

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127373.D
 Acq On : 17 Mar 2022 13:51
 Operator : CG\JU
 Sample : N1894-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1(0-10)DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

Quant Time: Mar 17 14:19:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92698	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	341356	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	199536	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288357	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	210161	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	148928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	49098	8.515	ng	0.00
7) Phenol-d6	6.498	99	58254	7.344	ng	0.00
23) Nitrobenzene-d5	7.428	82	39047	4.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	8058	3.751	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	74522	5.280	ng	-0.01
79) Terphenyl-d14	12.980	244	54076	4.431	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	33269	2.186	ng	96
75) Fluoranthene	12.616	202	70299	4.130	ng	92
78) Pyrene	12.845	202	59836	3.655	ng	99
81) Benzo(a)anthracene	14.033	228	35577	2.514	ng	95
83) Chrysene	14.068	228	29476	2.240	ng	96
84) Bis(2-ethylhexyl)phtha...	14.010	149	419118	49.421	ng	# 99
85) Di-n-octyl phthalate	14.627	149	104241	8.121	ng	# 91
88) Benzo(b)fluoranthene	15.098	252	37109m	3.796	ng	
90) Benzo(a)pyrene	15.468	252	21749m	2.825	ng	

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

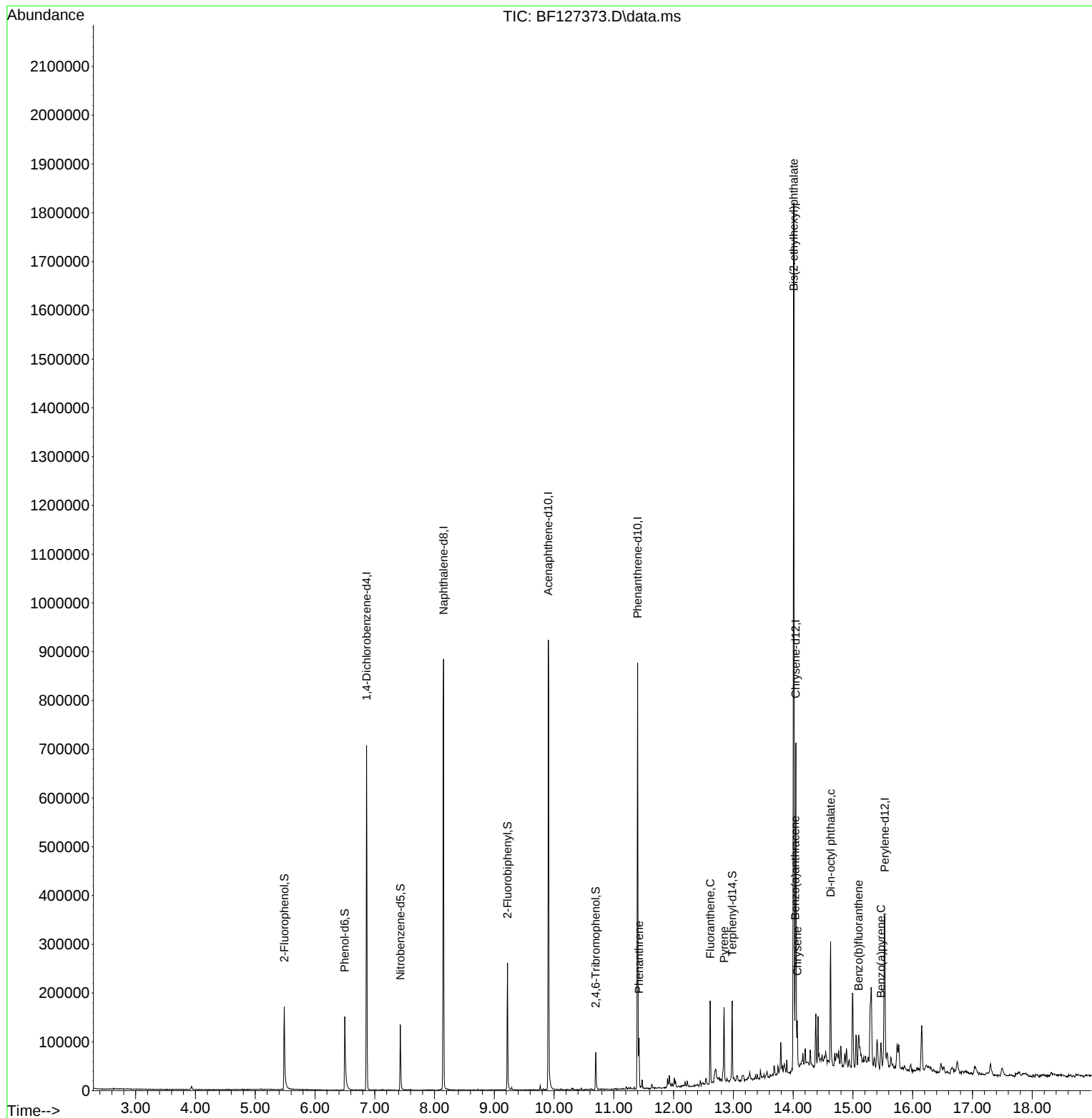
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127373.D
Acq On : 17 Mar 2022 13:51
Operator : CG\JU
Sample : N1894-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

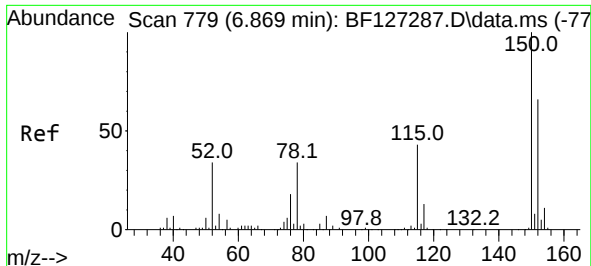
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

Quant Time: Mar 17 14:19:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

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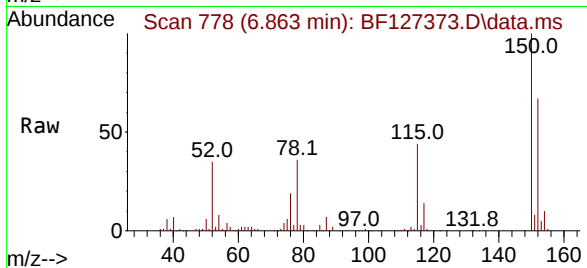
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

