

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129705.D
 Acq On : 10 Aug 2022 20:25
 Operator : CG\JU
 Sample : N4126-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/11/2022
 Supervised By : Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 21:37:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	169922	20.000	ng	-0.02
21) Naphthalene-d8	8.116	136	612510	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	263727	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	377365	20.000	ng	-0.02
76) Chrysene-d12	14.016	240	300976	20.000	ng	-0.01
86) Perylene-d12	15.492	264	219662	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	342211	32.807	ng	-0.01
7) Phenol-d6	6.487	99	415219	31.669	ng	-0.02
23) Nitrobenzene-d5	7.398	82	247476	22.056	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	67711	26.705	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	436664	25.613	ng	-0.02
79) Terphenyl-d14	12.945	244	358526	22.473	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	72419	3.516	ng	98
75) Fluoranthene	12.580	202	153194	7.340	ng	100
78) Pyrene	12.810	202	151680	6.027	ng	97
81) Benzo(a)anthracene	14.004	228	64915	3.157	ng	# 89
83) Chrysene	14.039	228	69336	3.578	ng	# 90
88) Benzo(b)fluoranthene	15.063	252	67896m	4.660	ng	
90) Benzo(a)pyrene	15.427	252	47770	4.039	ng	# 76
92) Benzo(g,h,i)perylene	17.427	276	30024	2.440	ng	# 90

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

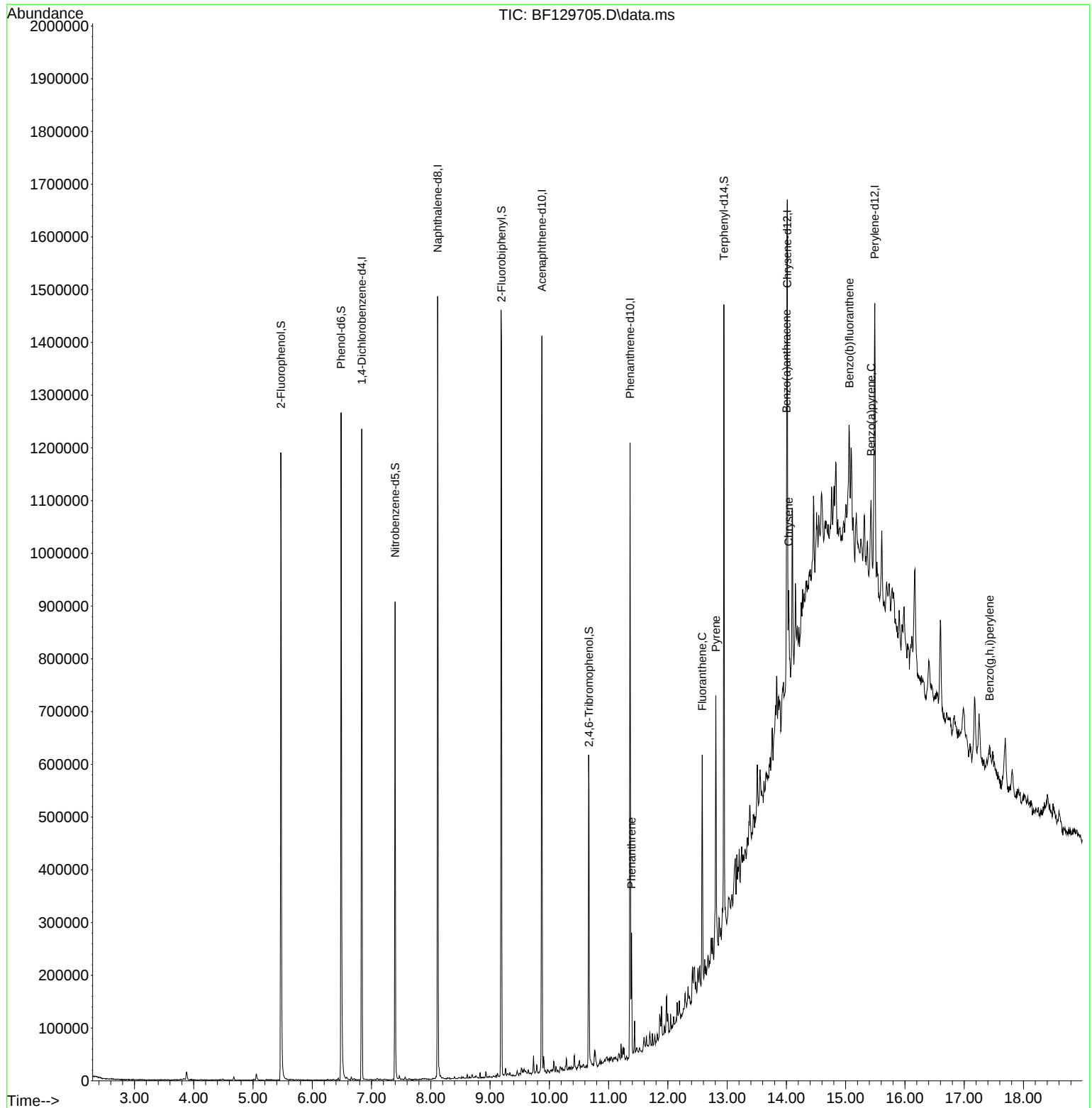
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129705.D
Acq On : 10 Aug 2022 20:25
Operator : CG\JU
Sample : N4126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-080922

Quant Time: Aug 10 21:37:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

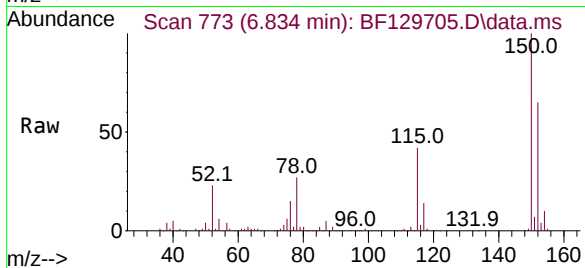
Reviewed By : Christian Giraldo 08/11/2022
Supervised By : Jagrut Upadhyay 08/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

