

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132662.D
 Acq On : 06 Mar 2023 22:20
 Operator : CG\JU
 Sample : 01814-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 00:59:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	182819	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	676765	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	344779	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	592202	20.000	ng	0.00
76) Chrysene-d12	14.198	240	292218	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	376293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	979624	86.966	ng	0.00
7) Phenol-d6	6.622	99	1233961	83.936	ng	-0.01
23) Nitrobenzene-d5	7.563	82	788071	55.247	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	284957	76.530	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1298757	57.358	ng	-0.01
79) Terphenyl-d14	13.133	244	1108028	64.109	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.563	178	70383	2.294	ng	97
75) Fluoranthene	12.763	202	118411	3.531	ng	99
78) Pyrene	12.992	202	108342	4.078	ng	98
83) Chrysene	14.227	228	45870	2.243	ng	98
84) Bis(2-ethylhexyl)phtha...	14.163	149	27791	2.158	ng	97
88) Benzo(b)fluoranthene	15.286	252	61601m	2.443	ng	
92) Benzo(g,h,i)perylene	17.833	276	29888	2.886	ng	# 94

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

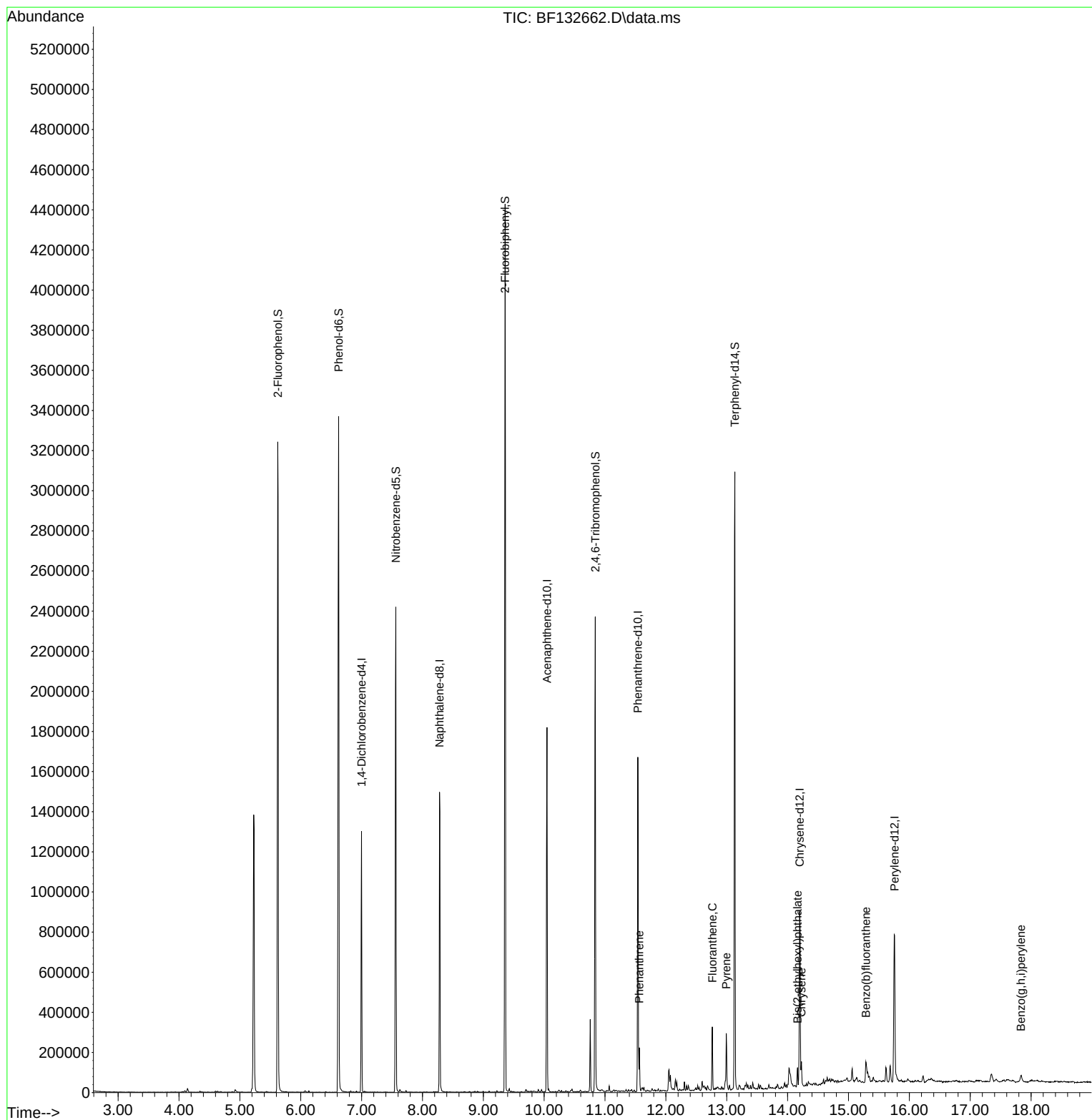
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132662.D
Acq On : 06 Mar 2023 22:20
Operator : CG\JU
Sample : 01814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

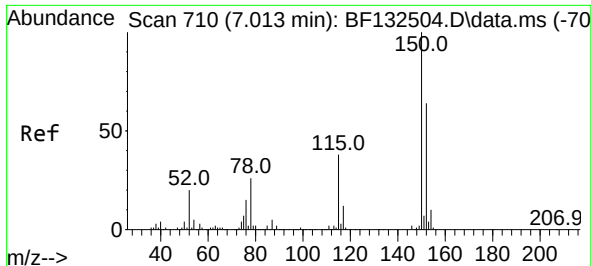
Instrument :
BNA_F
ClientSampleId :
VNJ-206

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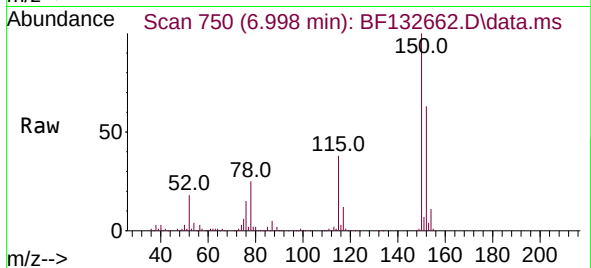
Quant Time: Mar 07 00:59:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

