

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128011.D
 Acq On : 29 Apr 2022 22:58
 Operator : CG\JU
 Sample : N2605-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:59:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118533	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	400874	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	195735	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	329856	20.000	ng	0.00
76) Chrysene-d12	14.110	240	218462	20.000	ng	0.00
86) Perylene-d12	15.627	264	155010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	309066	41.531	ng	0.00
7) Phenol-d6	6.545	99	387083	40.086	ng	-0.02
23) Nitrobenzene-d5	7.487	82	258821	30.361	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	78067	39.620	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	413996	35.782	ng	0.00
79) Terphenyl-d14	13.045	244	394921	33.056	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.680	202	75350	4.146	ng	98
78) Pyrene	12.910	202	61746	3.501	ng	100
88) Benzo(b)fluoranthene	15.174	252	19665m	2.020	ng	

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

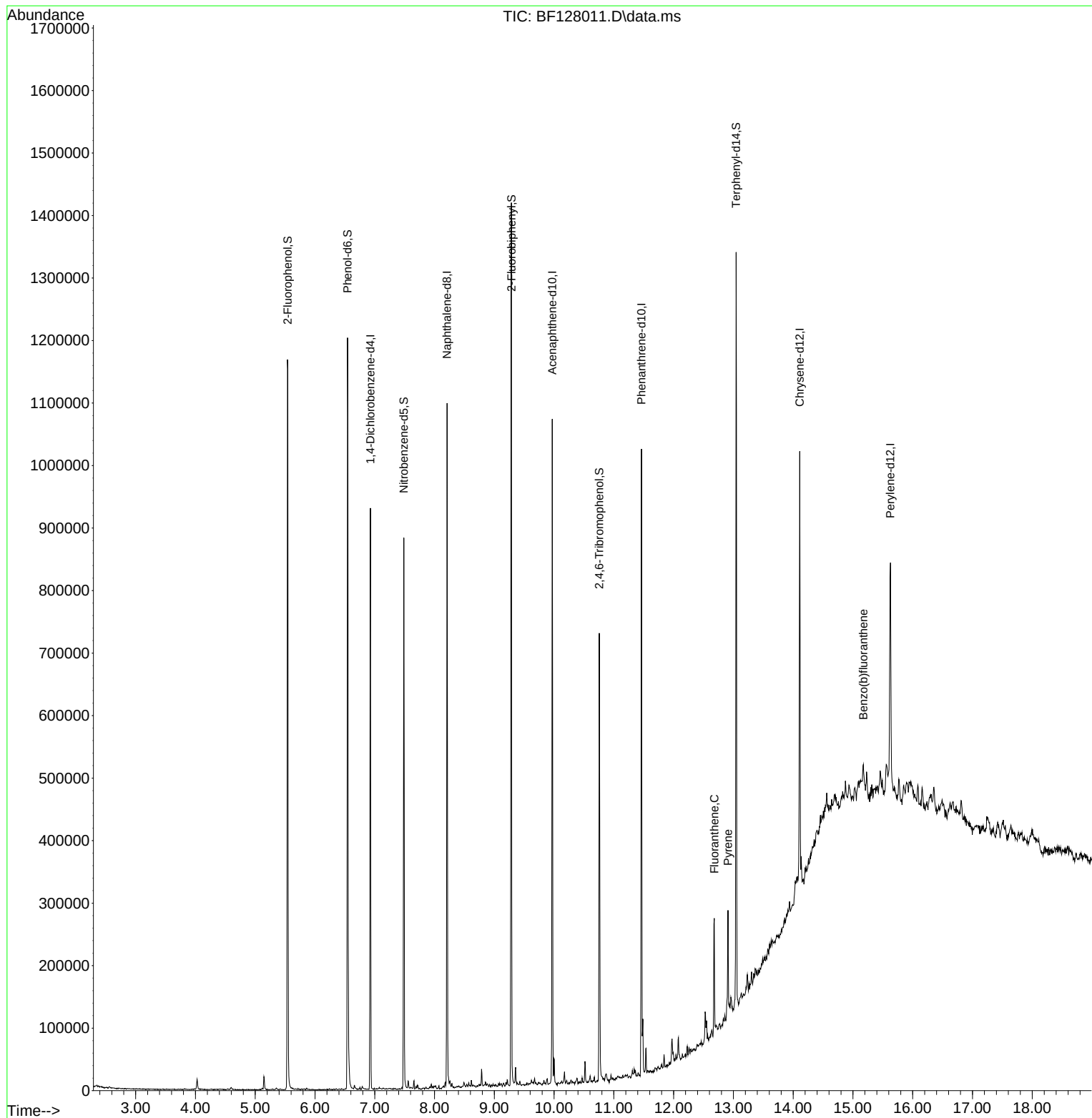
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128011.D
Acq On : 29 Apr 2022 22:58
Operator : CG\JU
Sample : N2605-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