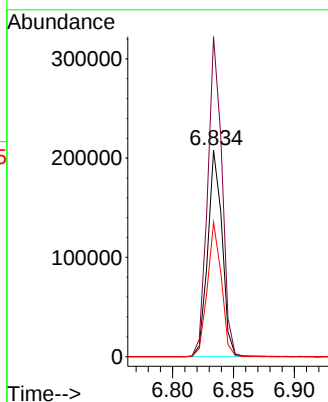
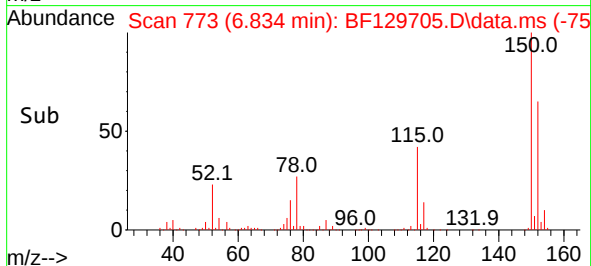
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



Tgt Ion:152 Resp: 169922
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 65.0 49.9 74.9

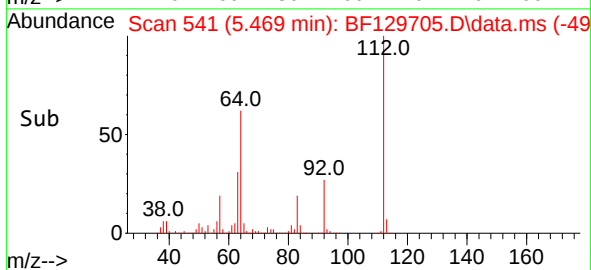
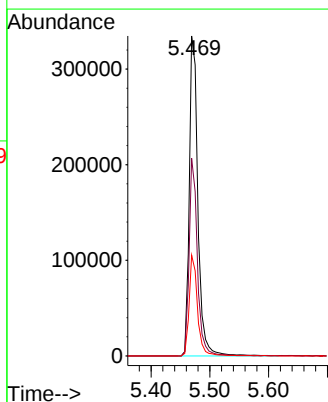
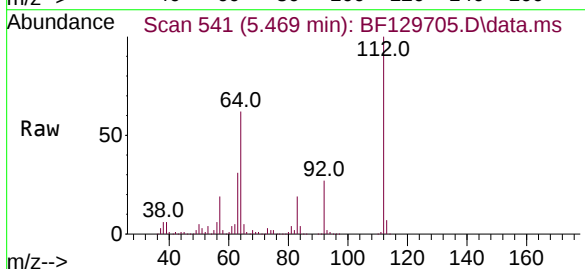
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#5
2-Fluorophenol
Concen: 32.807 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.012 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

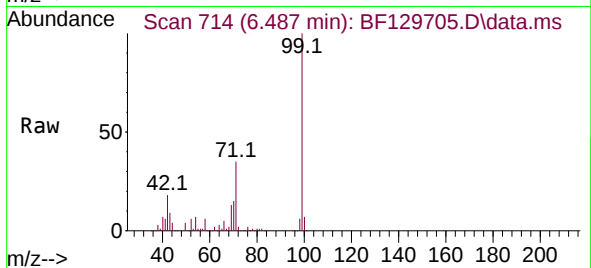
Tgt Ion:112 Resp: 342211
Ion Ratio Lower Upper
112 100
64 61.8 53.3 79.9
63 31.5 28.0 42.0





#7
Phenol-d6
Concen: 31.669 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

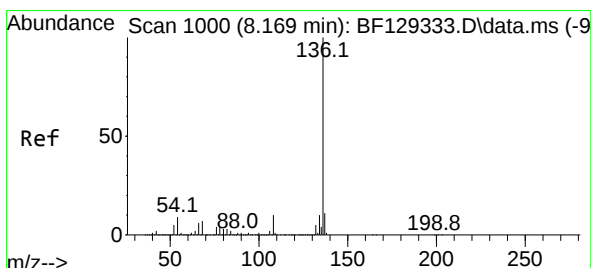
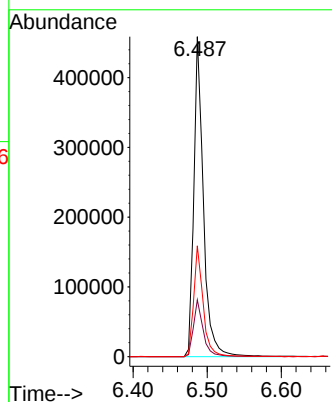
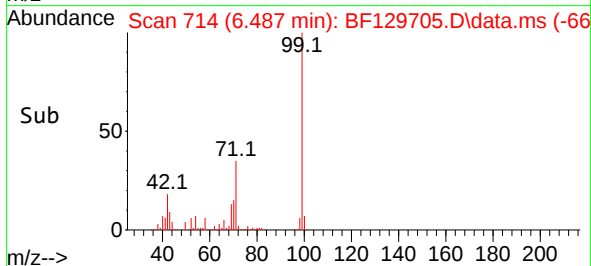
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



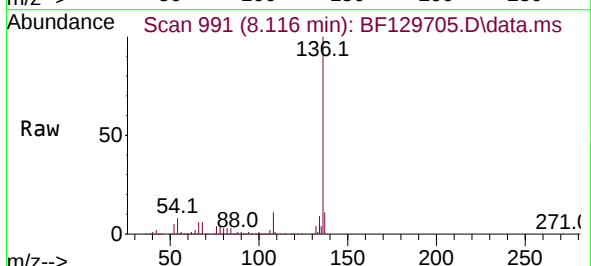
Tgt Ion: 99 Resp: 415219
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 34.6 28.9 43.3