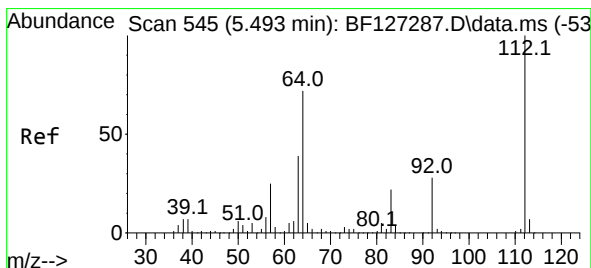
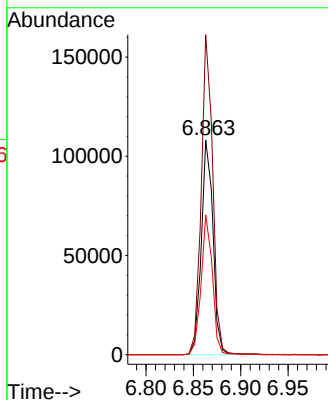
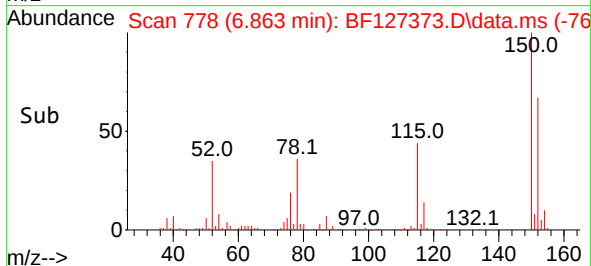
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



Tgt Ion:152 Resp: 92698
Ion Ratio Lower Upper
152 100
150 149.2 128.1 192.1
115 65.2 56.7 85.1

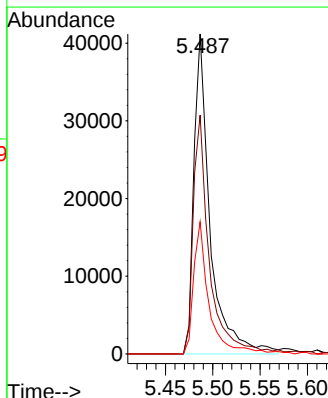
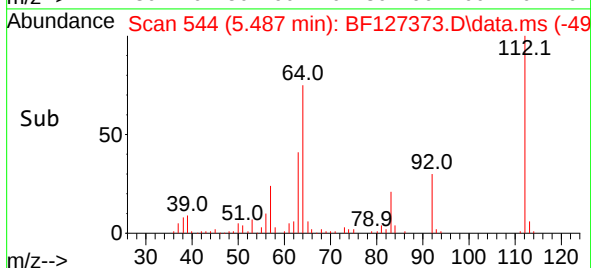
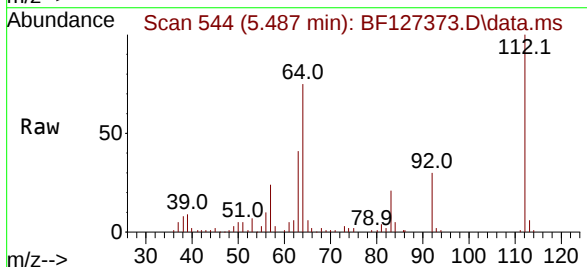
Manual Integrations
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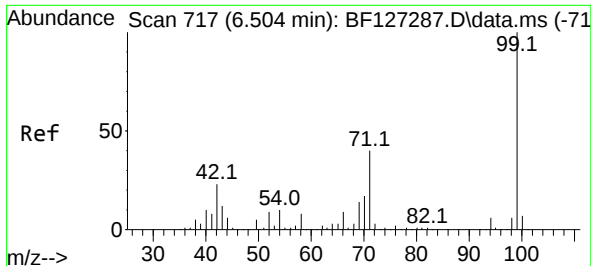
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#5
2-Fluorophenol
Concen: 8.515 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

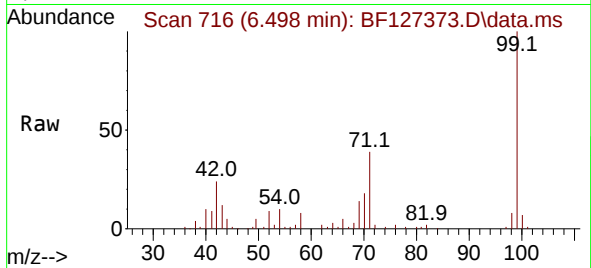
Tgt Ion:112 Resp: 49098
Ion Ratio Lower Upper
112 100
64 74.7 49.5 74.3#
63 41.3 23.9 35.9#





#7
Phenol-d6
Concen: 7.344 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

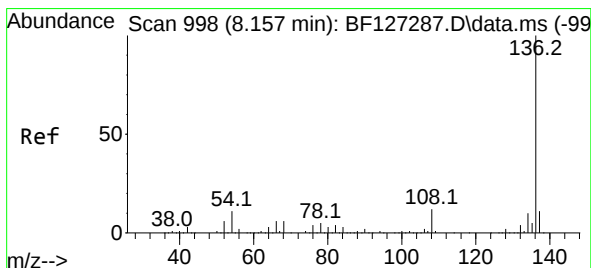
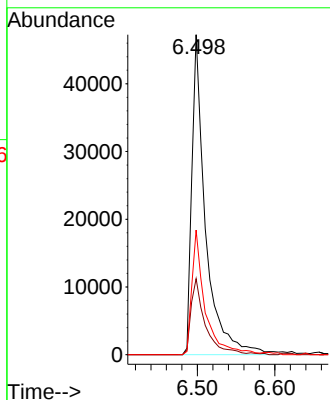
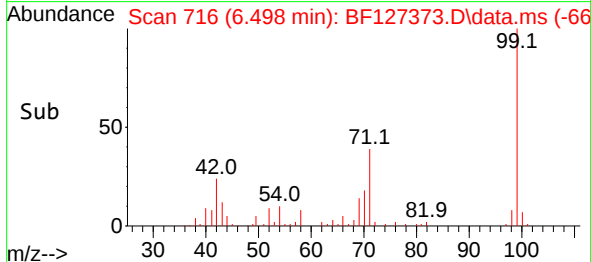
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



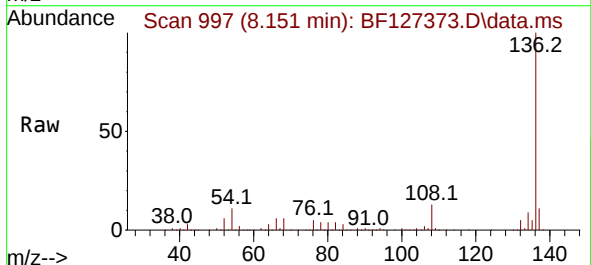
Tgt Ion: 99 Resp: 58254
Ion Ratio Lower Upper
99 100
42 23.8 14.2 21.4
71 39.0 24.3 36.5

