

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129513.D
 Acq On : 02 Aug 2022 18:19
 Operator : CG\JU
 Sample : N3896-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-60

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/03/2022

Quant Time: Aug 03 01:47:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	149489	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	602317	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	311491	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	489471	20.000	ng	0.00
76) Chrysene-d12	14.045	240	285281	20.000	ng	0.00
86) Perylene-d12	15.533	264	299547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	916502	99.872	ng	0.00
7) Phenol-d6	6.522	99	1155309	100.160	ng	0.00
23) Nitrobenzene-d5	7.440	82	759514	68.836	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	289115	96.541	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1400904	69.573	ng	0.00
79) Terphenyl-d14	12.986	244	1153253	76.265	ng	0.00
Target Compounds						
78) Pyrene	12.845	202	57971	2.430	ng	Qvalue 98
88) Benzo(b)fluoranthene	15.092	252	47321m	2.382	ng	

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

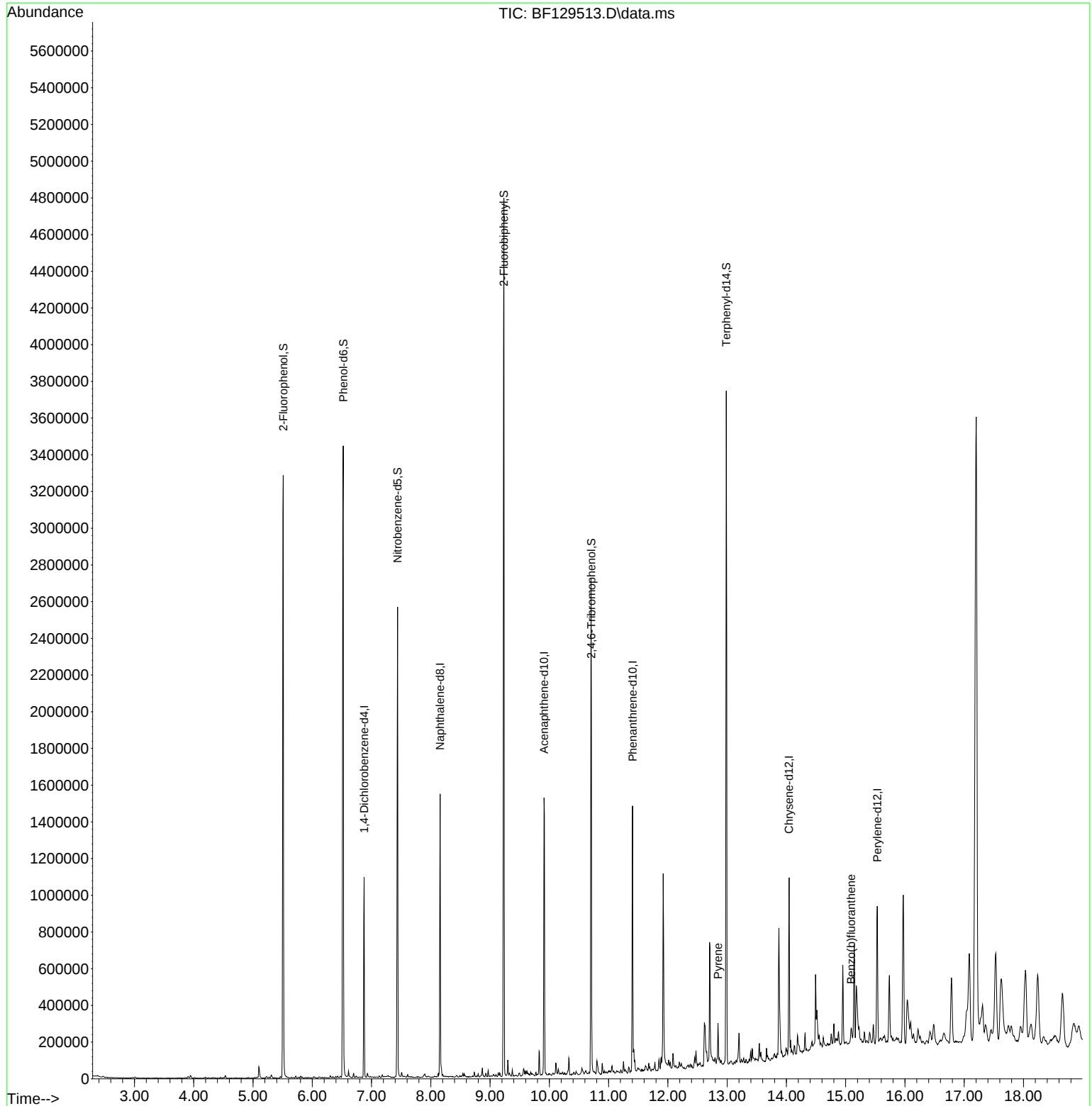
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129513.D
Acq On : 02 Aug 2022 18:19
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