Manual Integrations
APPROVED

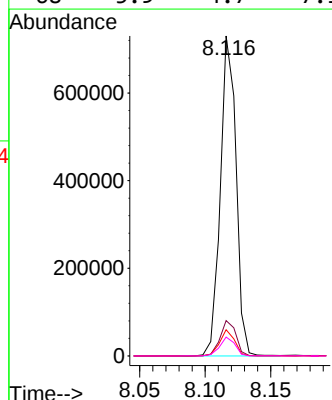
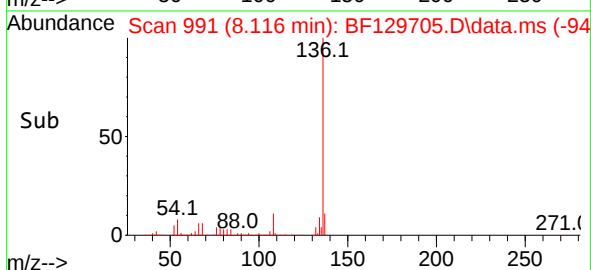
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25



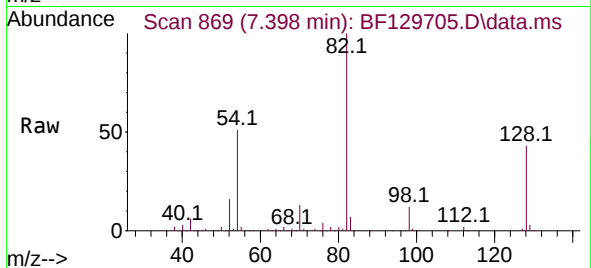
Tgt Ion:136 Resp: 612510
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 22.056 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

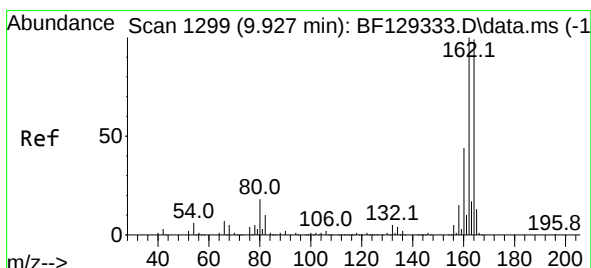
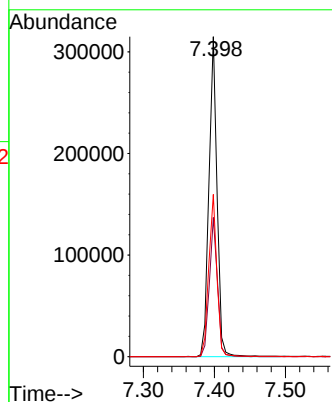
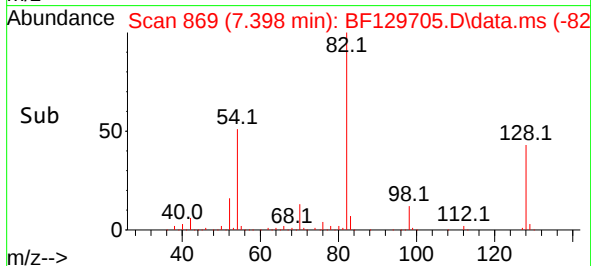
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



Tgt Ion: 82 Resp: 247476
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 50.7 46.9 70.3

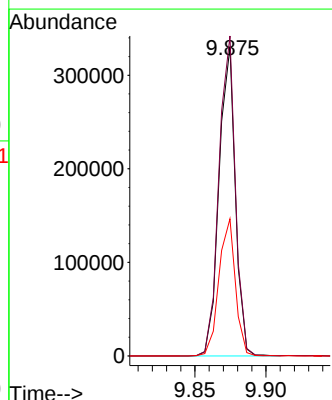
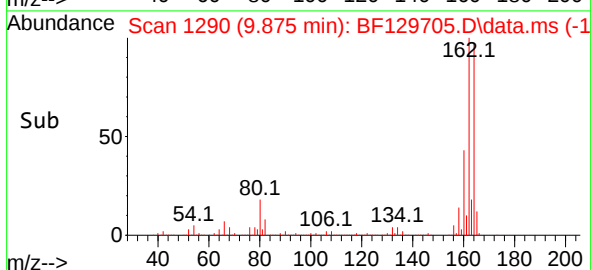
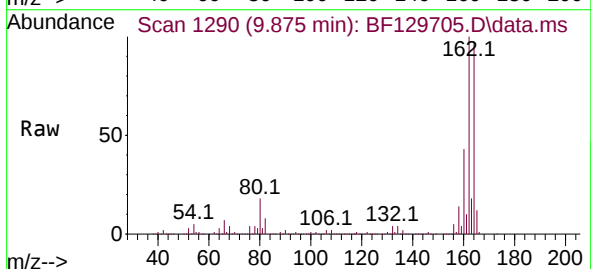
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

Tgt Ion:164 Resp: 263727
Ion Ratio Lower Upper
164 100
162 103.6 79.5 119.3
160 44.3 34.2 51.4