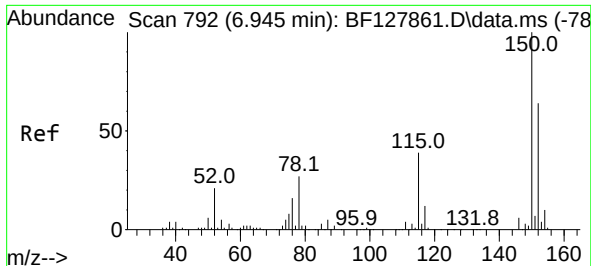
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

Quant Time: May 02 00:59:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
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Manual Integrations
APPROVED

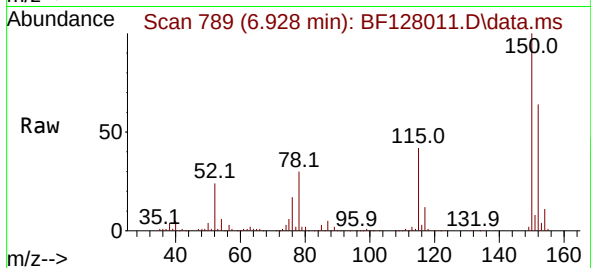
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

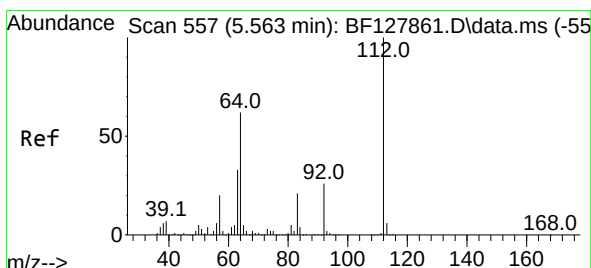
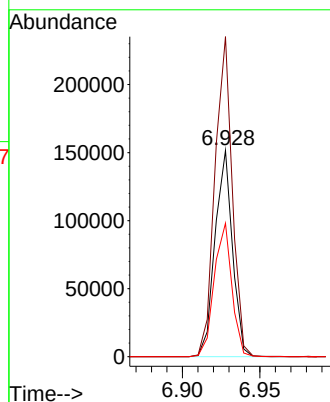
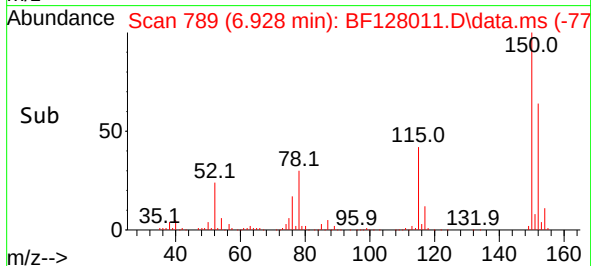
Instrument :
BNA_F
ClientSampleId :
TR-06-042822



Tgt Ion:152 Resp: 11853
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 64.7 48.8 73.2