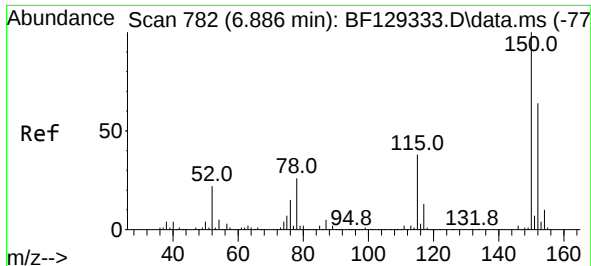
Instrument :
BNA_F
ClientSampleId :
RVE-60

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/03/2022
Supervised By : Jagrut Upadhyay 08/03/2022

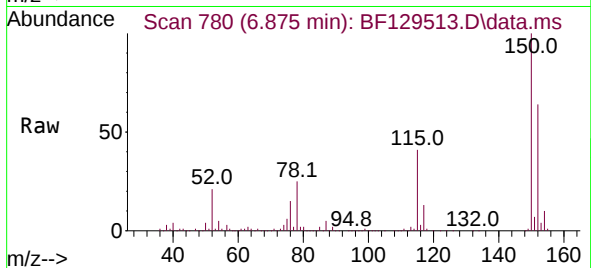
Quant Time: Aug 03 01:47:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

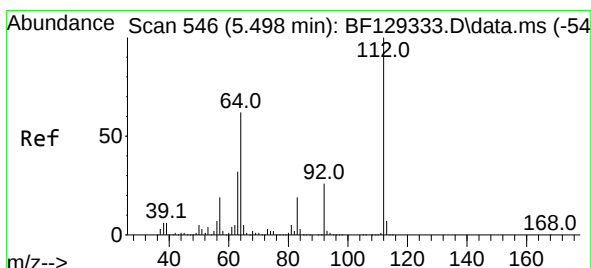
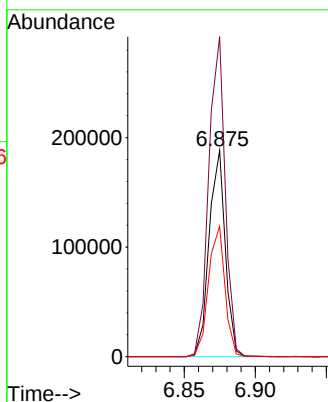
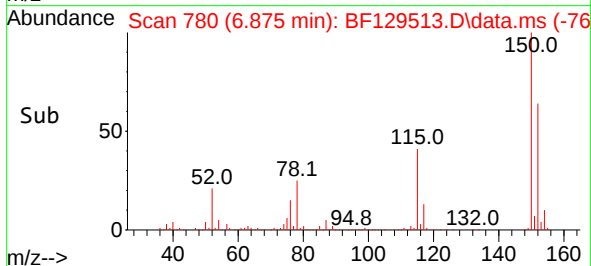
Instrument :
BNA_F
ClientSampleId :
RVE-60



Tgt Ion:152 Resp: 149489
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 63.2 49.9 74.9

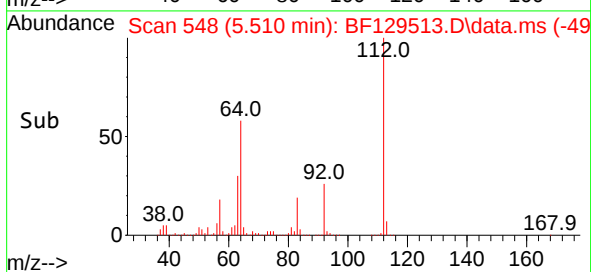
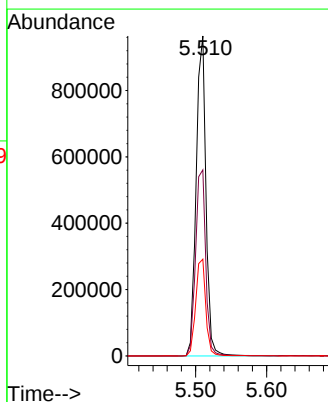
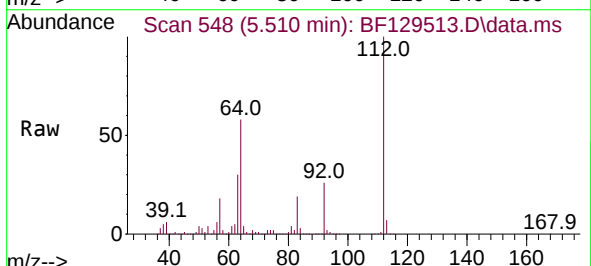
Manual Integrations
APPROVED