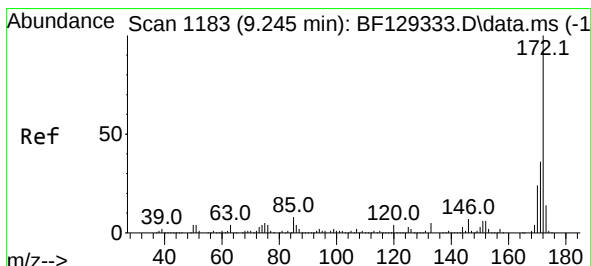
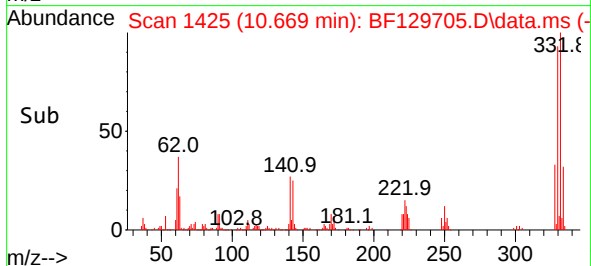
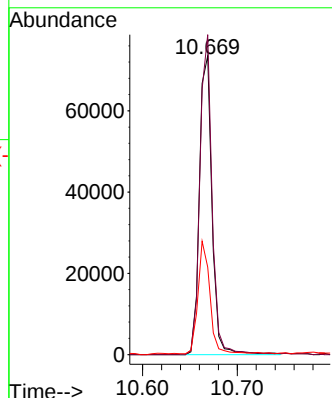
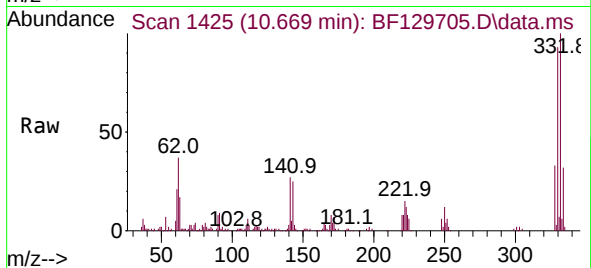
#42
2,4,6-Tribromophenol
Concen: 26.705 ng
RT: 10.669 min Scan# 1434
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

Instrument :
BNA_F
ClientSampleId :
OR-03-080922

Tgt Ion: 330 Resp: 67711
Ion Ratio Lower Upper
330 100
332 104.1 76.8 115.2
141 35.4 28.0 42.0

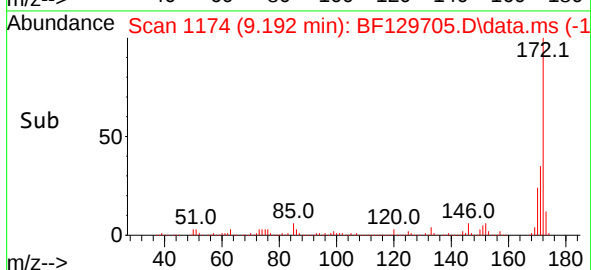
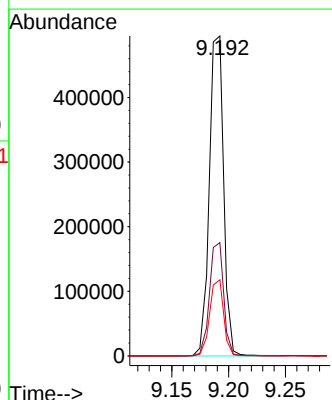
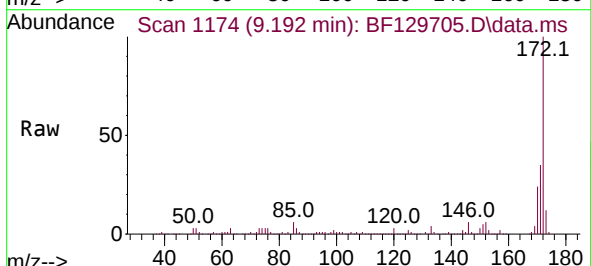
Manual Integrations
APPROVED

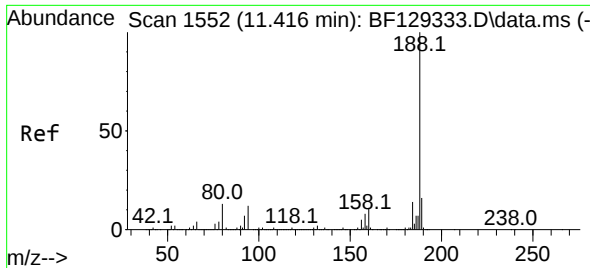
Reviewed By : Christian Giraldo 08/11/2022
Supervised By : Jagrut Upadhyay 08/11/2022



#45
2-Fluorobiphenyl
Concen: 25.613 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

Tgt Ion: 172 Resp: 436664
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.8 19.8 29.8





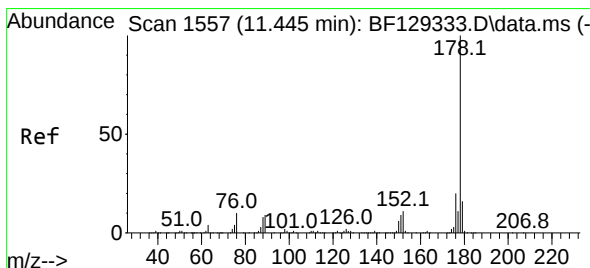
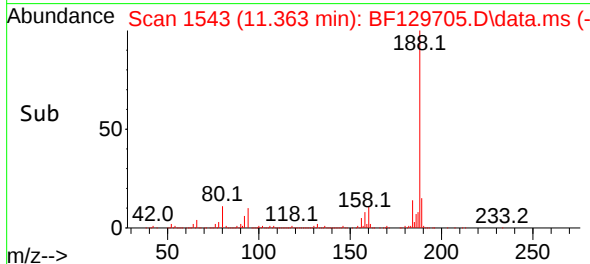
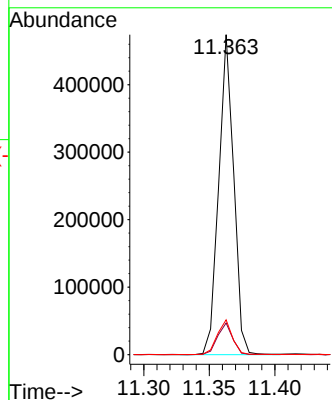
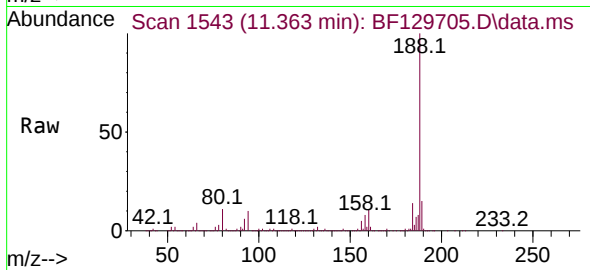
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