Manual Integrations
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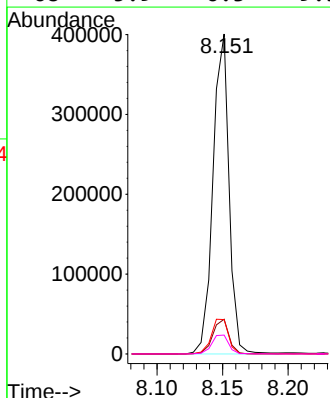
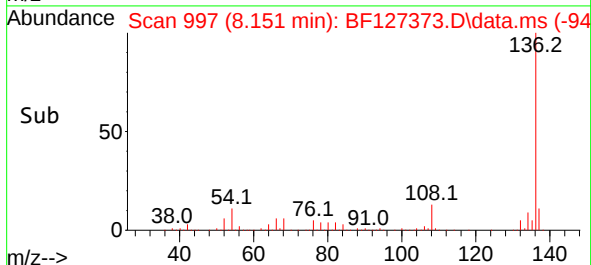
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

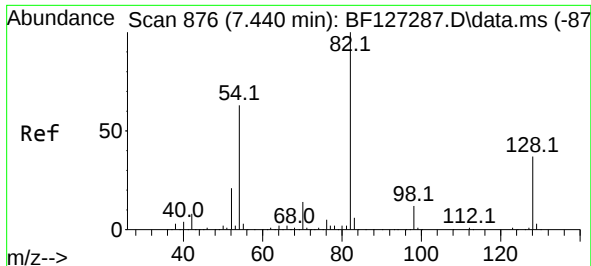


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51



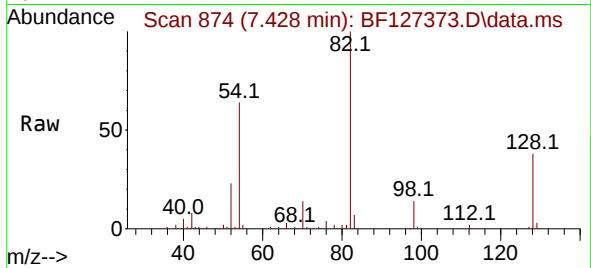
Tgt Ion:136 Resp: 341356
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.8 7.8 11.6
68 5.9 6.3 9.5





#23
Nitrobenzene-d5
Concen: 4.724 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

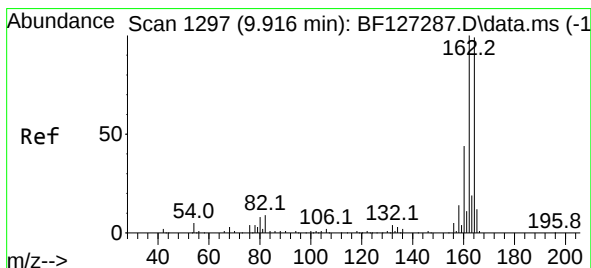
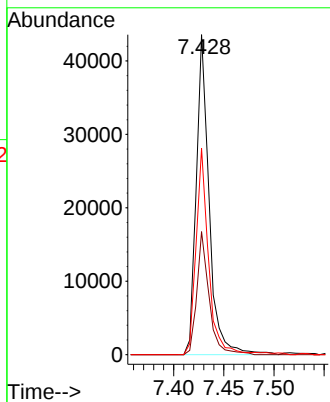
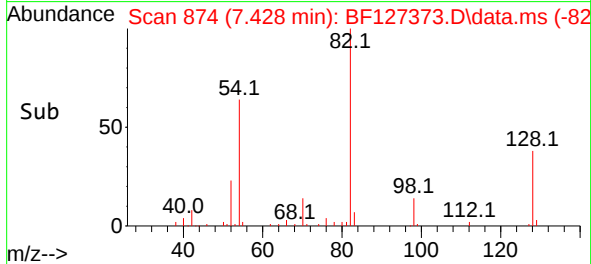
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



Tgt Ion: 82 Resp: 3904
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 64.5 41.7 62.5

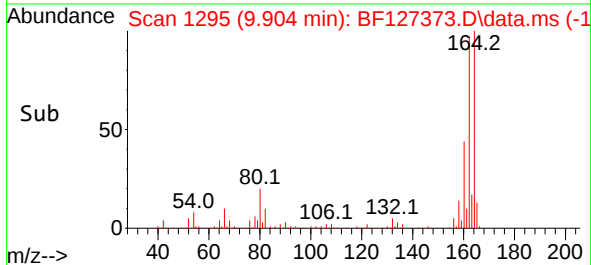
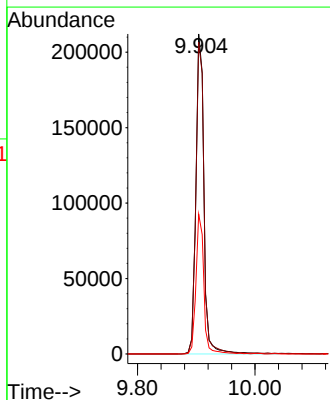
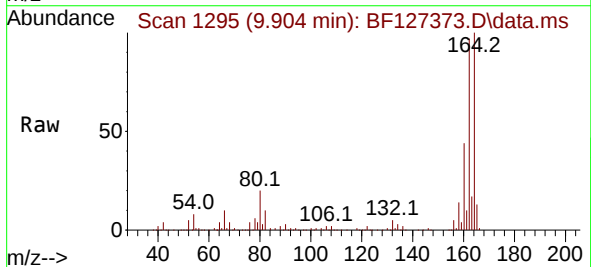
Manual Integrations
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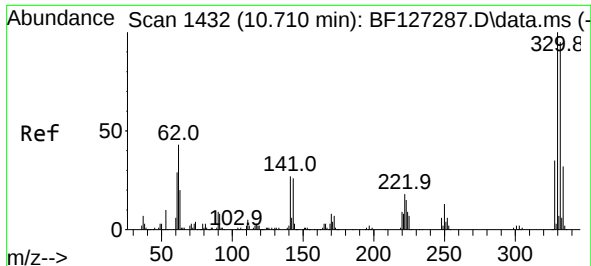
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