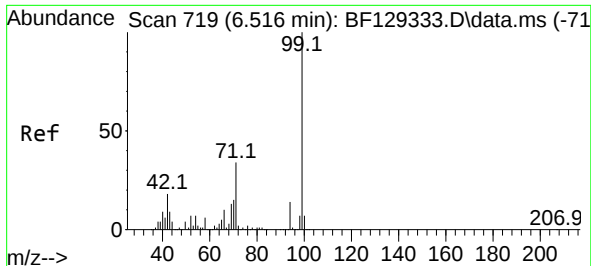
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#5
2-Fluorophenol
Concen: 99.872 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:112 Resp: 916502
Ion Ratio Lower Upper
112 100
64 58.1 53.3 79.9
63 30.2 28.0 42.0





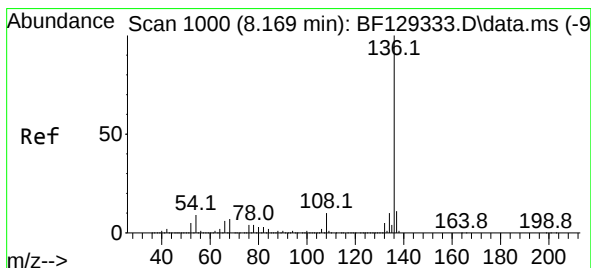
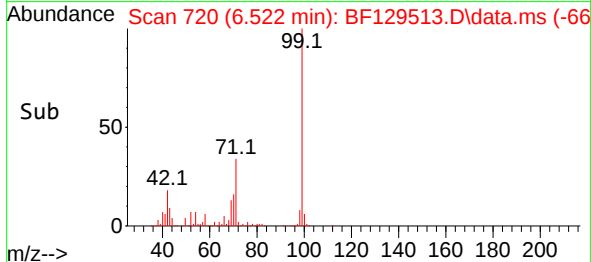
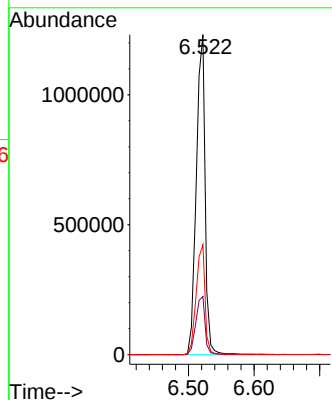
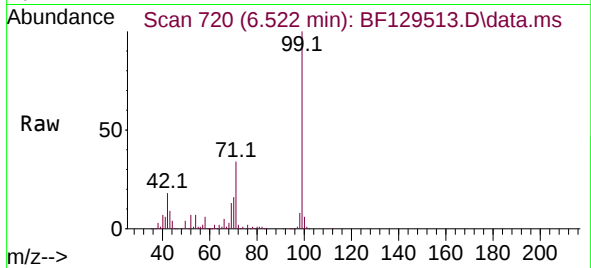
#7
Phenol-d6
Concen: 100.160 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion: 99 Resp: 1155309
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 34.4 28.9 43.3