Instrument :
BNA_F
ClientSampleId :
OR-03-080922

Tgt Ion:188 Resp: 377365
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.9 7.6 11.4

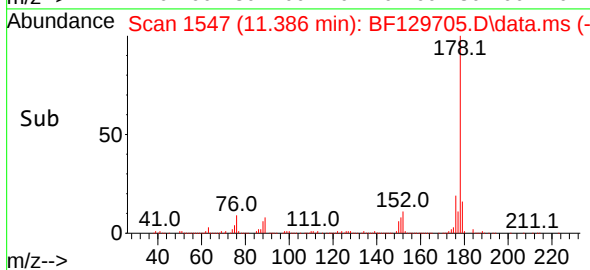
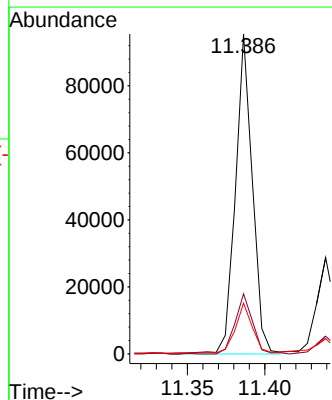
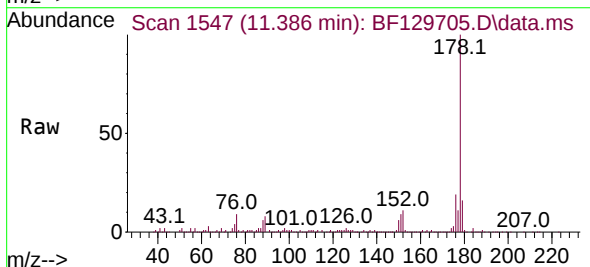
Manual Integrations
APPROVED

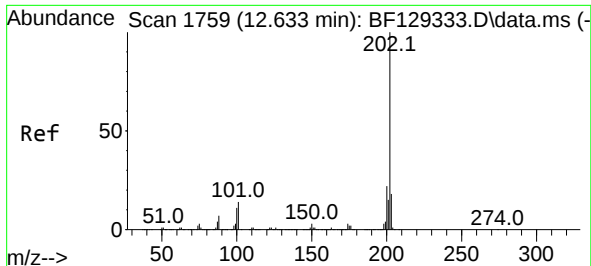
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#71
Phenanthrene
Concen: 3.516 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.024 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

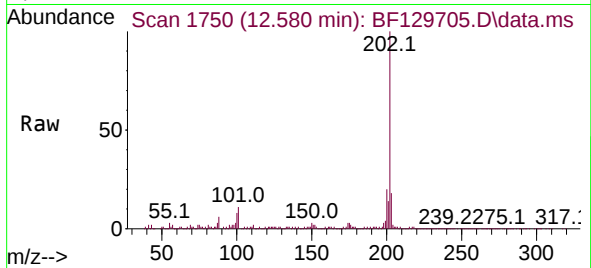
Tgt Ion:178 Resp: 72419
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.9 12.6 19.0





#75
Fluoranthene
Concen: 7.340 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

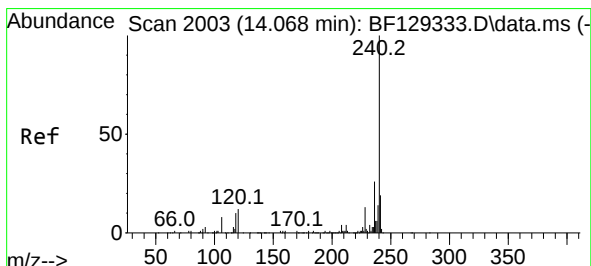
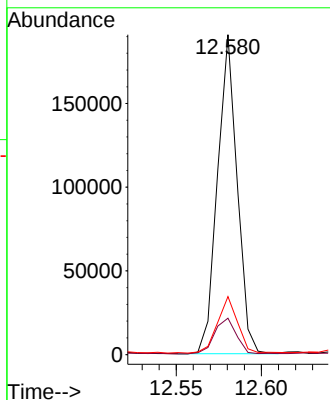
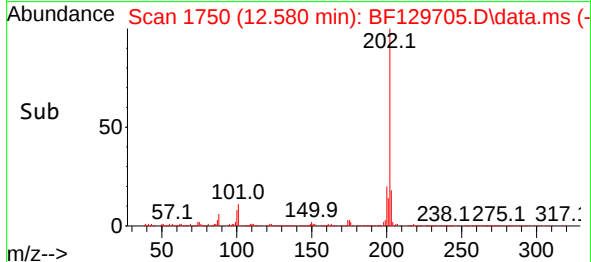
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



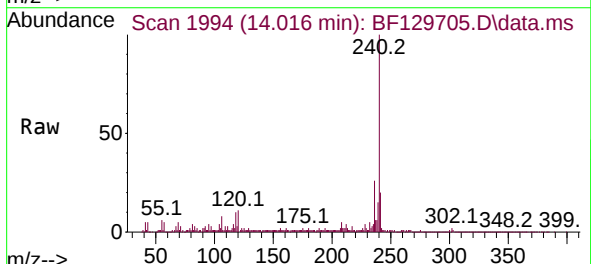
Tgt Ion:202 Resp: 153194
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.1 0.0 38.0

Manual Integrations
APPROVED

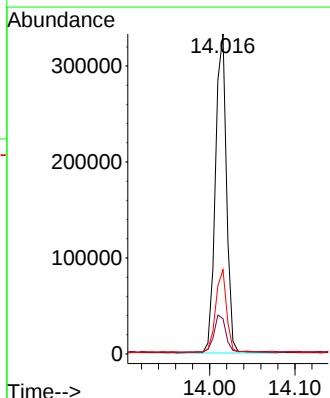
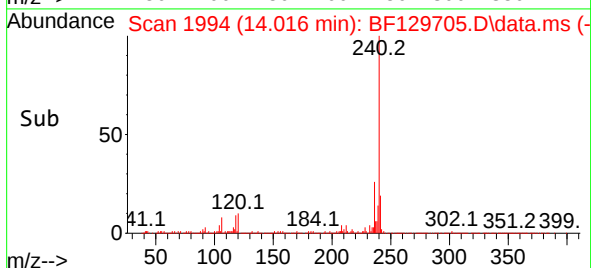
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

