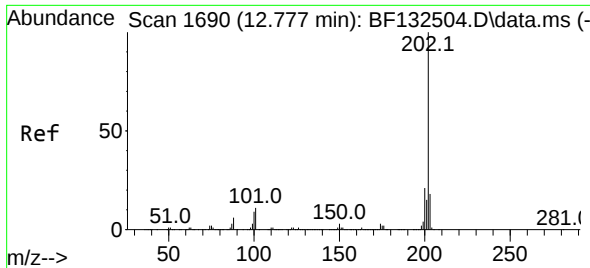
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#71
Phenanthrene
Concen: 3.500 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

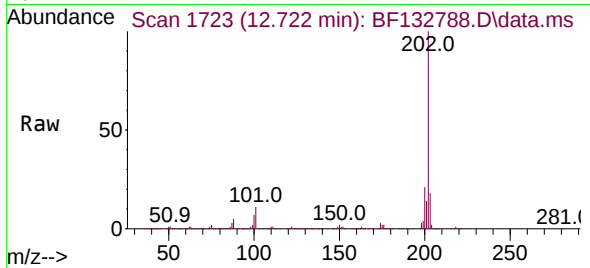
Tgt Ion:178 Resp: 144011
Ion Ratio Lower Upper
178 100
176 18.7 16.5 24.7
179 15.0 13.0 19.6





#75
Fluoranthene
Concen: 5.052 ng
RT: 12.722 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

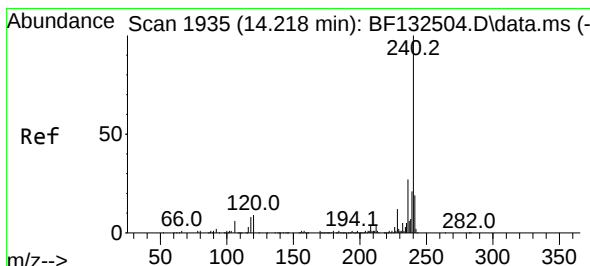
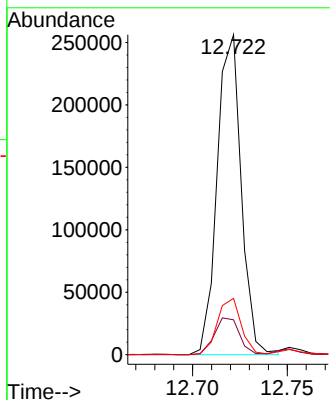
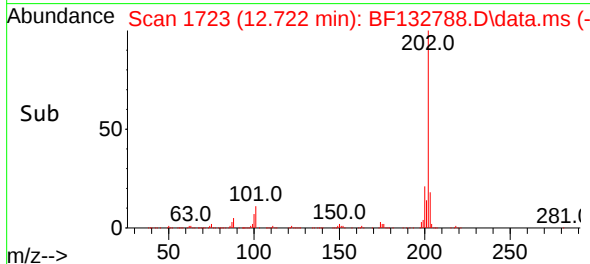
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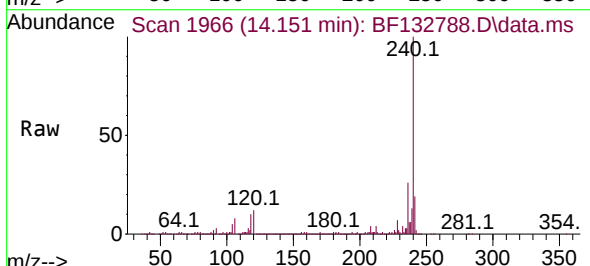
Tgt Ion:202 Resp: 227230
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

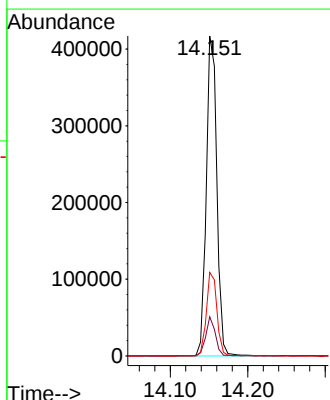
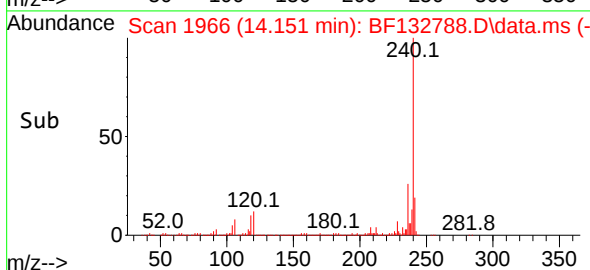
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