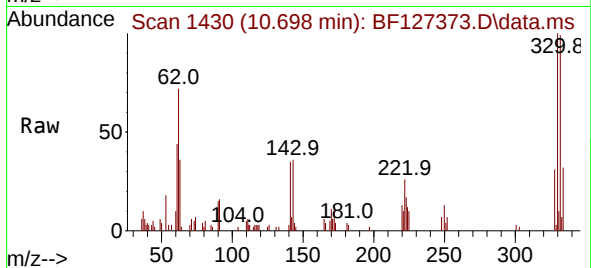
Tgt Ion:164 Resp: 199536
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 43.7 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 3.751 ng
RT: 10.698 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

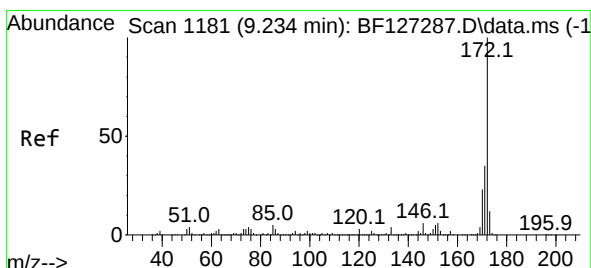
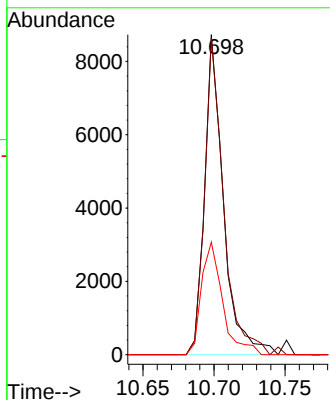
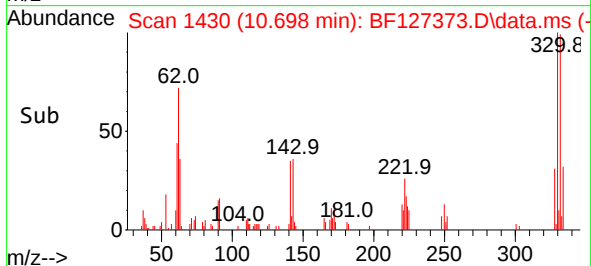
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



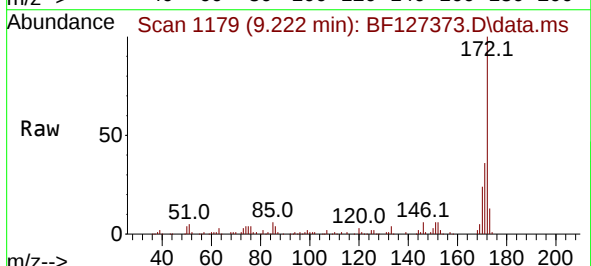
Tgt Ion: 330 Resp: 805
Ion Ratio Lower Upper
330 100
332 100.4 76.0 114.0
141 39.5 30.1 45.1

Manual Integrations
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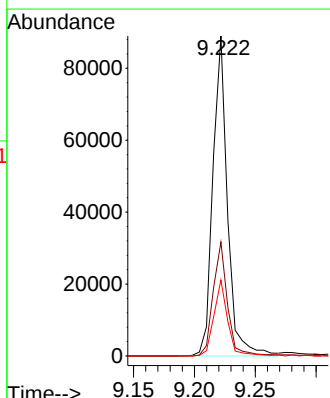
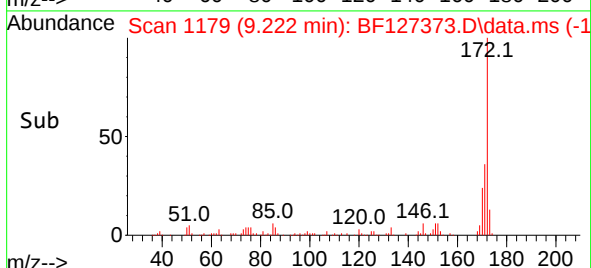
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022

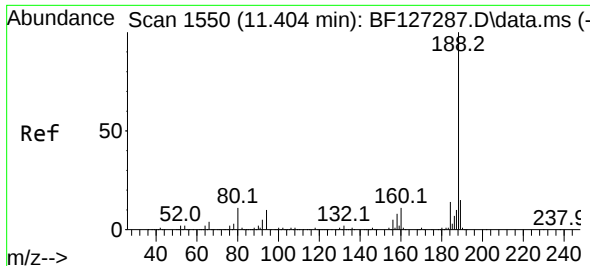


#45
2-Fluorobiphenyl
Concen: 5.280 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51



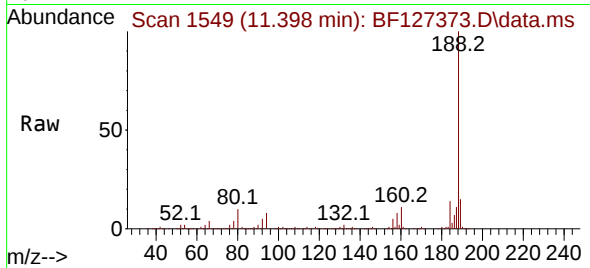
Tgt Ion: 172 Resp: 74522
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.8 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

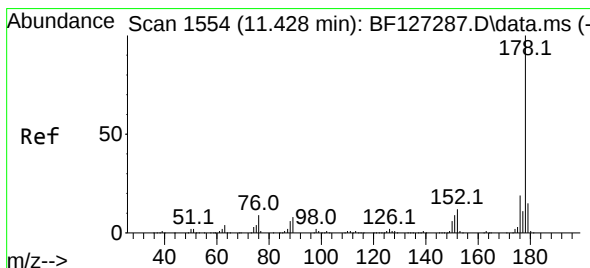
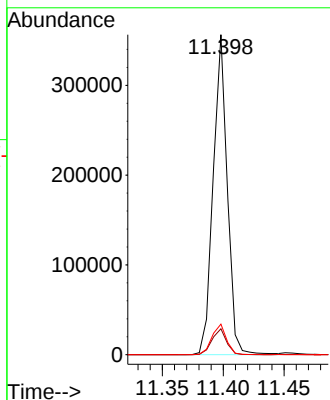
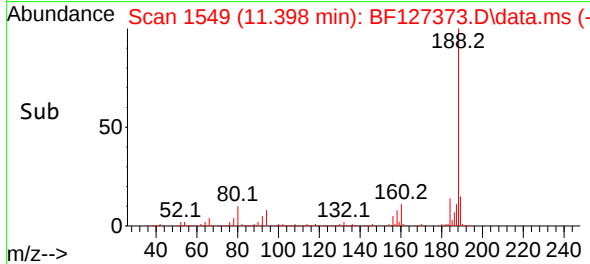
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