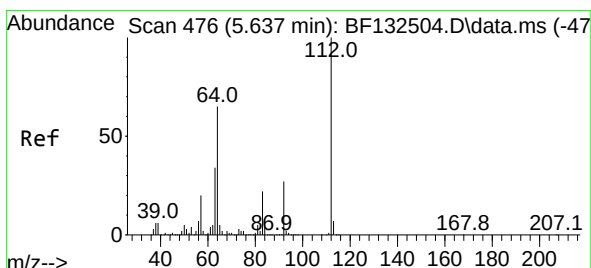
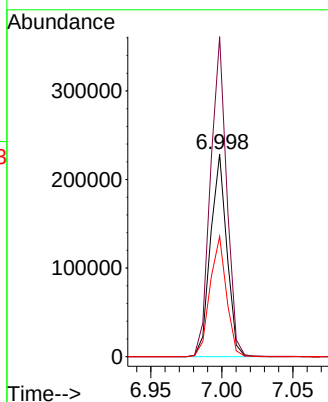
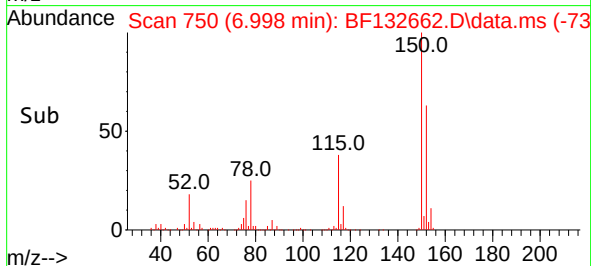
Instrument :
BNA_F
ClientSampleId :
VNJ-206



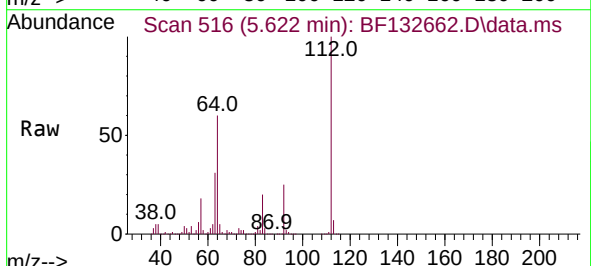
Tgt Ion:152 Resp: 182819
Ion Ratio Lower Upper
152 100
150 158.0 125.4 188.2
115 59.4 47.8 71.6

Manual Integrations
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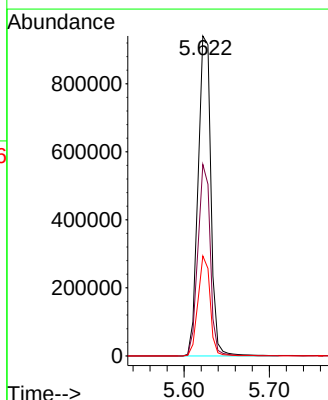
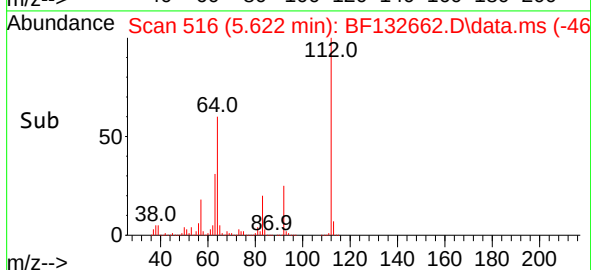
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

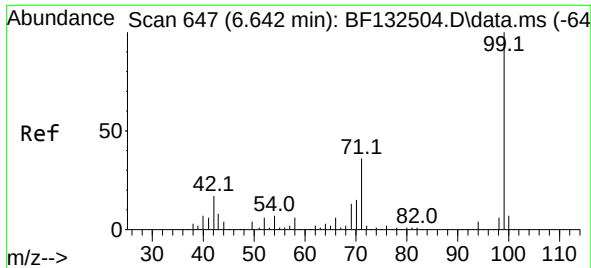


#5
2-Fluorophenol
Concen: 86.966 ng
RT: 5.622 min Scan# 516
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



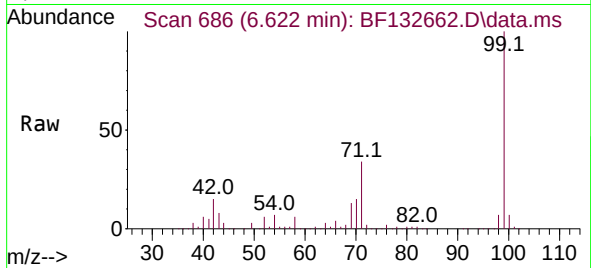
Tgt Ion:112 Resp: 979624
Ion Ratio Lower Upper
112 100
64 59.8 51.6 77.4
63 31.2 27.4 41.2





#7
Phenol-d6
Concen: 83.936 ng
RT: 6.622 min Scan# 618
Delta R.T. -0.015 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