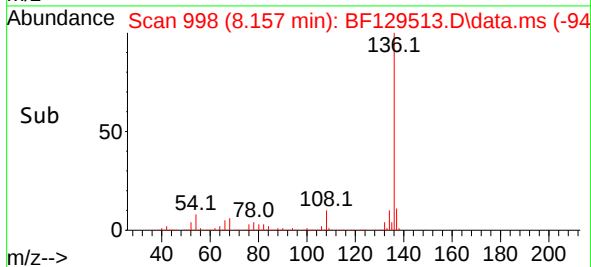
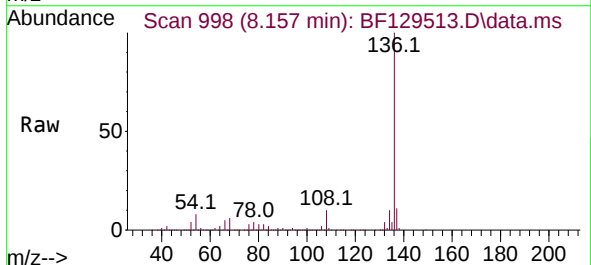
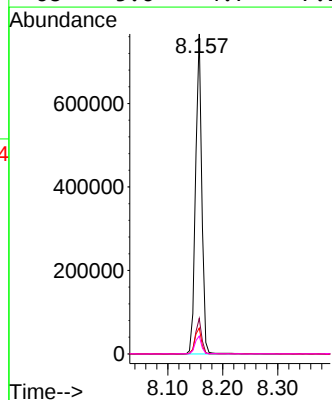
Manual Integrations
APPROVED

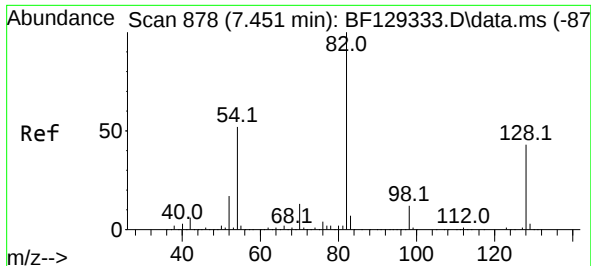
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

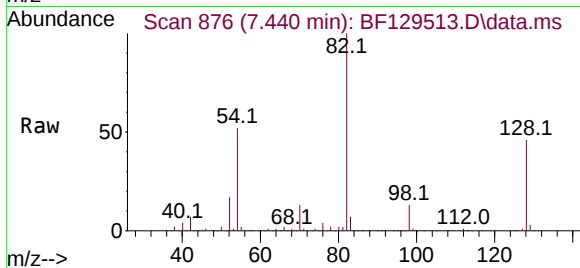
Tgt Ion:136 Resp: 602317
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 7.5 11.3
68 5.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 68.836 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

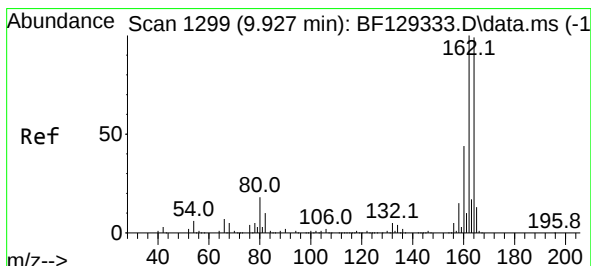
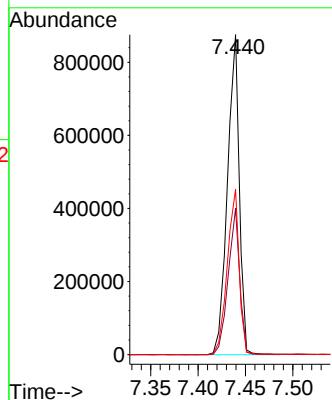
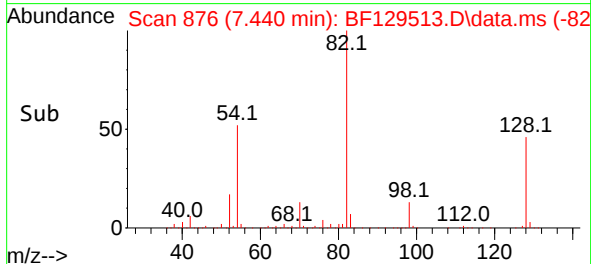
Instrument :
BNA_F
ClientSampleId :
RVE-60



Tgt Ion: 82 Resp: 759514
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 51.7 46.9 70.3