Tgt Ion:188 Resp: 28835
Ion Ratio Lower Upper
188 100
94 8.1 10.1 15.1
80 9.6 11.8 17.6

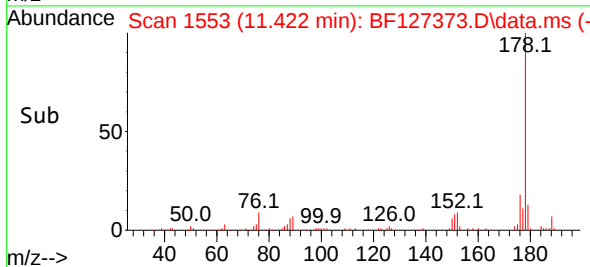
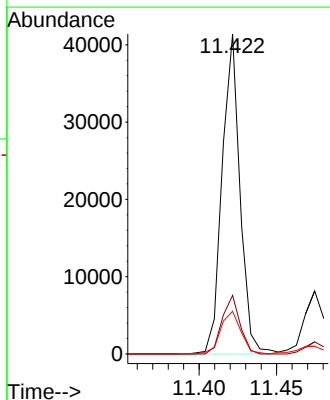
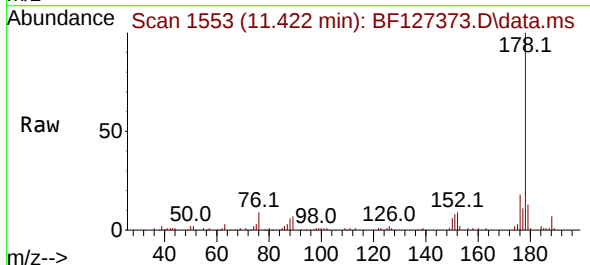
Manual Integrations
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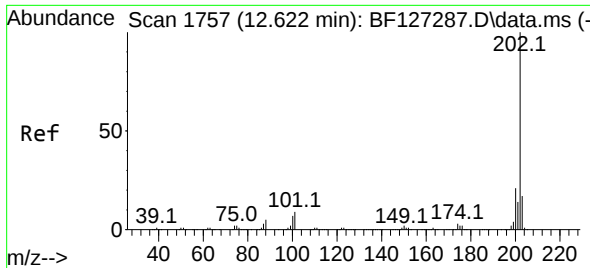
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#71
Phenanthrene
Concen: 2.186 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

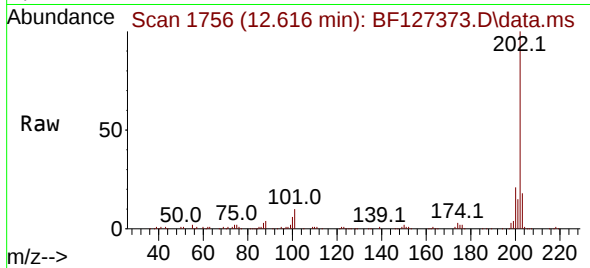
Tgt Ion:178 Resp: 33269
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 13.3 12.3 18.5





#75
Fluoranthene
Concen: 4.130 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

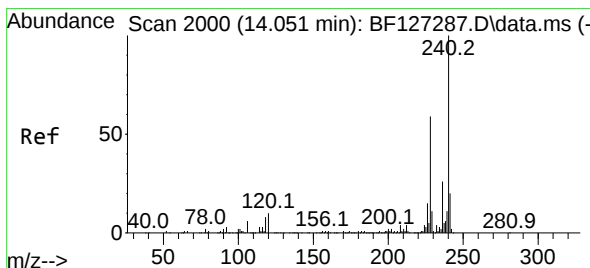
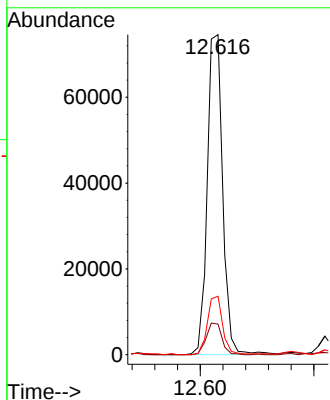
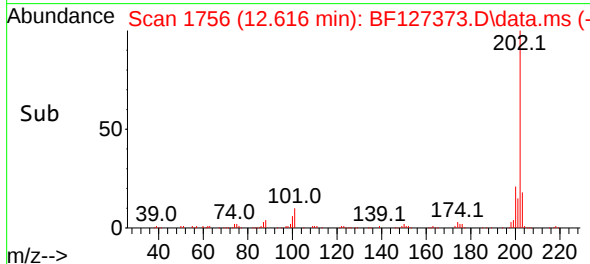
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



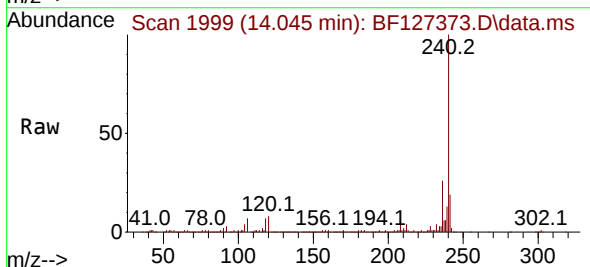
Tgt Ion:202 Resp: 70299
Ion Ratio Lower Upper
202 100
101 9.6 0.0 35.7
203 18.3 0.0 37.1

Manual Integrations
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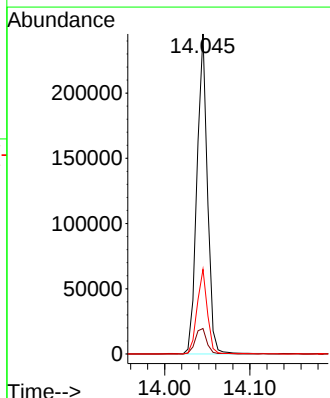
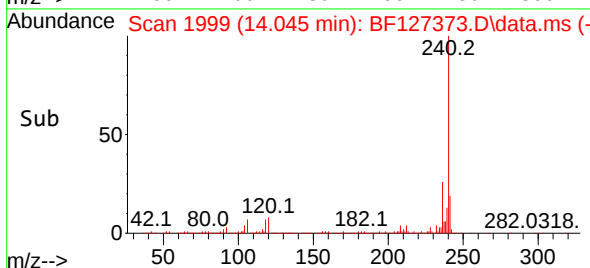
Reviewed By :Christian Giraldo 03/18/2022
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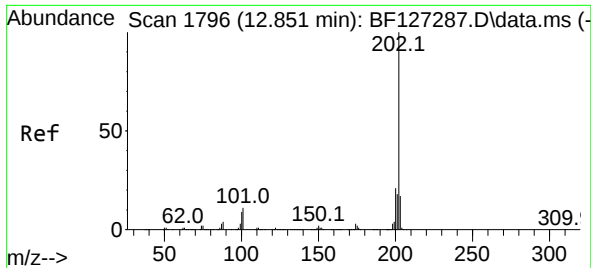