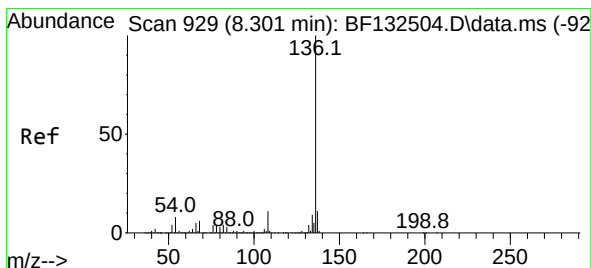
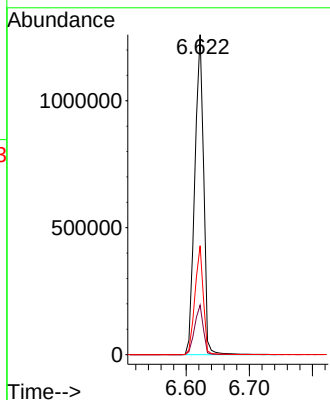
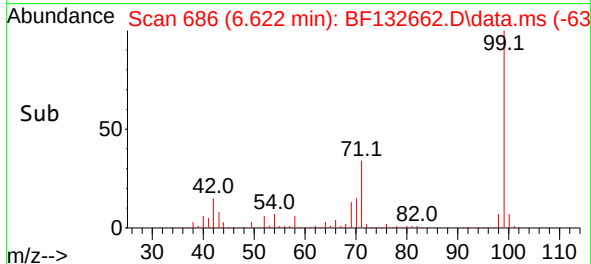
Instrument :
BNA_F
ClientSampleId :
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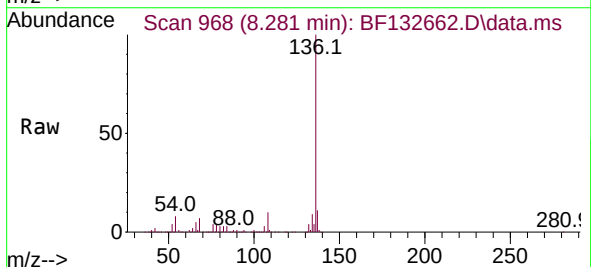
Tgt Ion: 99 Resp: 123396
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 34.0 28.5 42.7

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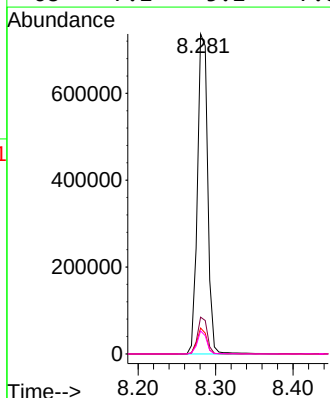
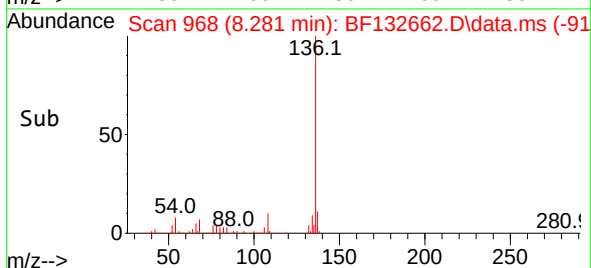
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

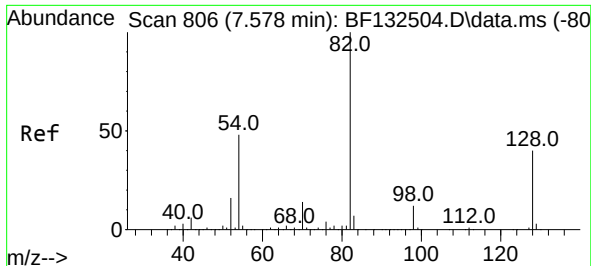


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



Tgt Ion:136 Resp: 676765
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.1 6.2 9.4
68 7.2 5.2 7.8





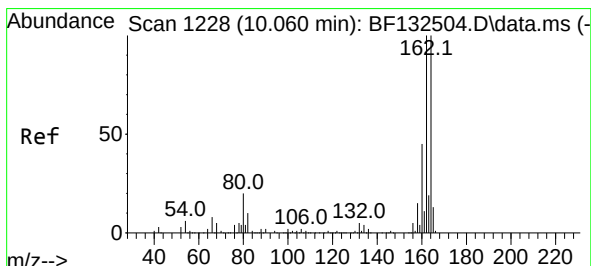
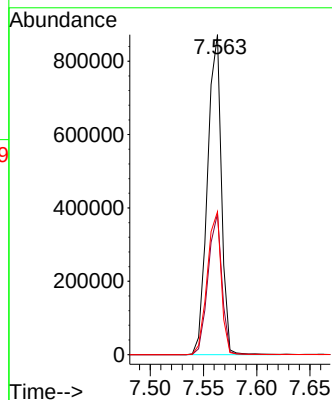
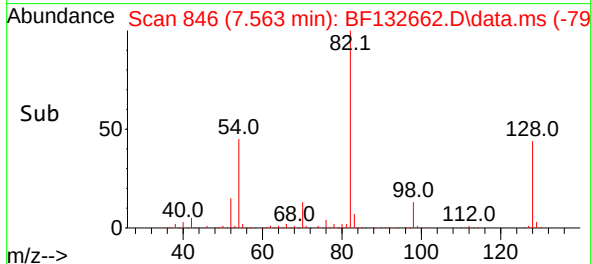
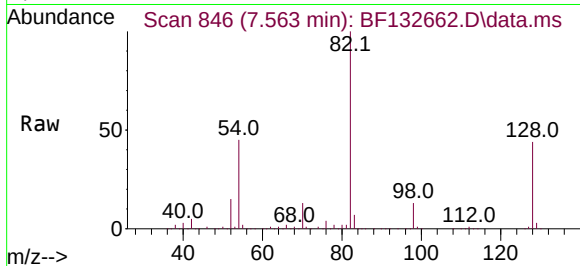
#23
Nitrobenzene-d5
Concen: 55.247 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

Instrument :
BNA_F
ClientSampleId :
VNJ-206

Tgt Ion: 82 Resp: 78807
Ion Ratio Lower Upper
82 100
128 44.1 32.2 48.2
54 44.6 38.4 57.6