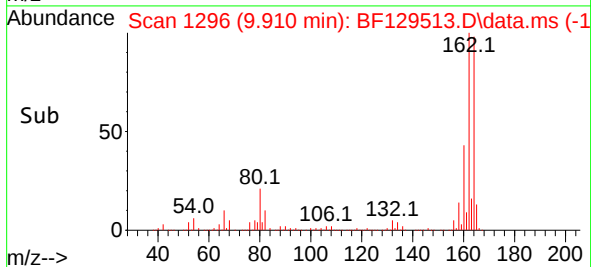
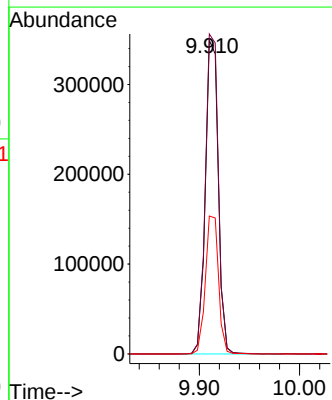
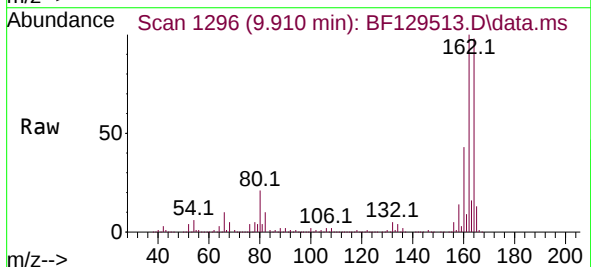
Manual Integrations
APPROVED

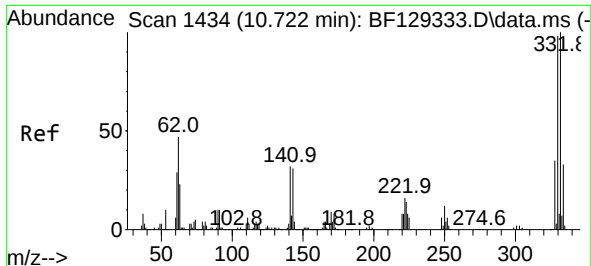
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

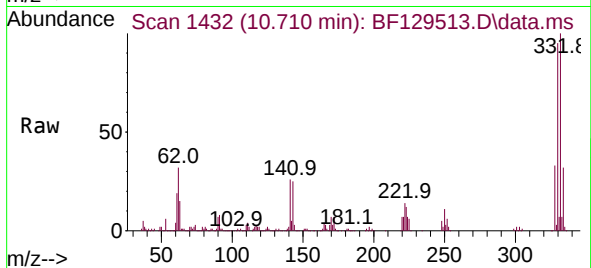
Tgt Ion:164 Resp: 311491
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 96.541 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

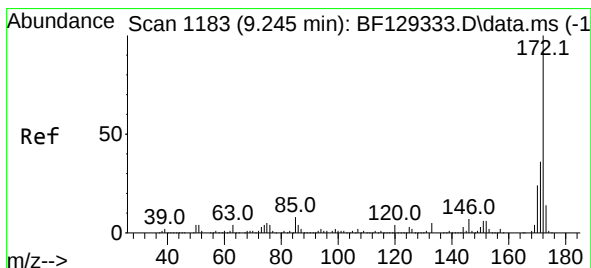
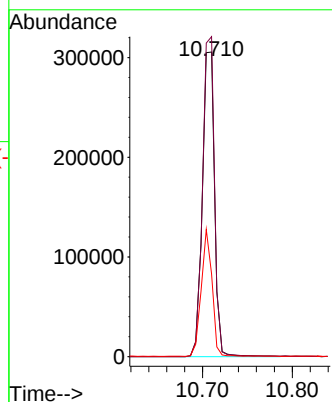
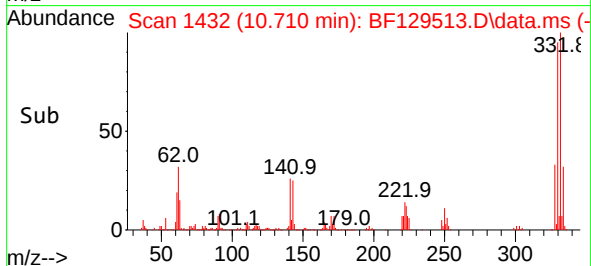
Instrument :
BNA_F
ClientSampleId :
RVE-60



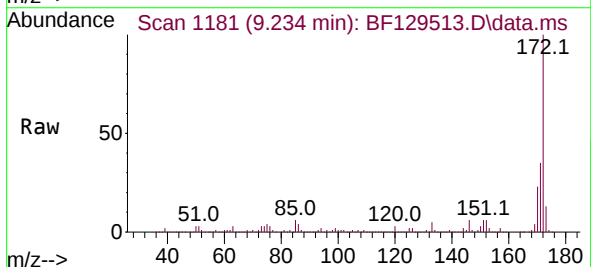
Tgt Ion: 330 Resp: 289115
Ion Ratio Lower Upper
330 100
332 102.9 76.8 115.2
141 36.9 28.0 42.0