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51



Tgt Ion:240 Resp: 210161
Ion Ratio Lower Upper
240 100
120 7.9 14.4 21.6#
236 26.4 20.5 30.7





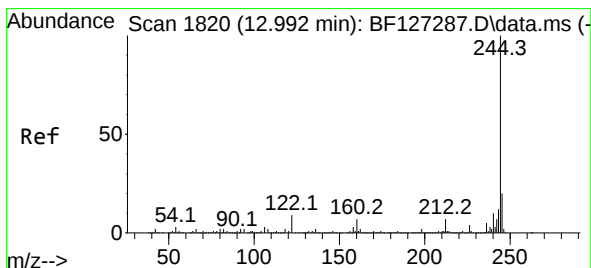
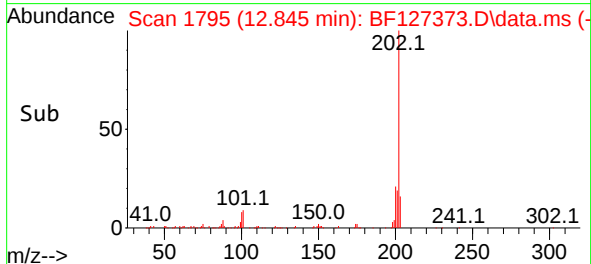
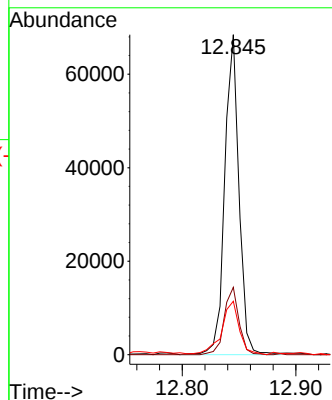
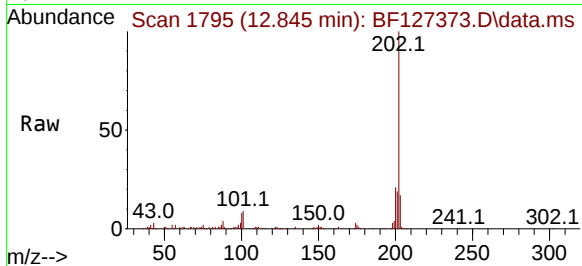
#78
Pyrene
Concen: 3.655 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

Tgt Ion:202 Resp: 59830
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 16.7 13.8 20.8

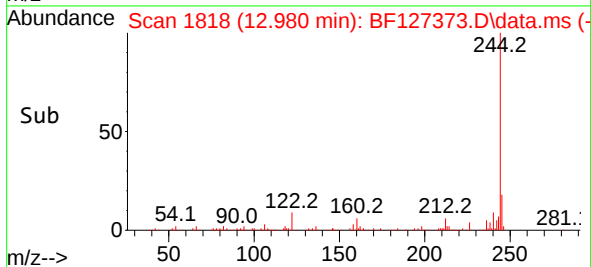
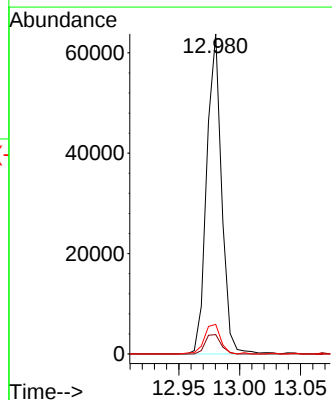
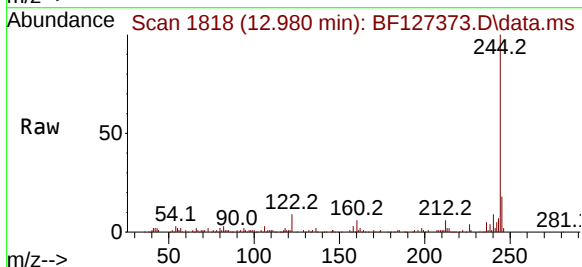
Manual Integrations
APPROVED

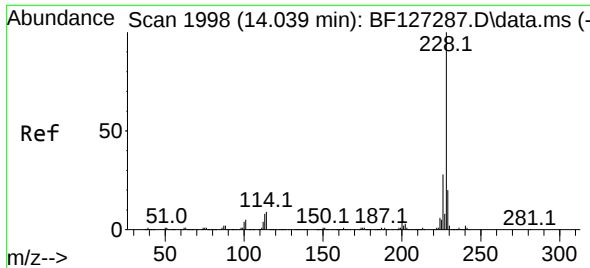
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#79
Terphenyl-d14
Concen: 4.431 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

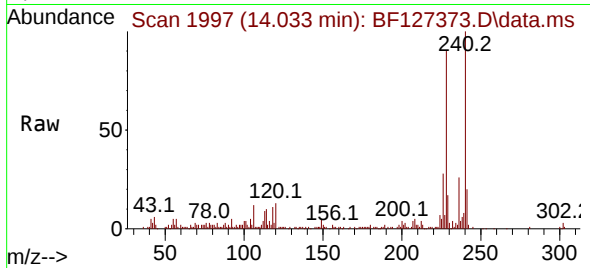
Tgt Ion:244 Resp: 54076
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 9.2 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.514 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

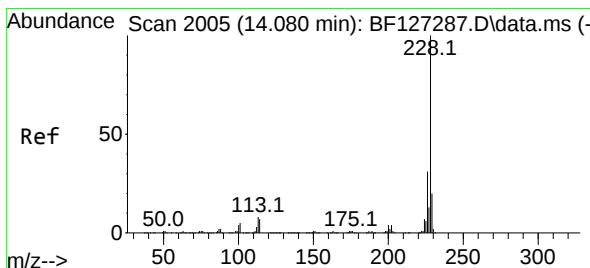
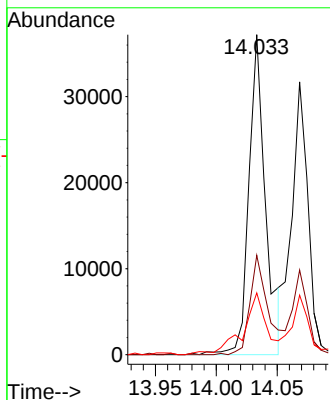
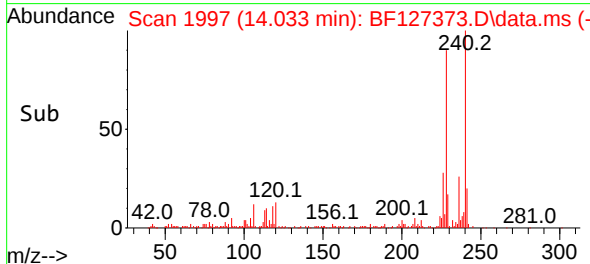
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