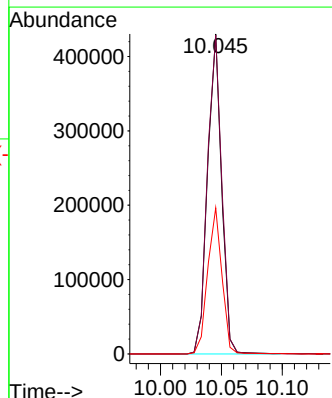
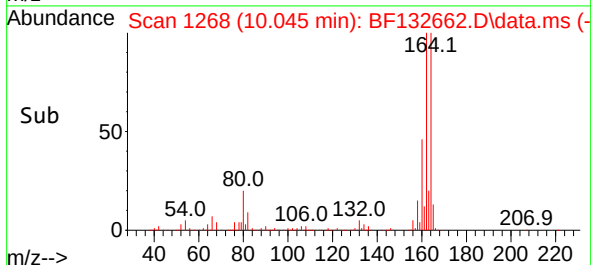
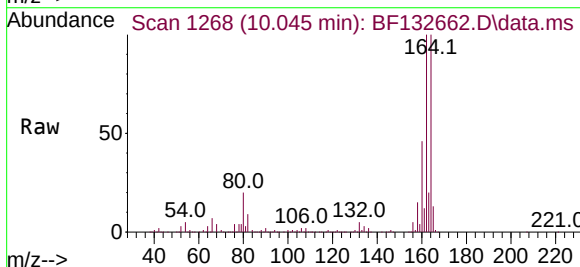
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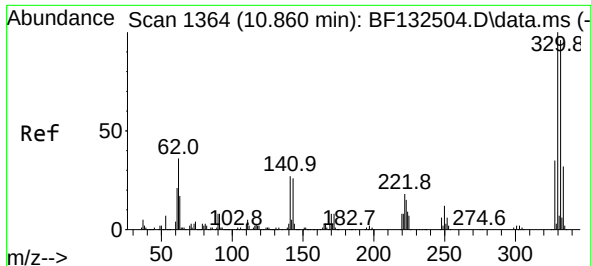
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

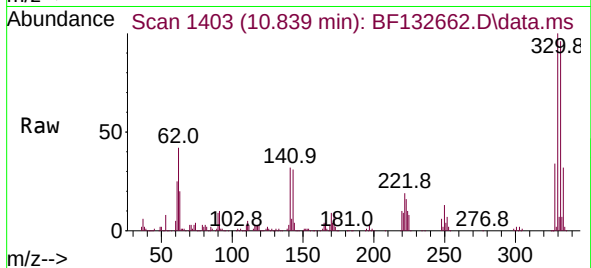
Tgt Ion:164 Resp: 344779
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 45.6 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 76.530 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

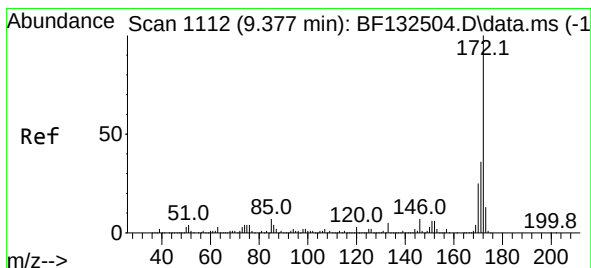
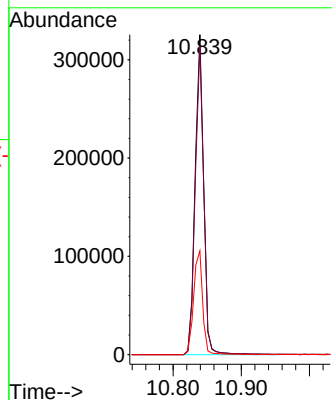
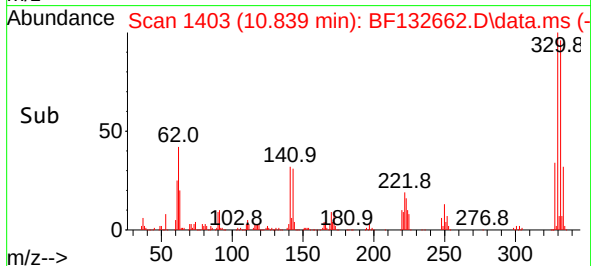
Instrument :
BNA_F
ClientSampleId :
VNJ-206



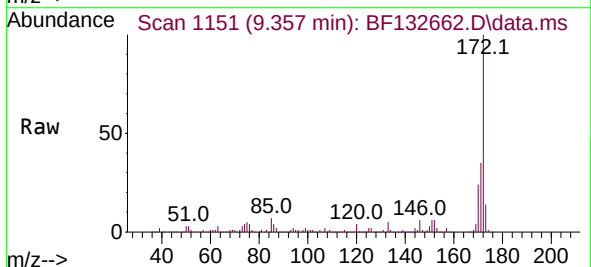
Tgt Ion: 330 Resp: 284952
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 34.3 28.4 42.6

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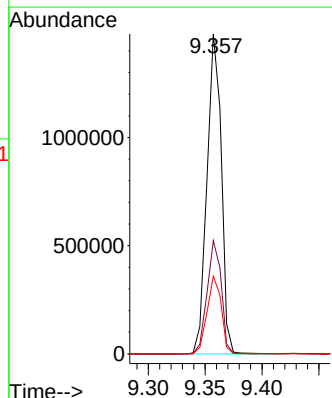
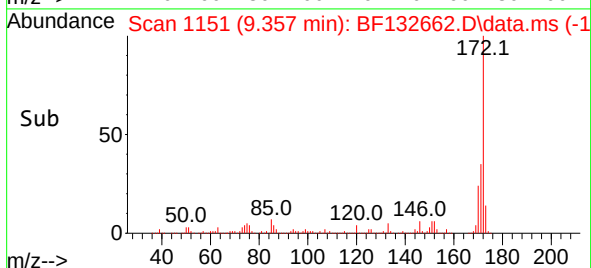
Reviewed By : Christian Giraldo 03/07/2023
Supervised By : Jagrut Upadhyay 03/07/2023

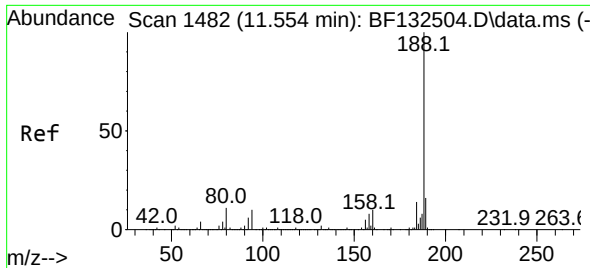


#45
2-Fluorobiphenyl
Concen: 57.358 ng
RT: 9.357 min Scan# 1151
Delta R.T. -0.015 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