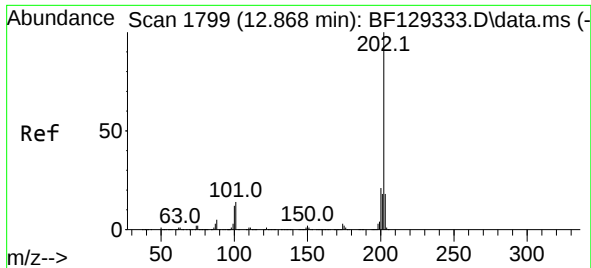


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25



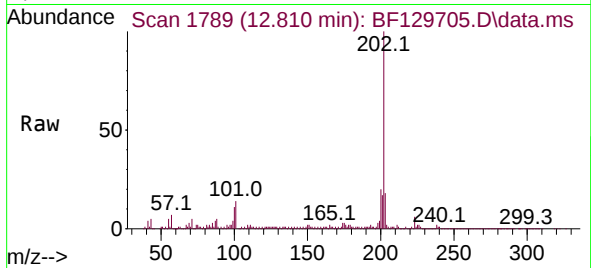
Tgt Ion:240 Resp: 300976
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 20.8 31.2





#78
Pyrene
Concen: 6.027 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

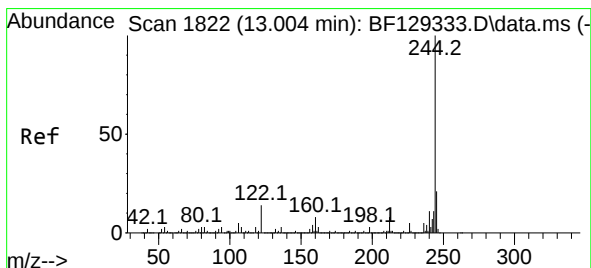
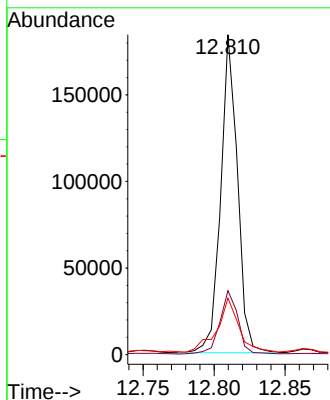
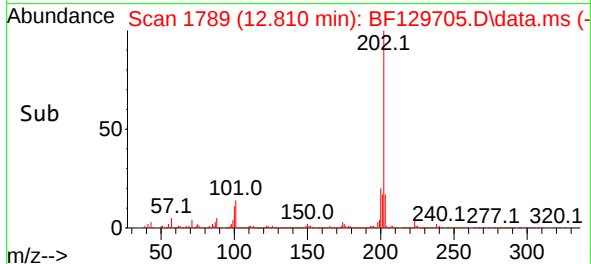
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



Tgt Ion:202 Resp: 151680
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 17.7 14.6 21.8

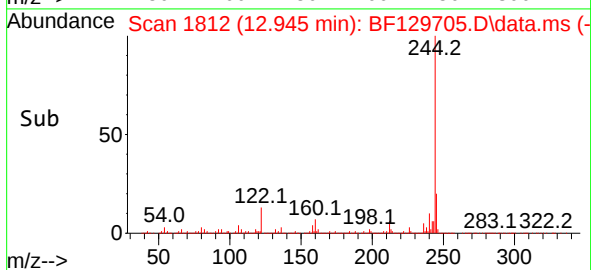
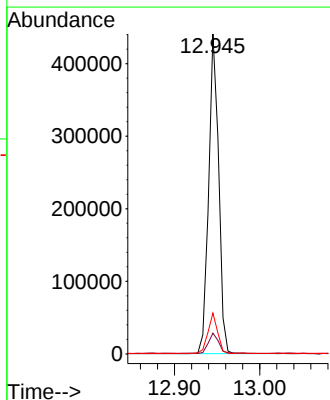
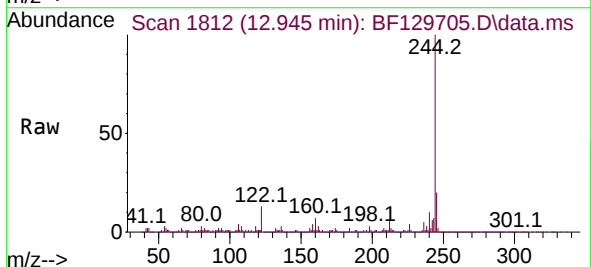
Manual Integrations
APPROVED

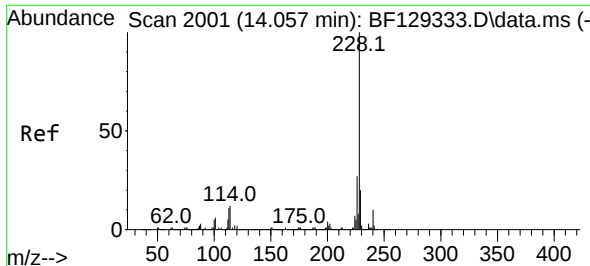
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#79
Terphenyl-d14
Concen: 22.473 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.024 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

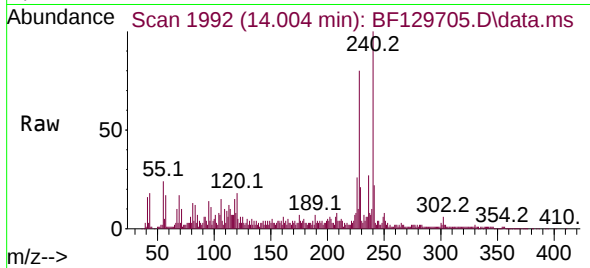
Tgt Ion:244 Resp: 358526
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 12.7 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.157 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