Tgt Ion:228 Resp: 3557
Ion Ratio Lower Upper
228 100
226 31.1 21.4 32.0
229 19.3 15.4 23.2

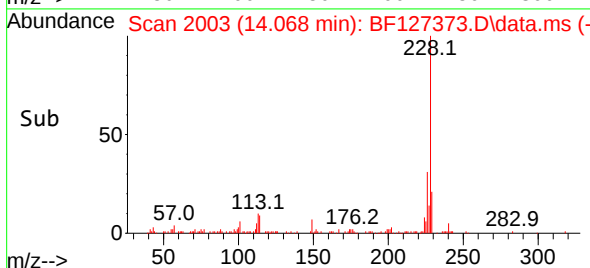
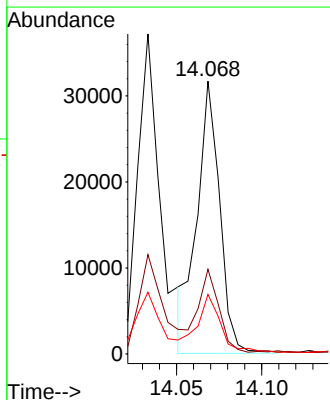
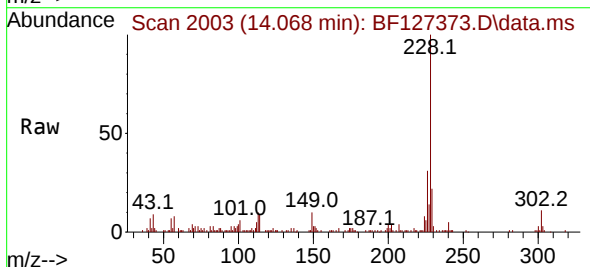
Manual Integrations
APPROVED

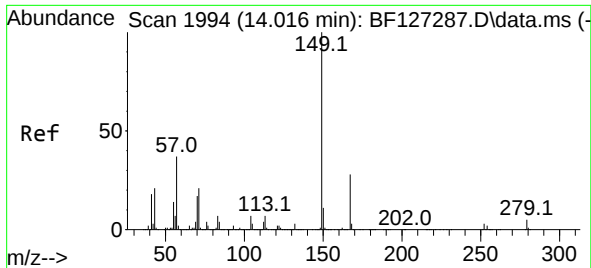
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#83
Chrysene
Concen: 2.240 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

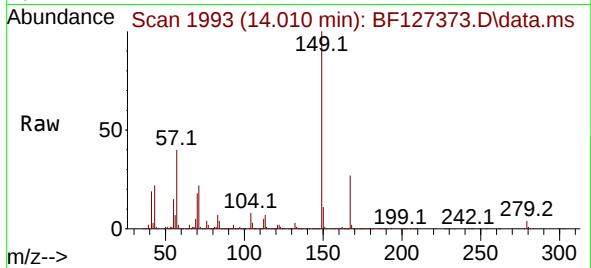
Tgt Ion:228 Resp: 29476
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 21.8 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 49.421 ng
RT: 14.010 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

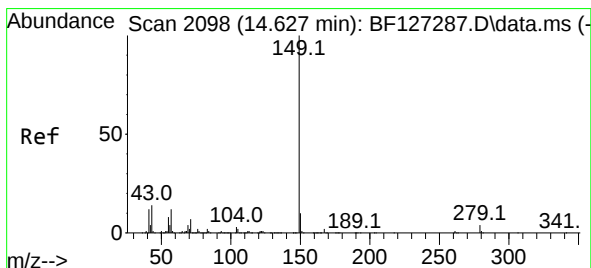
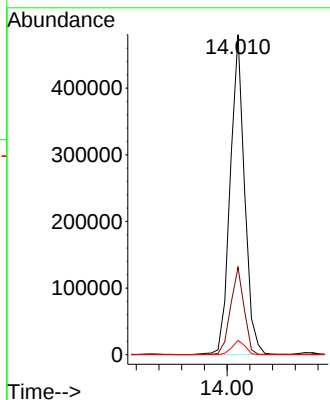
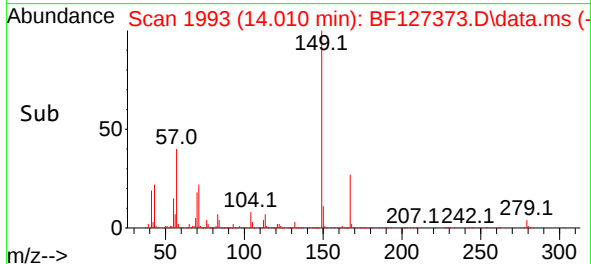
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



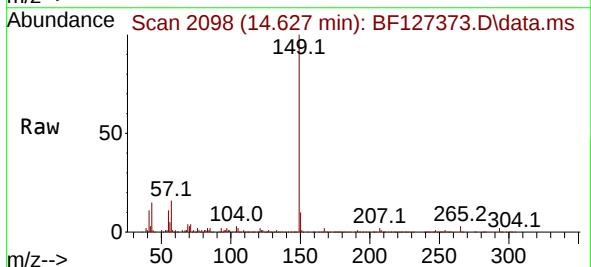
Tgt Ion:149 Resp: 419118
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.5 2.4 3.6

Manual Integrations
APPROVED

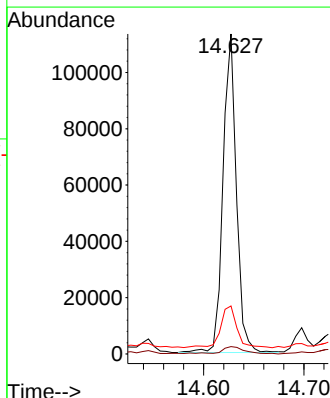
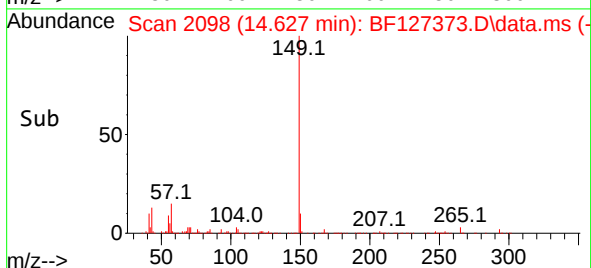
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