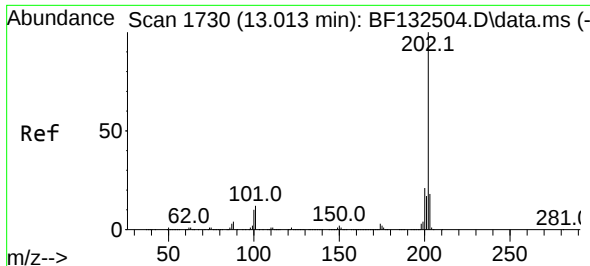


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28



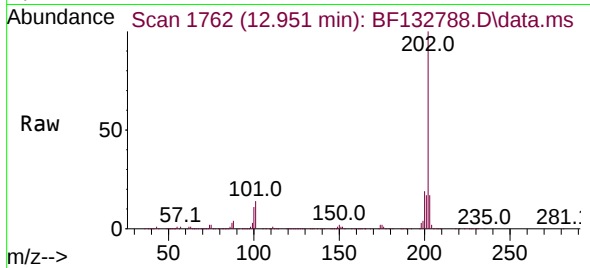
Tgt Ion:240 Resp: 393592
Ion Ratio Lower Upper
240 100
120 12.2 7.2 10.8#
236 26.1 21.8 32.6





#78
Pyrene
Concen: 5.136 ng
RT: 12.951 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

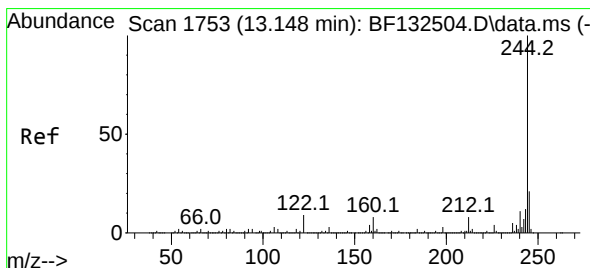
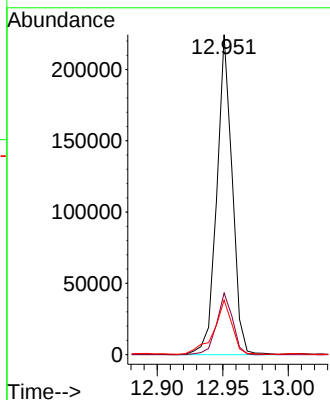
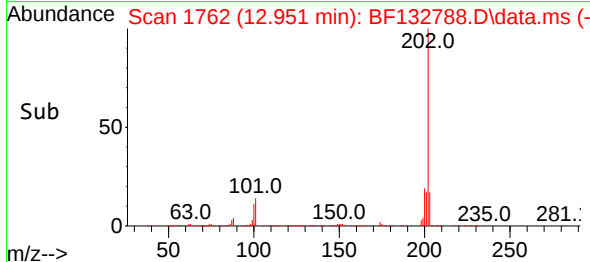
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



Tgt Ion:202 Resp: 183776
Ion Ratio Lower Upper
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200 19.2 17.1 25.7
203 17.0 14.6 21.8

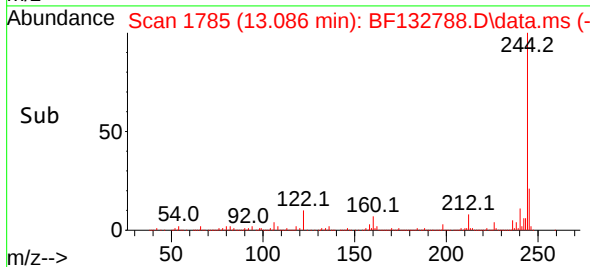
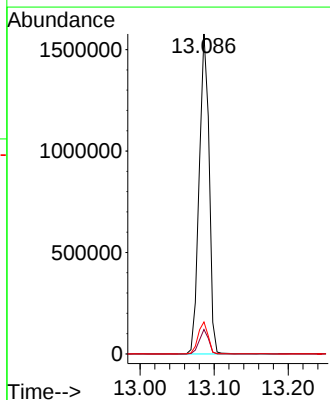
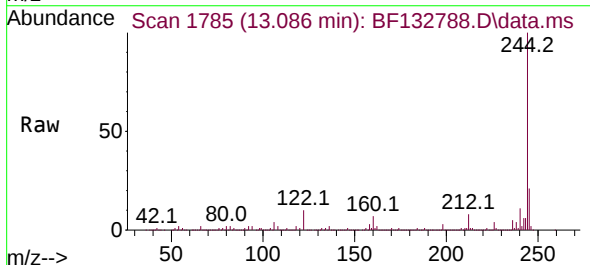
Manual Integrations
APPROVED