Manual Integrations
APPROVED

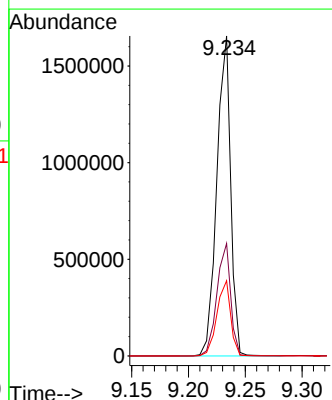
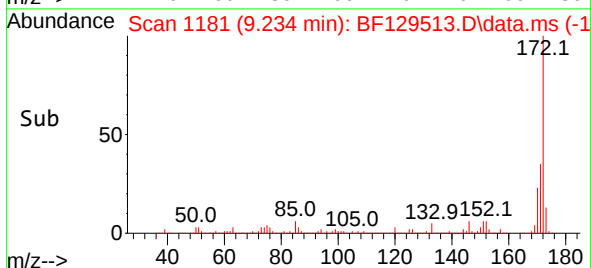
Reviewed By : Christian Giraldo 08/03/2022
Supervised By : Jagrut Upadhyay 08/03/2022

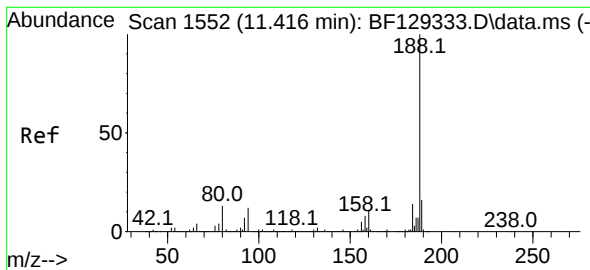


#45
2-Fluorobiphenyl
Concen: 69.573 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19



Tgt Ion: 172 Resp: 1400904
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.8 29.8





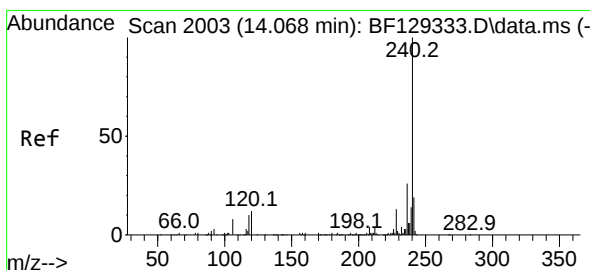
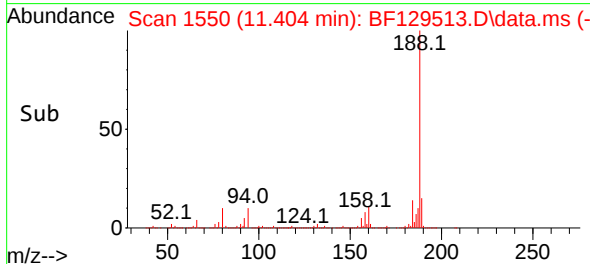
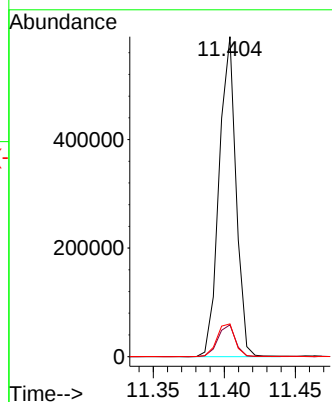
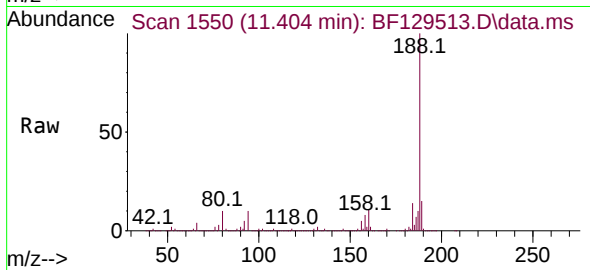
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion:188 Resp: 48947
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.3 7.6 11.4