Tgt Ion: 172 Resp: 1298757
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5





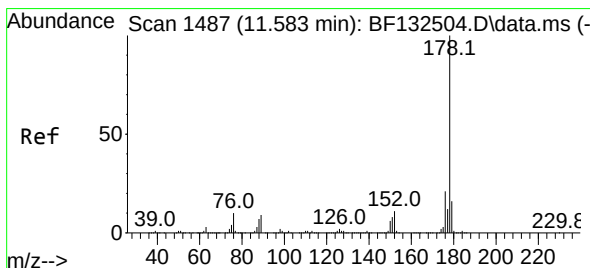
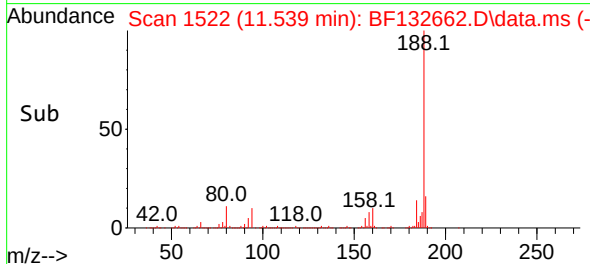
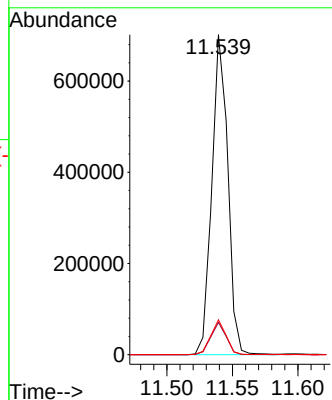
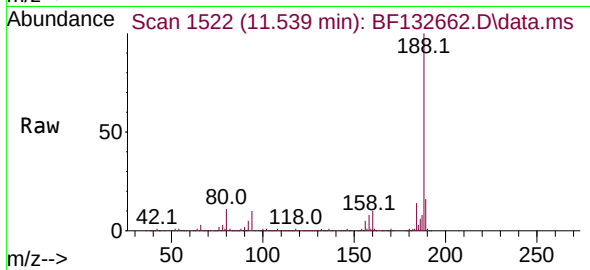
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1152
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

Instrument :
BNA_F
ClientSampleId :
VNJ-206

Tgt Ion:188 Resp: 592202
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 8.7 13.1

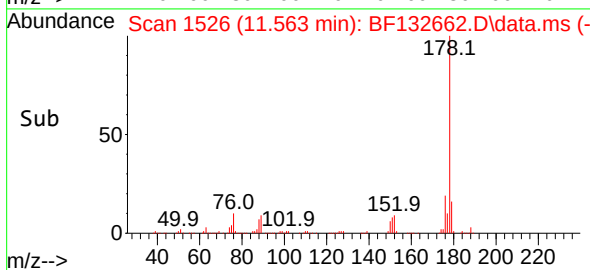
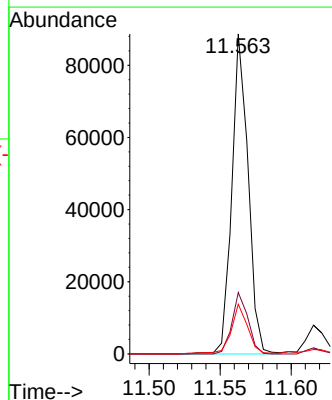
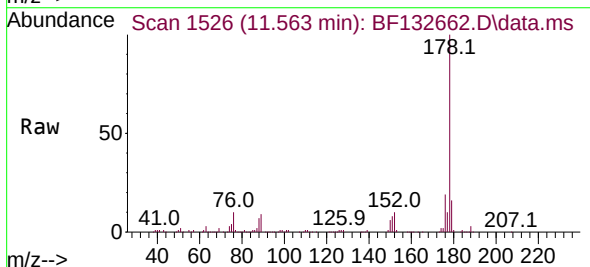
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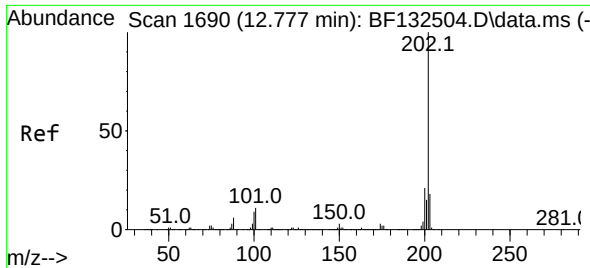
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#71
Phenanthrene
Concen: 2.294 ng
RT: 11.563 min Scan# 1526
Delta R.T. -0.015 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

Tgt Ion:178 Resp: 70383
Ion Ratio Lower Upper
178 100
176 19.2 16.5 24.7
179 15.5 13.0 19.6





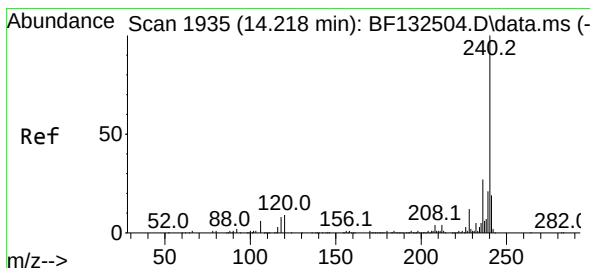
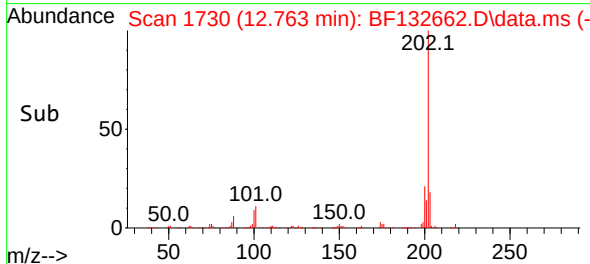
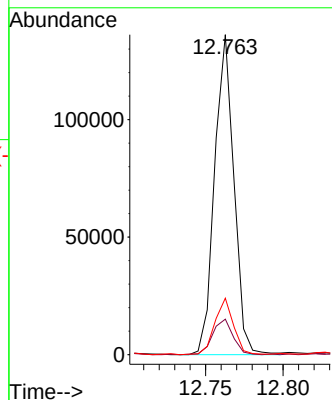
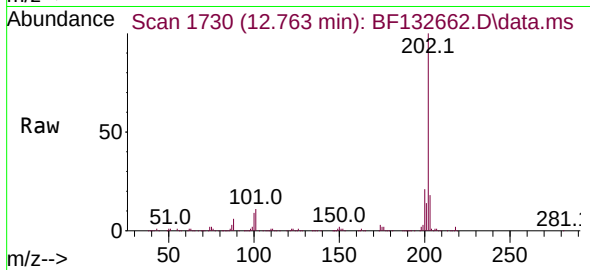
#75
Fluoranthene
Concen: 3.531 ng
RT: 12.763 min Scan# 1730
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