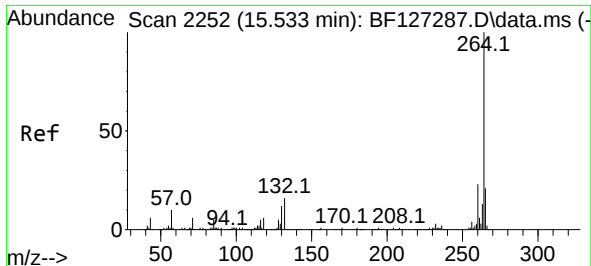


#85
Di-n-octyl phthalate
Concen: 8.121 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51



Tgt Ion:149 Resp: 104241
Ion Ratio Lower Upper
149 100
167 4.4 1.1 1.7#
43 16.2 9.9 14.9#





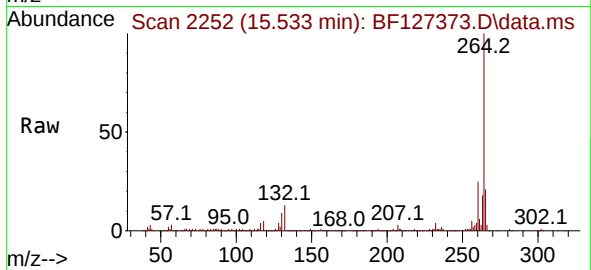
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Instrument :

BNA_F

ClientSampleId :

TP1(0-10)DL

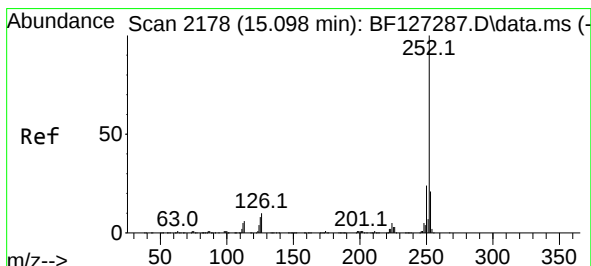
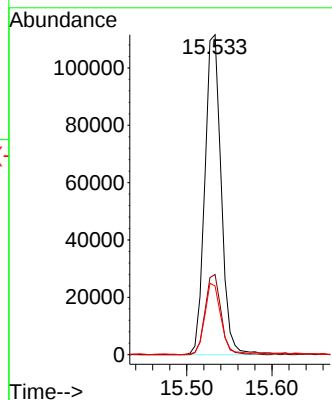
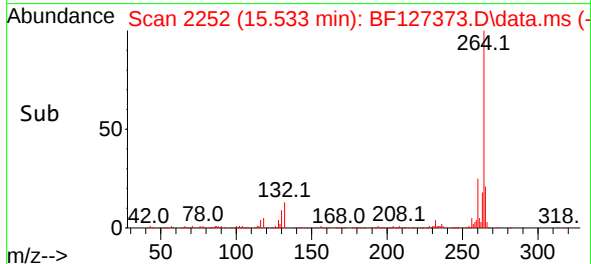


Tgt Ion:264 Resp: 148928
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.5 17.4 26.2

Manual Integrations

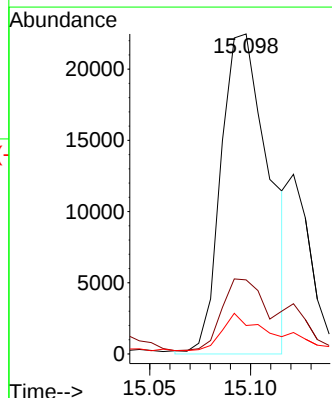
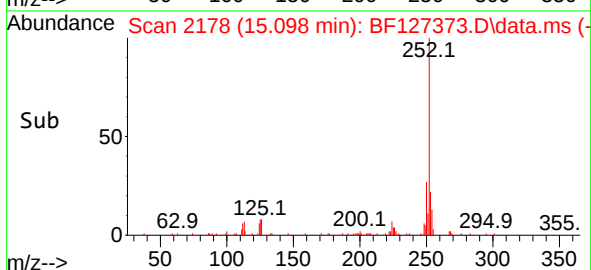
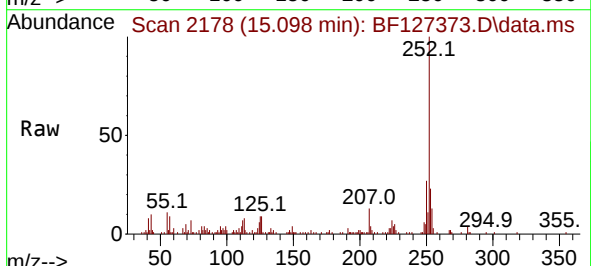
APPROVED

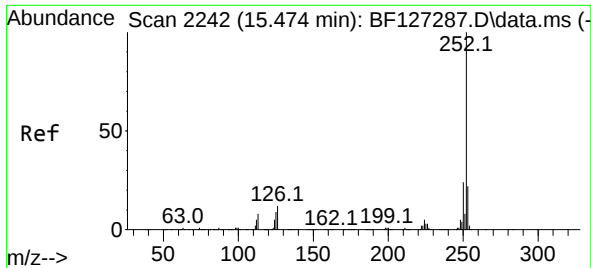
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#88
Benzo(b)fluoranthene
Concen: 3.796 ng m
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

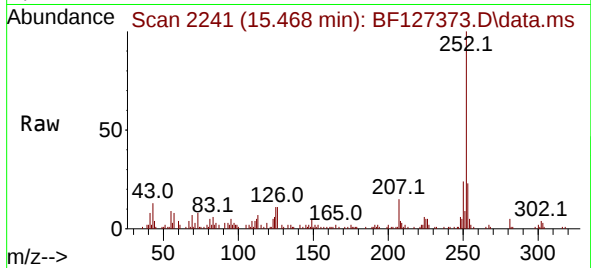
Tgt Ion:252 Resp: 37109
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 8.9 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.825 ng m
RT: 15.468 min Scan# 21749
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL



Tgt Ion:252 Resp: 21749
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 11.4 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