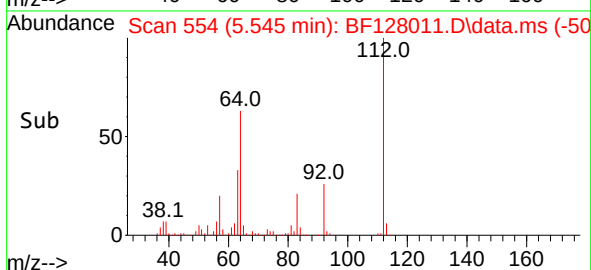
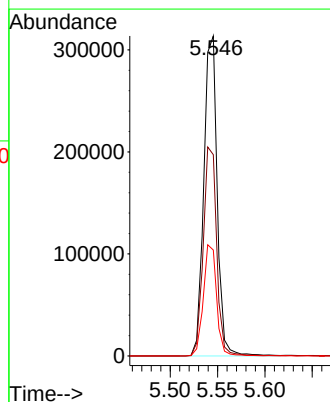
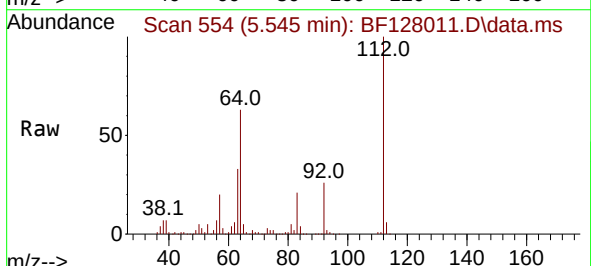
Manual Integrations
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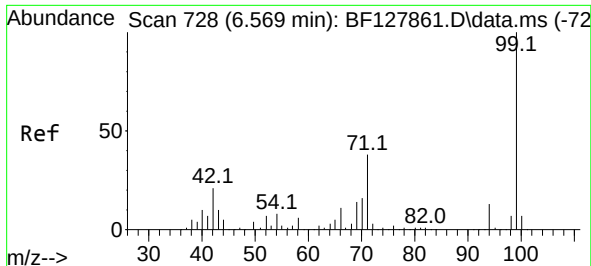
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#5
2-Fluorophenol
Concen: 41.531 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

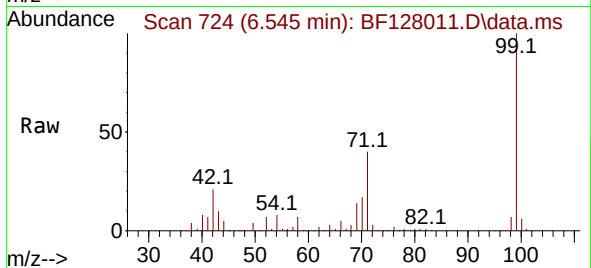
Tgt Ion:112 Resp: 309066
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 33.1 26.3 39.5





#7
Phenol-d6
Concen: 40.086 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

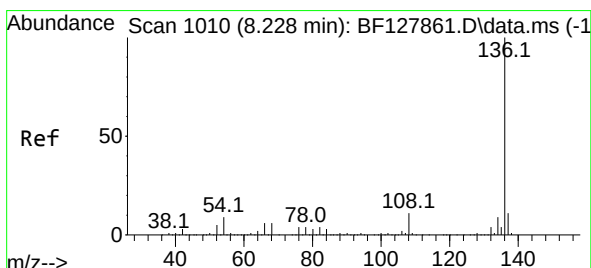
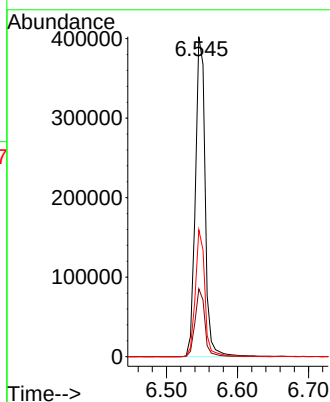
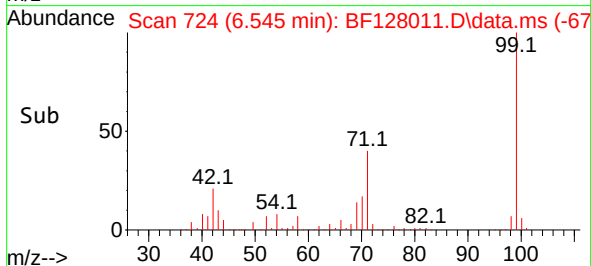
Instrument :
BNA_F
ClientSampleId :
TR-06-042822



Tgt Ion: 99 Resp: 387083
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.7 30.0 45.0