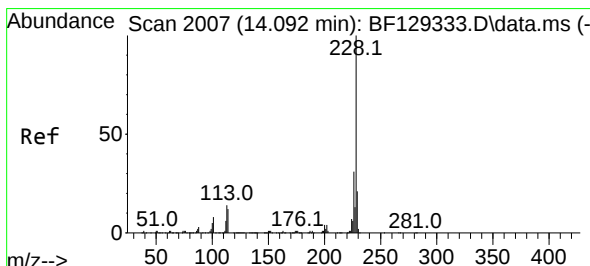
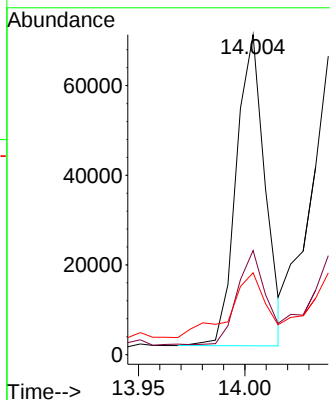
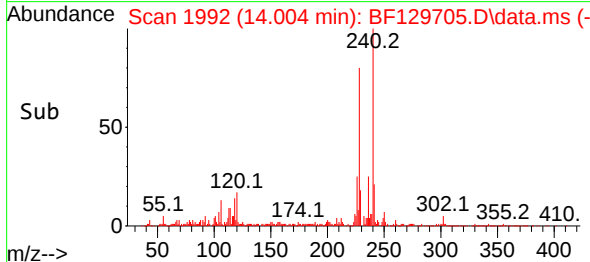
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



Tgt Ion:228 Resp: 64915
Ion Ratio Lower Upper
228 100
226 32.5 22.1 33.1
229 25.6 15.8 23.8

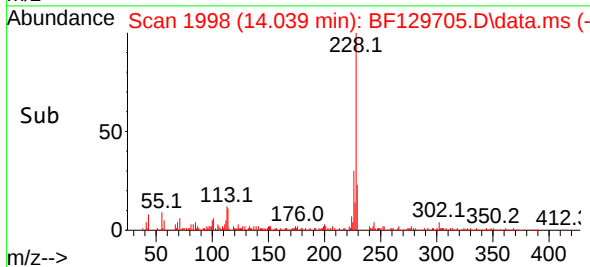
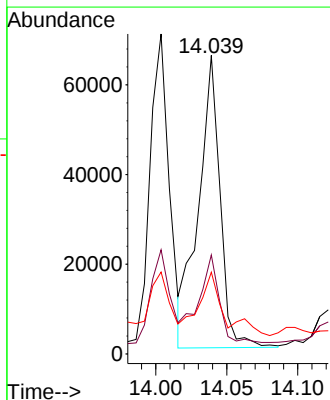
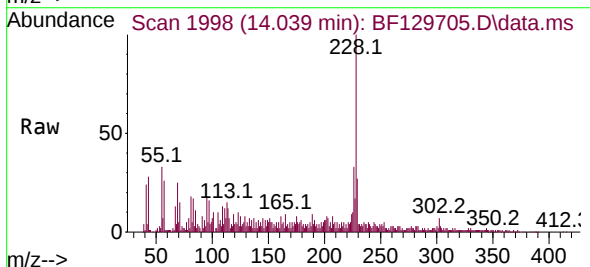
Manual Integrations
APPROVED

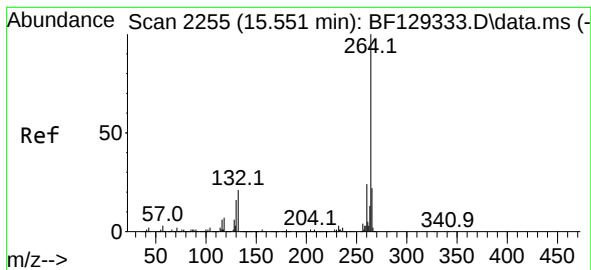
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#83
Chrysene
Concen: 3.578 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

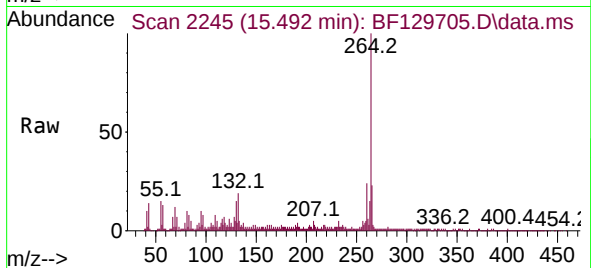
Tgt Ion:228 Resp: 69336
Ion Ratio Lower Upper
228 100
226 33.2 24.3 36.5
229 27.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25

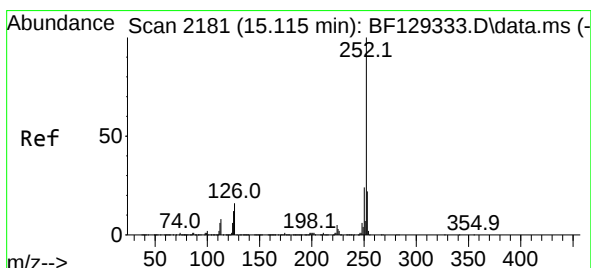
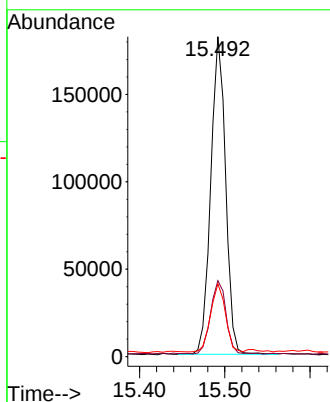
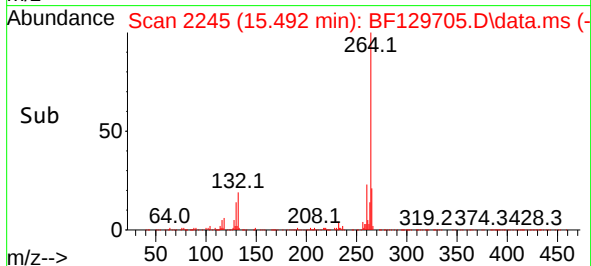
Instrument :
BNA_F
ClientSampleId :
OR-03-080922