Instrument :
BNA_F
ClientSampleId :
VNJ-206

Tgt Ion:202 Resp: 11841
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.6 0.0 38.0

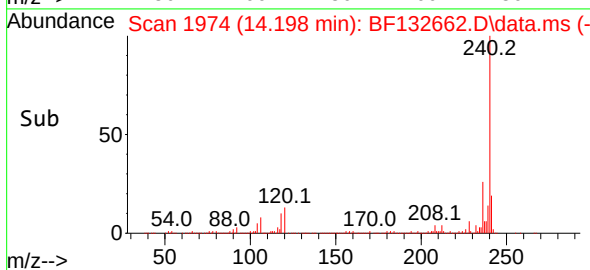
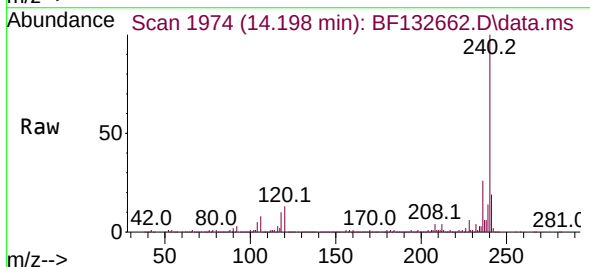
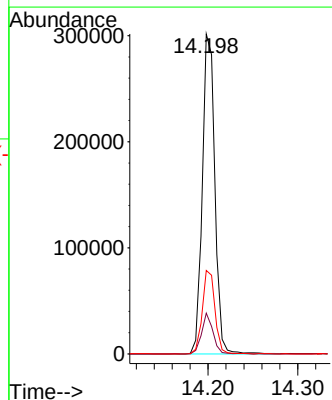
Manual Integrations
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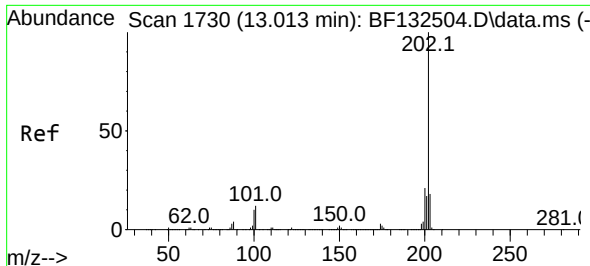
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

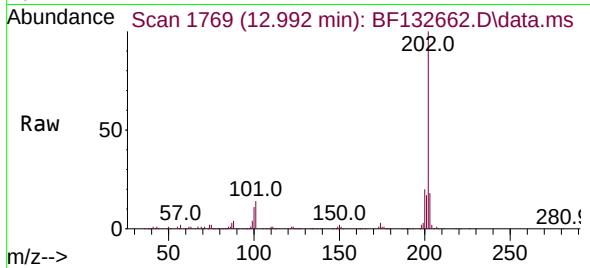
Tgt Ion:240 Resp: 292218
Ion Ratio Lower Upper
240 100
120 12.7 7.2 10.8#
236 26.1 21.8 32.6





#78
Pyrene
Concen: 4.078 ng
RT: 12.992 min Scan# 1769
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

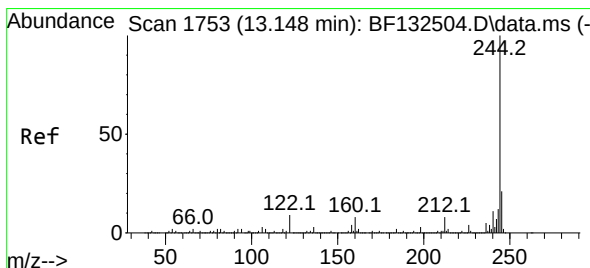
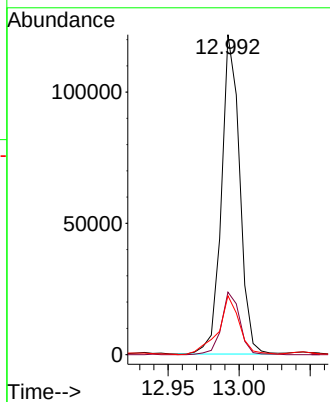
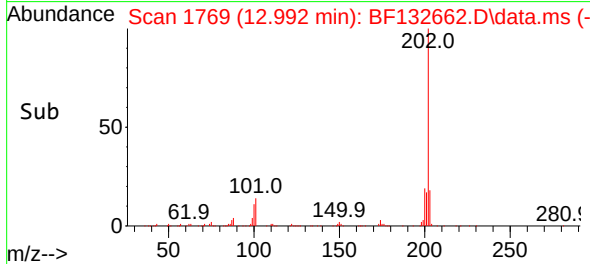
Instrument :
BNA_F
ClientSampleId :
VNJ-206



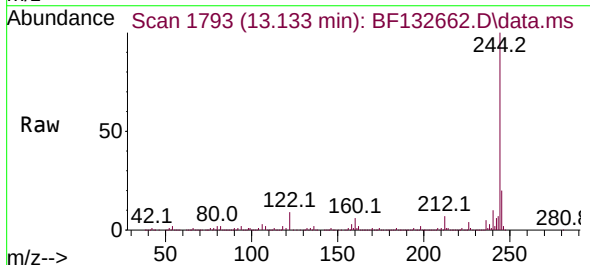
Tgt Ion:202 Resp: 108342
Ion Ratio Lower Upper
202 100
200 19.5 17.1 25.7
203 18.4 14.6 21.8