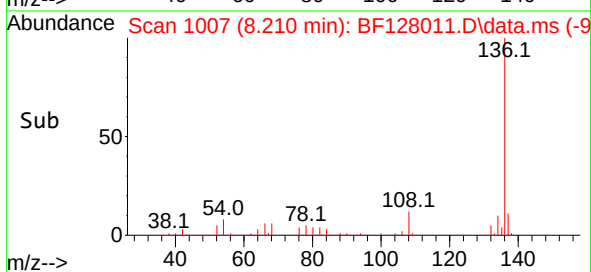
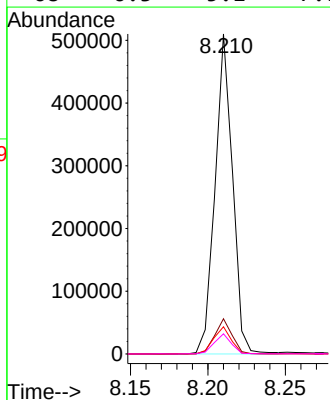
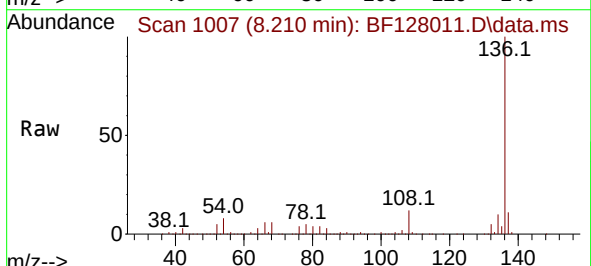
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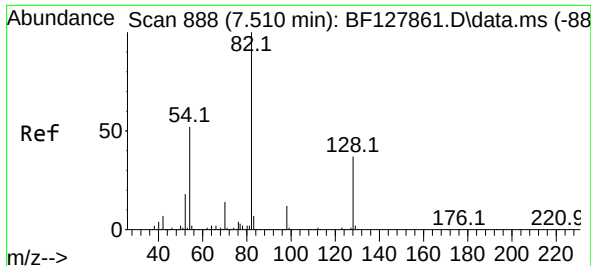
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:136 Resp: 400874
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.8 10.2
68 6.3 5.1 7.7





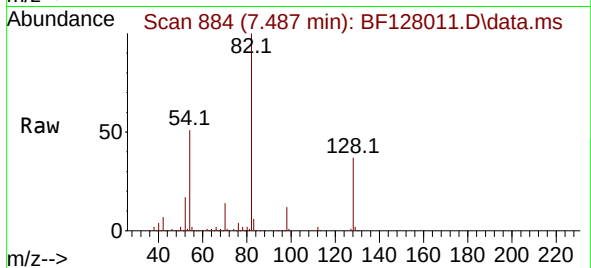
#23
Nitrobenzene-d5
Concen: 30.361 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

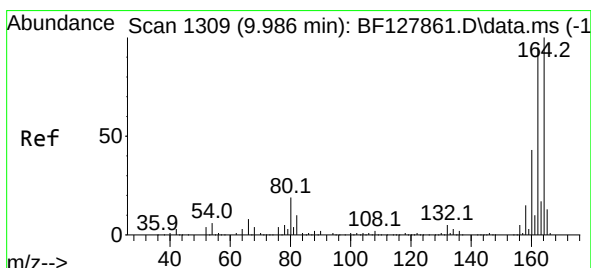
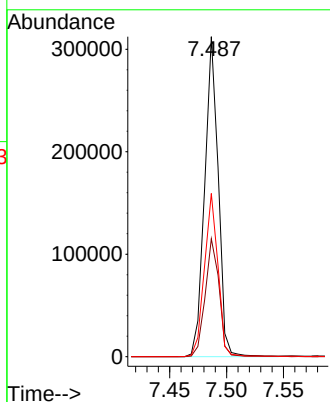
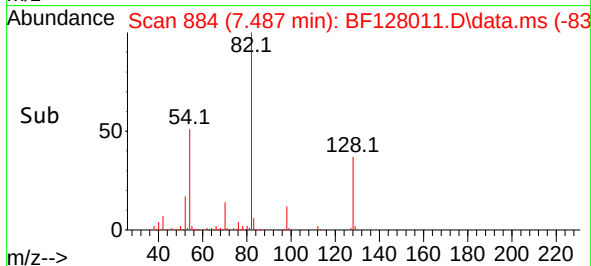
TR-06-042822