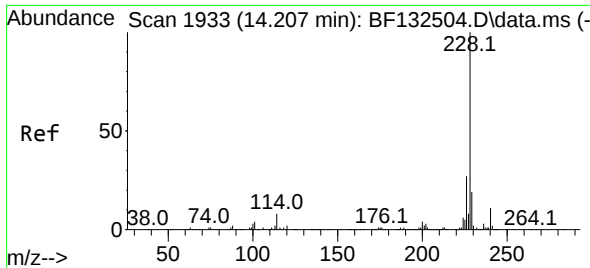
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#79
Terphenyl-d14
Concen: 63.071 ng
RT: 13.086 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

Tgt Ion:244 Resp: 1468253
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 10.0 7.5 11.3





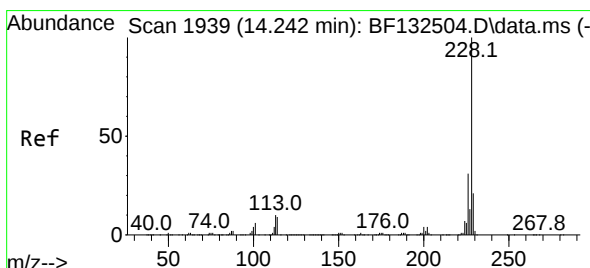
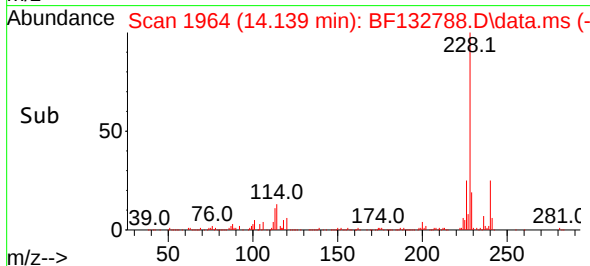
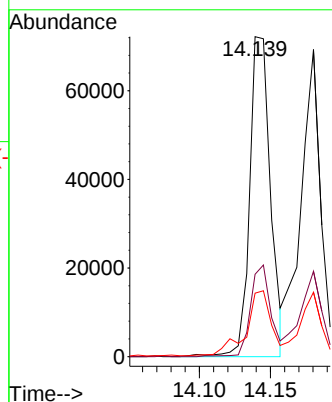
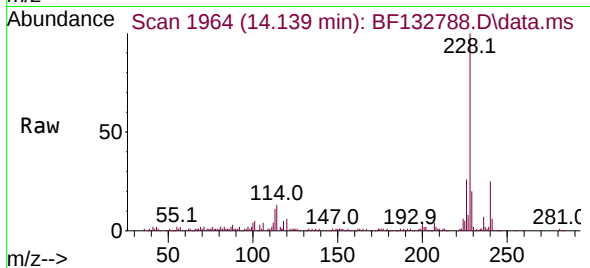
#81
Benzo(a)anthracene
Concen: 2.514 ng
RT: 14.139 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP

Tgt Ion:228 Resp: 74044
Ion Ratio Lower Upper
228 100
226 25.7 21.7 32.5
229 19.8 15.4 23.2