Manual Integrations
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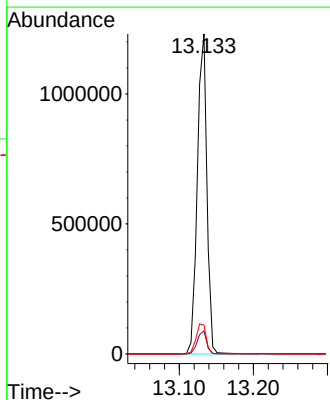
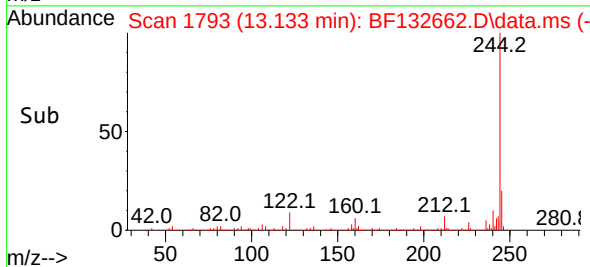
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

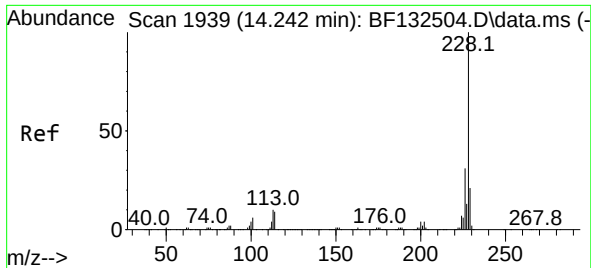


#79
Terphenyl-d14
Concen: 64.109 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



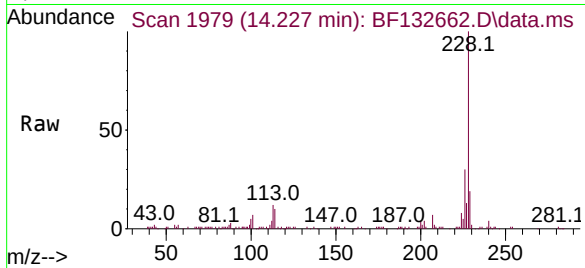
Tgt Ion:244 Resp: 1108028
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 9.0 7.5 11.3





#83
Chrysene
Concen: 2.243 ng
RT: 14.227 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

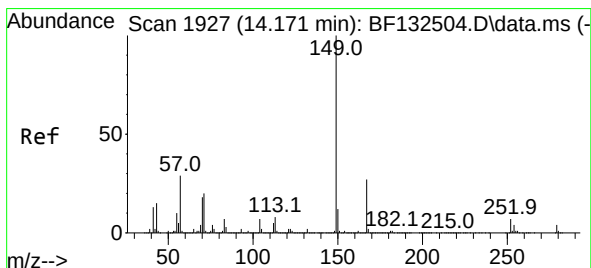
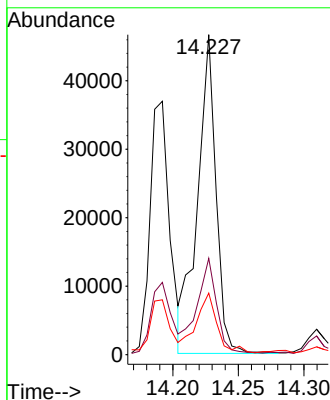
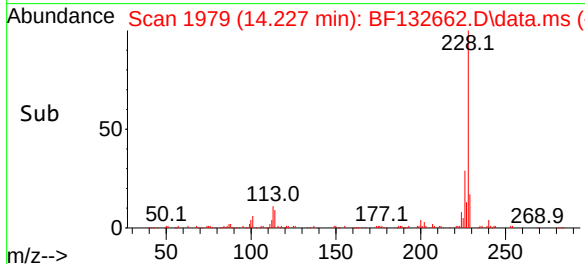
Instrument :
BNA_F
ClientSampleId :
VNJ-206



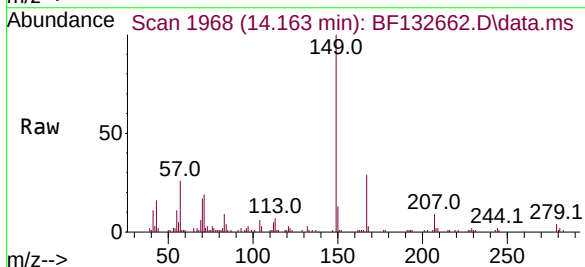
Tgt Ion:228 Resp: 45876
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 19.2 16.4 24.6

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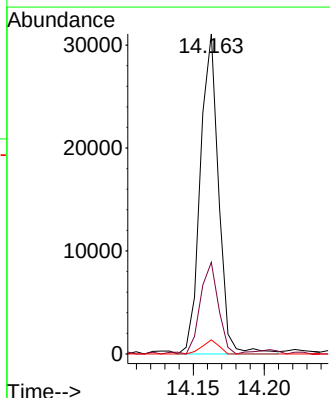
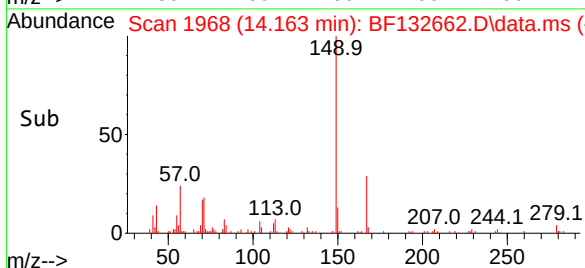
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