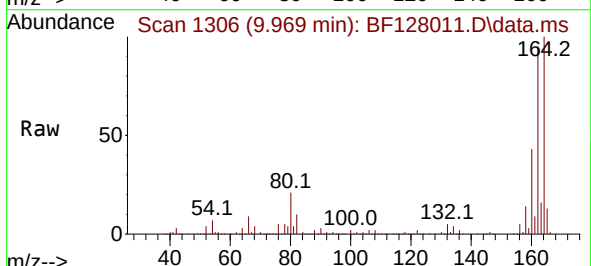
Tgt Ion: 82 Resp: 25882
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 51.0 41.3 61.9

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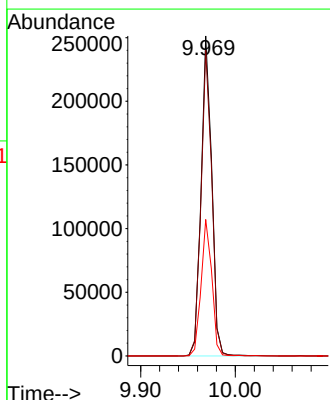
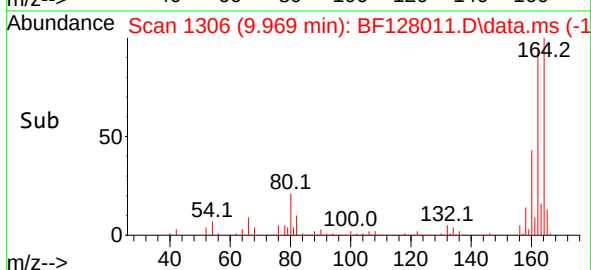
Reviewed By :Christian Giraldo 05/02/2022
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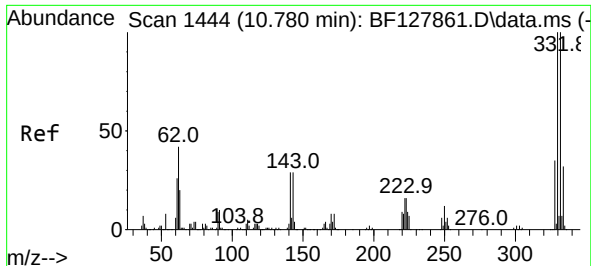


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58



Tgt Ion:164 Resp: 195735
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.7 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 39.620 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

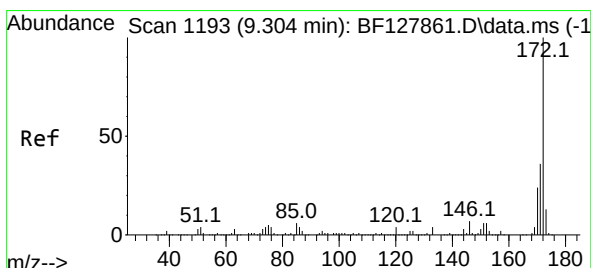
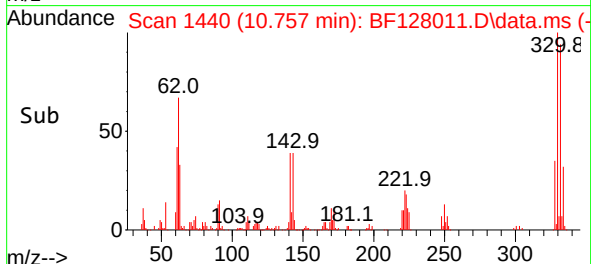
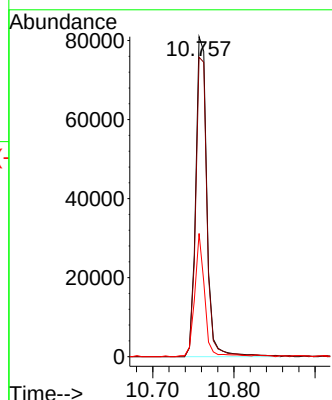
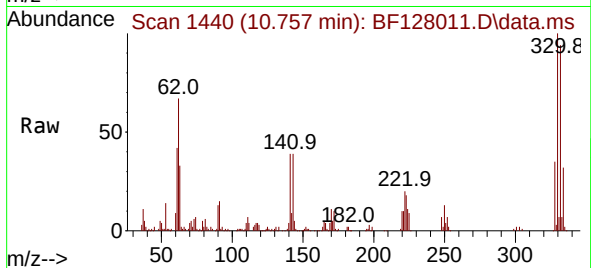
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Tgt Ion: 330 Resp: 7806
Ion Ratio Lower Upper
330 100
332 95.0 79.0 118.4
141 34.1 28.9 43.3