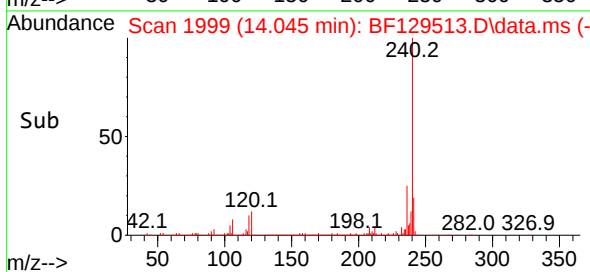
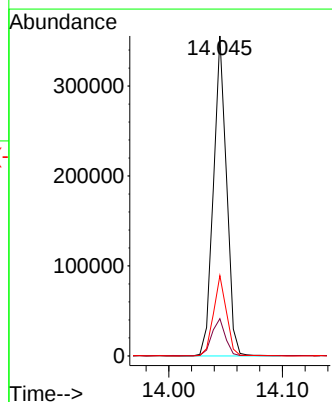
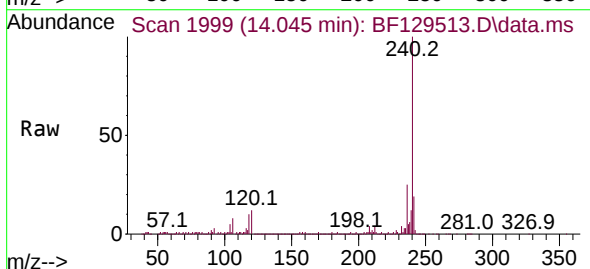
Manual Integrations
APPROVED

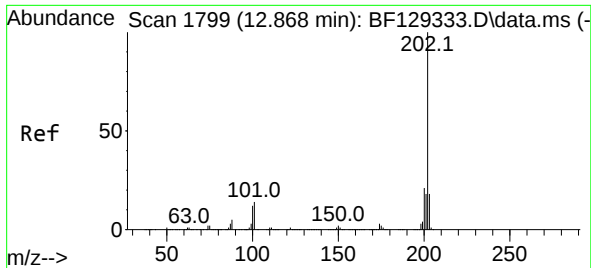
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

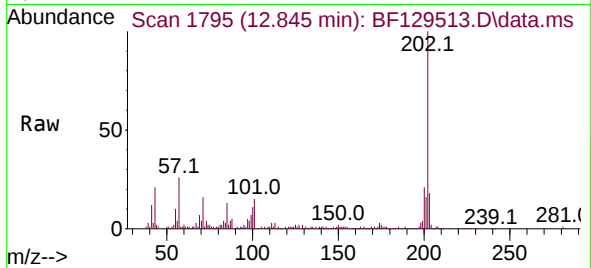
Tgt Ion:240 Resp: 285281
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.1 20.8 31.2





#78
Pyrene
Concen: 2.430 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

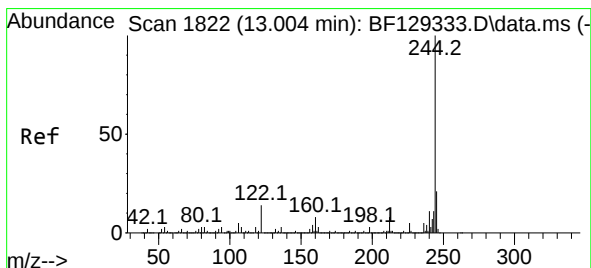
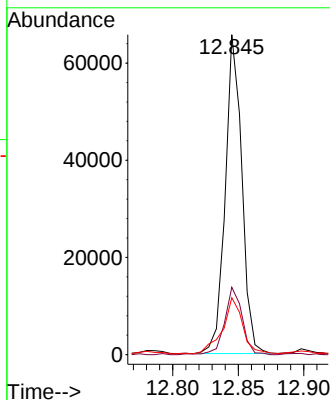
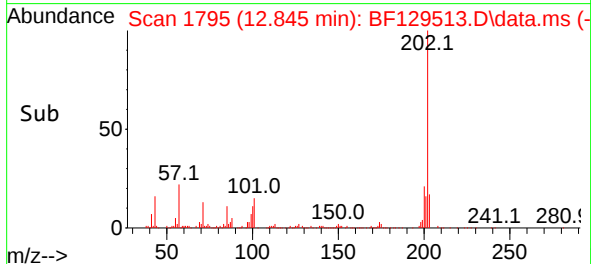
Instrument :
BNA_F
ClientSampleId :
RVE-60