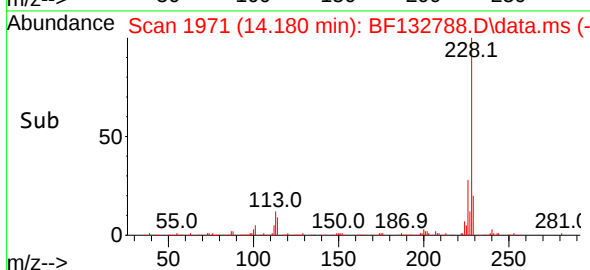
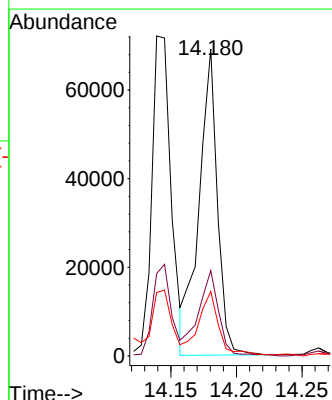
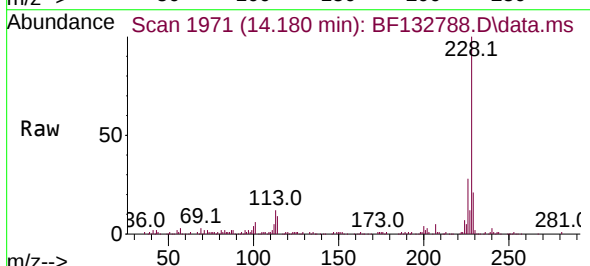
Manual Integrations
APPROVED

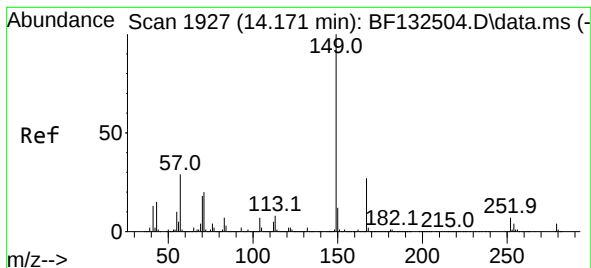
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#83
Chrysene
Concen: 2.454 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

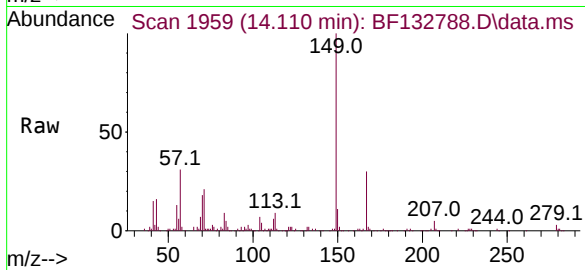
Tgt Ion:228 Resp: 67568
Ion Ratio Lower Upper
228 100
226 27.8 25.0 37.6
229 21.0 16.4 24.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.666 ng
RT: 14.110 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

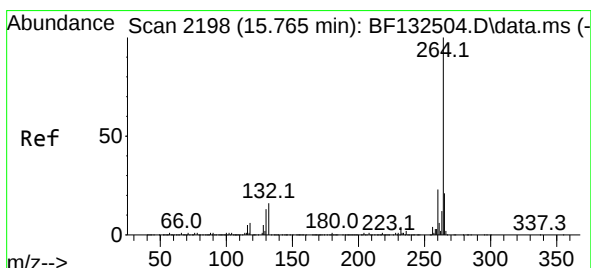
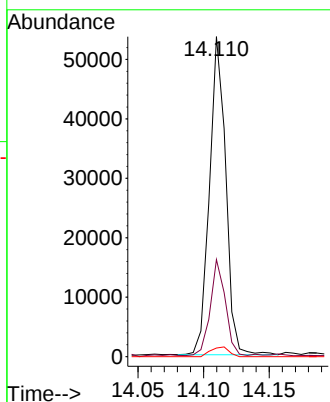
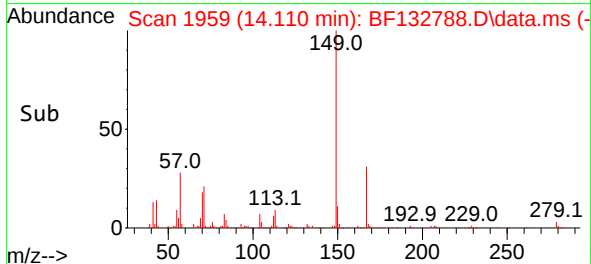
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



Tgt Ion:149 Resp: 46245
Ion Ratio Lower Upper
149 100
167 30.3 21.8 32.6
279 2.7 3.0 4.6