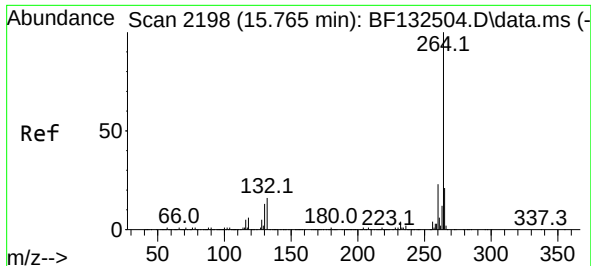


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.158 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



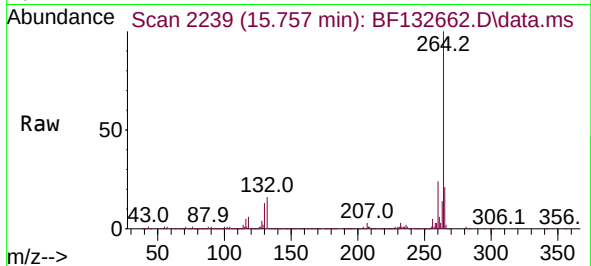
Tgt Ion:149 Resp: 27791
Ion Ratio Lower Upper
149 100
167 28.6 21.8 32.6
279 4.4 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 2198
Delta R.T. 0.003 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20

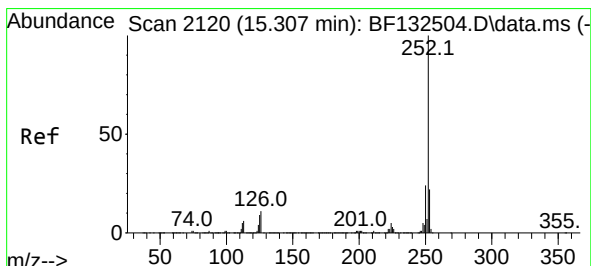
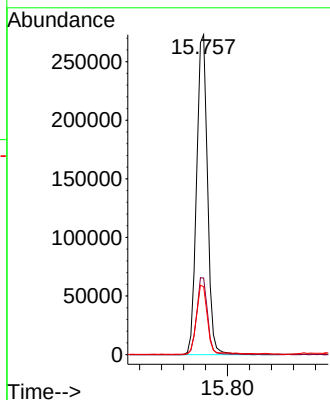
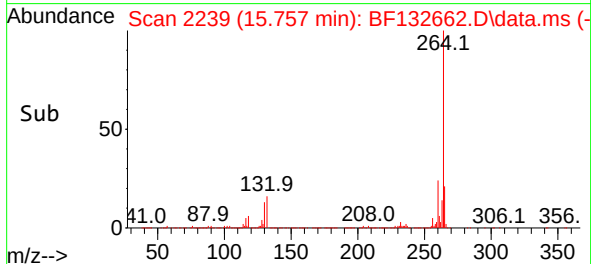
Instrument :
BNA_F
ClientSampleId :
VNJ-206



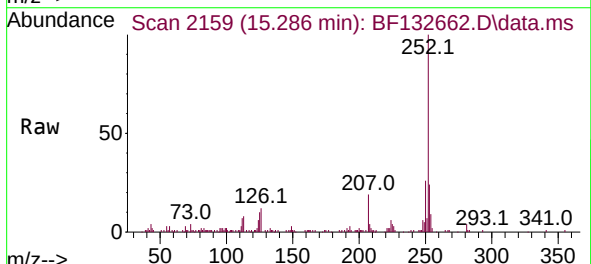
Tgt Ion:264 Resp: 376293
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.2 17.1 25.7

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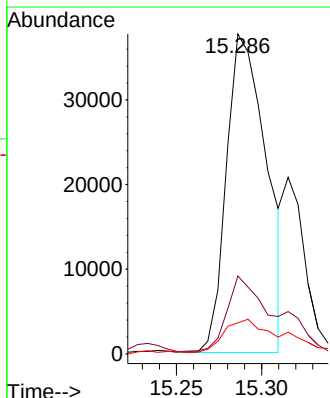
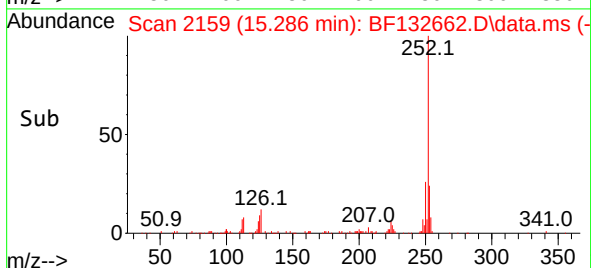
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

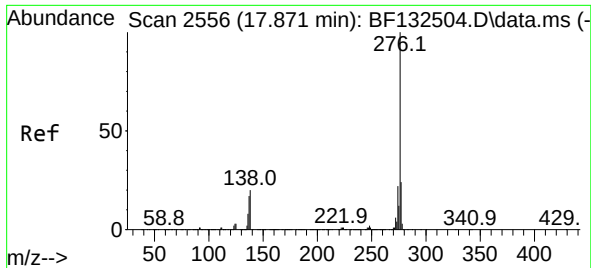


#88
Benzo(b)fluoranthene
Concen: 2.443 ng m
RT: 15.286 min Scan# 2159
Delta R.T. -0.009 min
Lab File: BF132662.D
Acq: 06 Mar 2023 22:20



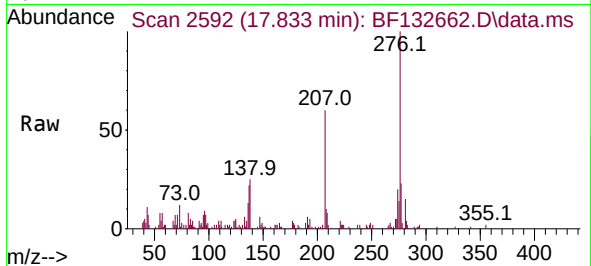
Tgt Ion:252 Resp: 61601
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 9.7 7.0 10.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.886 ng
 RT: 17.833 min Scan# 2592
 Delta R.T. -0.020 min
 Lab File: BF132662.D
 Acq: 06 Mar 2023 22:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206



Tgt Ion: 276 Resp: 2988

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.9	28.3
138	25.3	16.2	24.4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