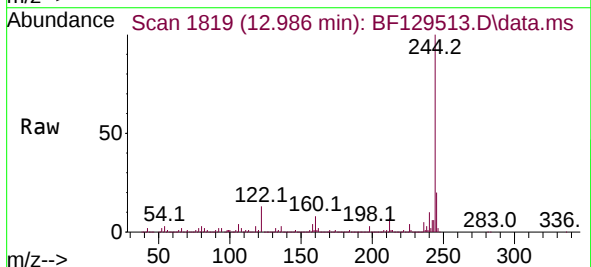
Tgt Ion:202 Resp: 5797
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.8 14.6 21.8

Manual Integrations
APPROVED

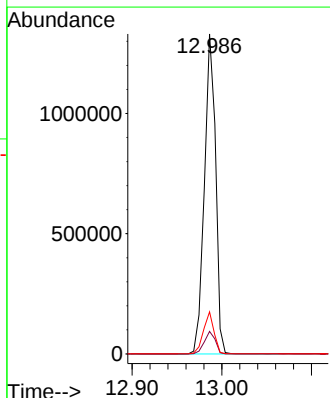
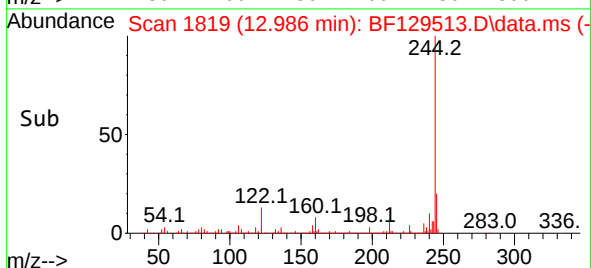
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

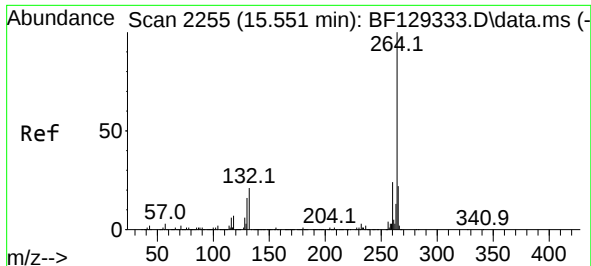


#79
Terphenyl-d14
Concen: 76.265 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19



Tgt Ion:244 Resp: 1153253
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.1 8.8 13.2





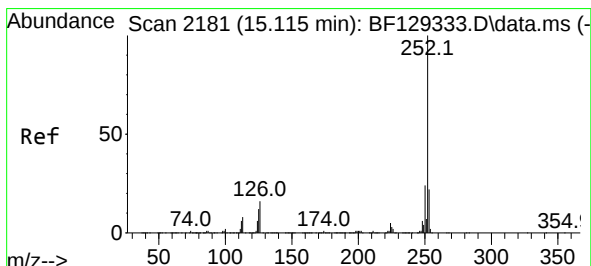
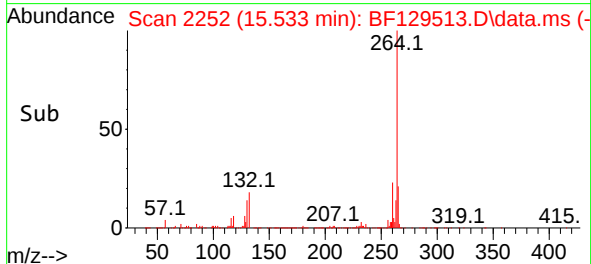
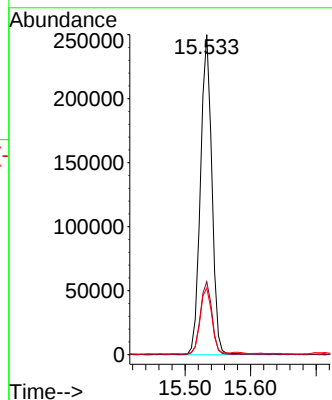
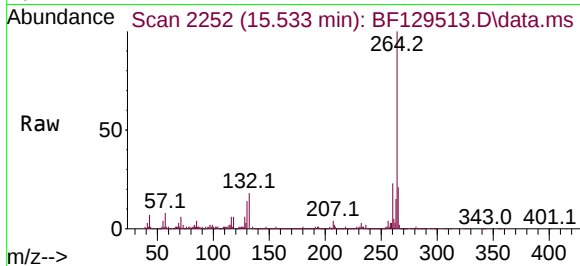
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion:264 Resp: 29954
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 20.8 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#88
Benzo(b)fluoranthene
Concen: 2.382 ng m
RT: 15.092 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:252 Resp: 47321
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 15.5 8.0 12.0#