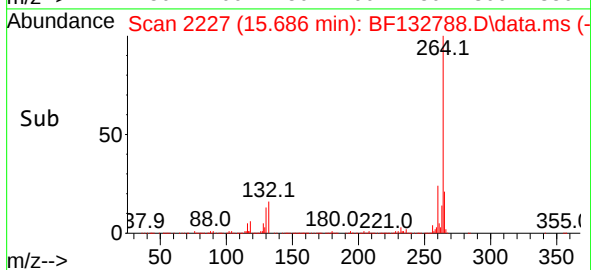
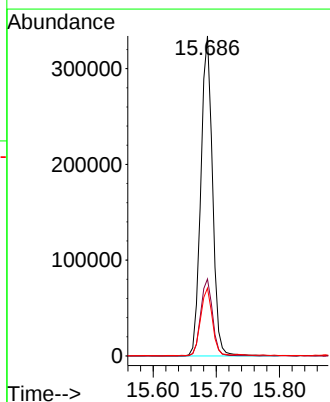
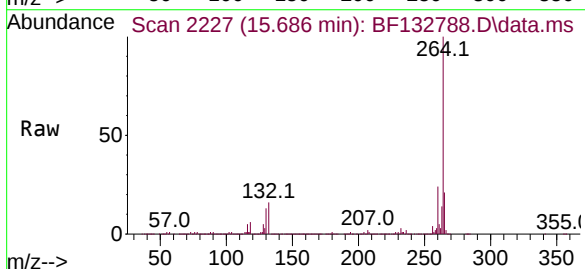
Manual Integrations
APPROVED

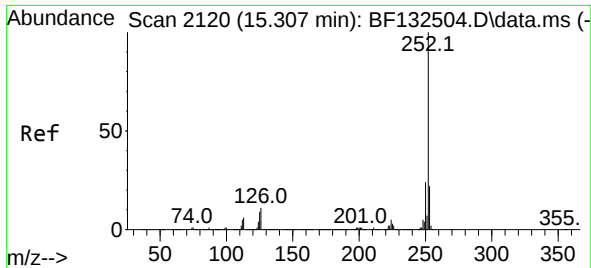
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

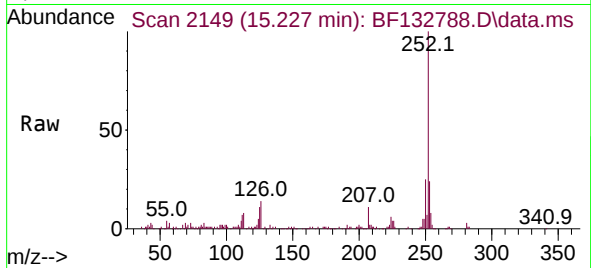
Tgt Ion:264 Resp: 428402
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.2 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 3.166 ng m
RT: 15.227 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

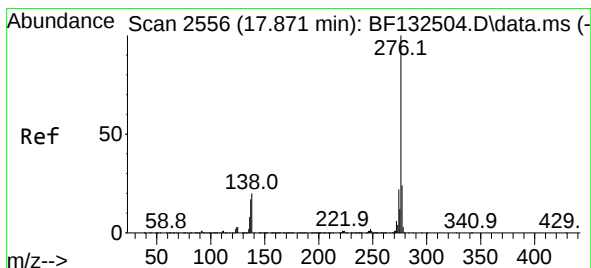
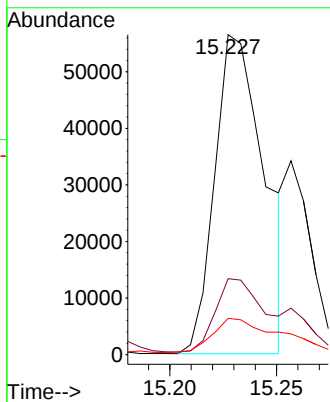
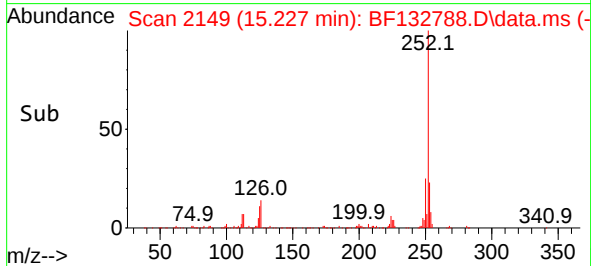
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP



Tgt Ion:252 Resp: 90906
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.3 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#92
Benzo(g,h,i)perylene
Concen: 2.902 ng
RT: 17.739 min Scan# 2576
Delta R.T. -0.018 min
Lab File: BF132788.D
Acq: 14 Mar 2023 20:28

Tgt Ion:276 Resp: 34440
Ion Ratio Lower Upper
276 100
277 20.2 18.9 28.3
138 23.3 16.2 24.4