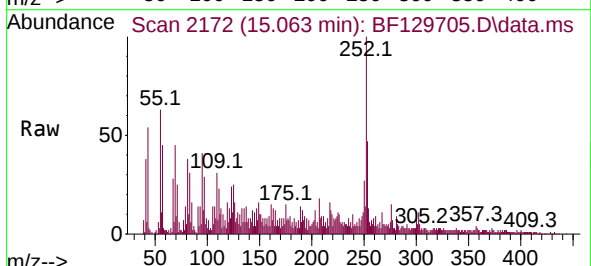
Tgt Ion:264 Resp: 219662
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.7 17.2 25.8

Manual Integrations
APPROVED

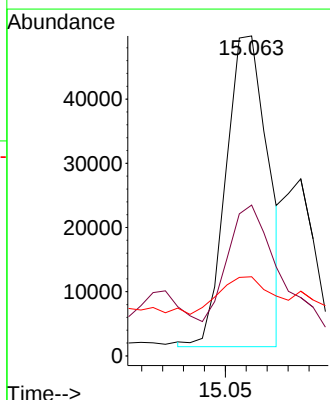
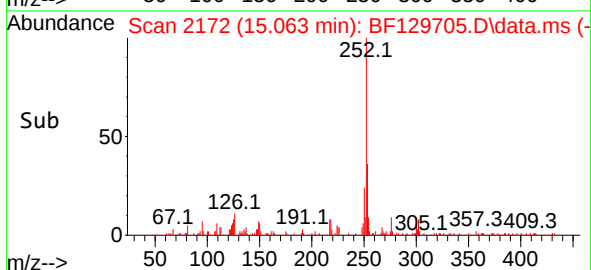
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

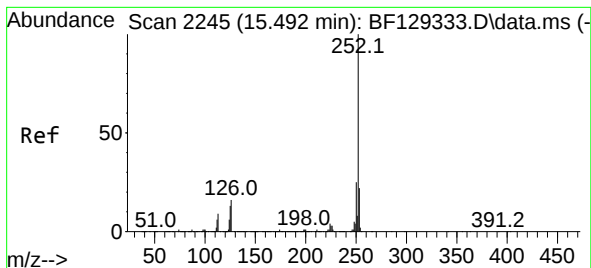


#88
Benzo(b)fluoranthene
Concen: 4.660 ng m
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129705.D
Acq: 10 Aug 2022 20:25



Tgt Ion:252 Resp: 67896
Ion Ratio Lower Upper
252 100
253 47.1 17.7 26.5#
125 24.7 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 4.039 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129705.D

Acq: 10 Aug 2022 20:25

Instrument :

BNA_F

ClientSampleId :

OR-03-080922

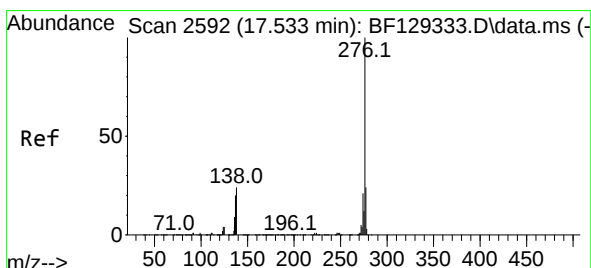
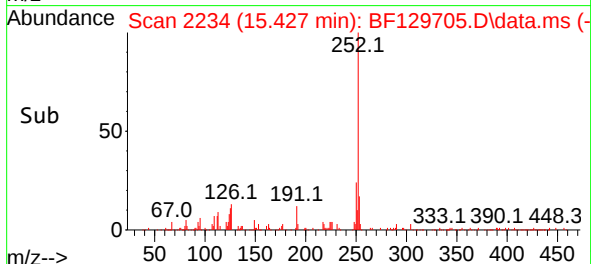
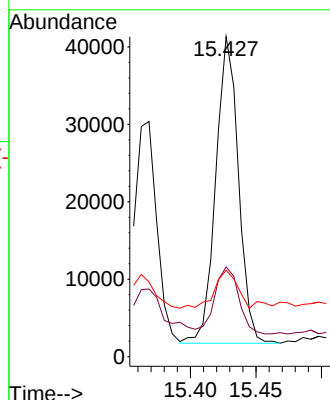
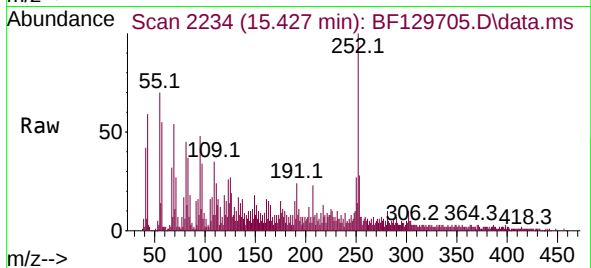
Tgt Ion:	252	Resp:	47770
Ion Ratio	Lower	Upper	
252	100		
253	28.0	17.0	25.6
125	27.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/11/2022

Supervised By :Jagrut Upadhyay 08/11/2022



#92

Benzo(g,h,i)perylene

Concen: 2.440 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.024 min

Lab File: BF129705.D

Acq: 10 Aug 2022 20:25

Tgt Ion:	276	Resp:	30024
Ion Ratio	Lower	Upper	
276	100		
277	28.0	19.1	28.7
138	28.3	18.0	27.0