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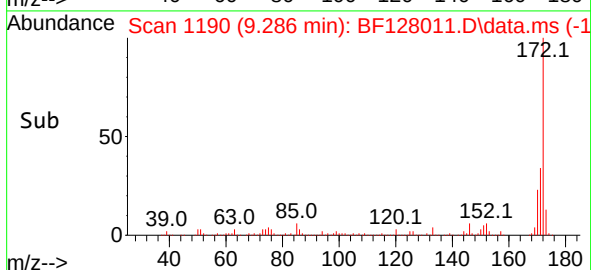
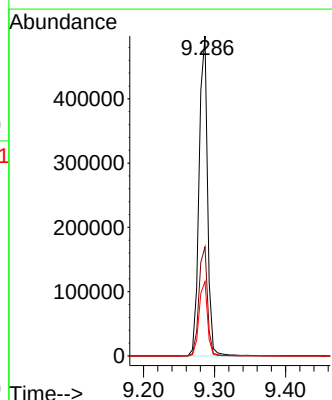
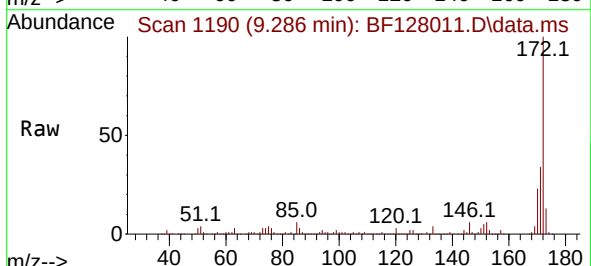
APPROVED

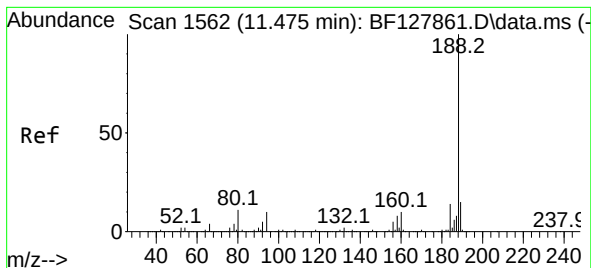
Reviewed By : Christian Giraldo 05/02/2022
Supervised By : Jagrut Upadhyay 05/02/2022



#45
2-Fluorobiphenyl
Concen: 35.782 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion: 172 Resp: 413996
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128011.D

Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

TR-06-042822

Tgt Ion:188 Resp: 329850

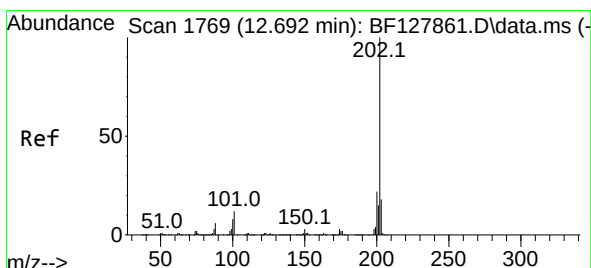
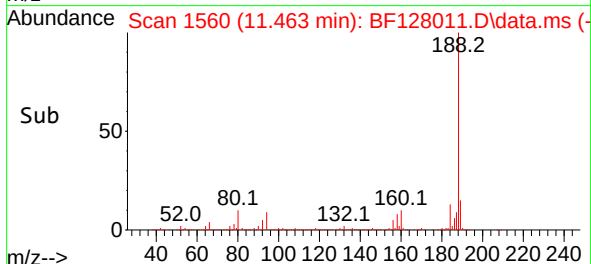
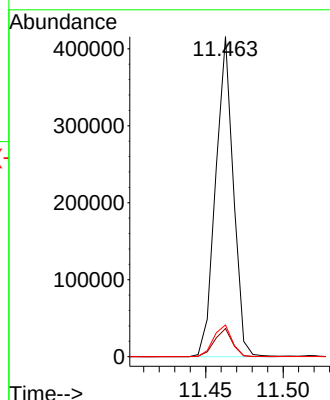
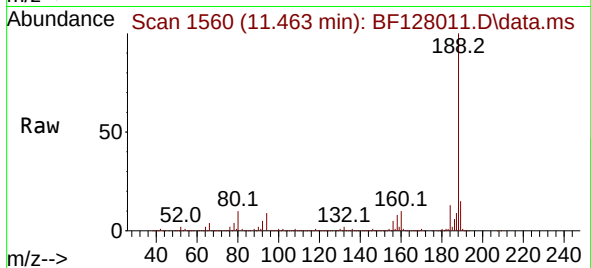
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	9.9	8.9	13.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#75

Fluoranthene

Concen: 4.146 ng

RT: 12.680 min Scan# 1767

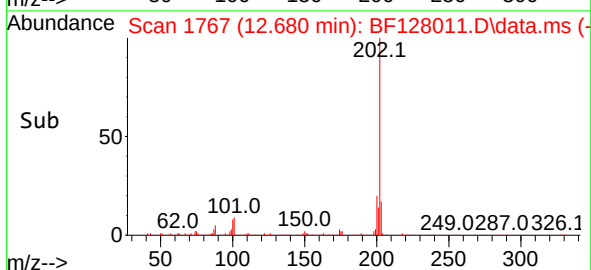
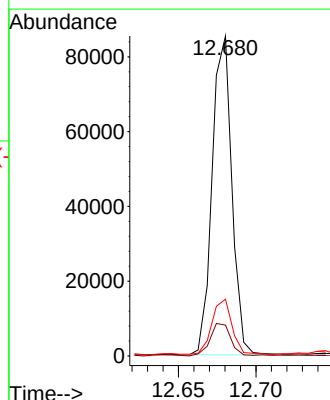
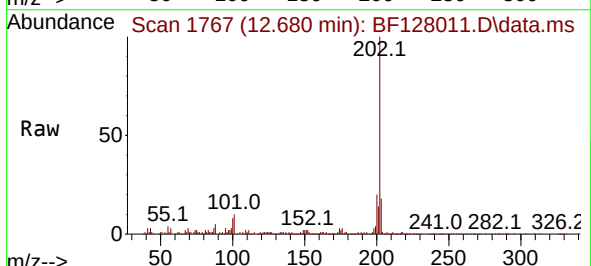
Delta R.T. -0.006 min

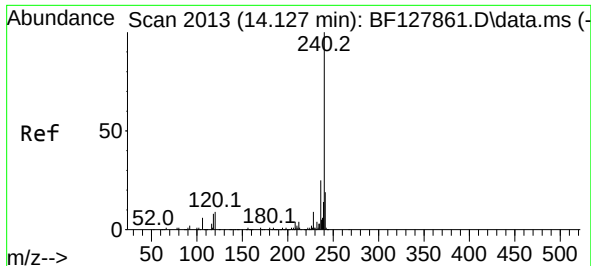
Lab File: BF128011.D

Acq: 29 Apr 2022 22:58

Tgt Ion:202 Resp: 75350

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.6
203	17.7	0.0	38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

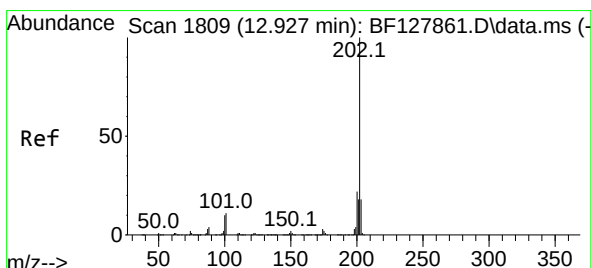
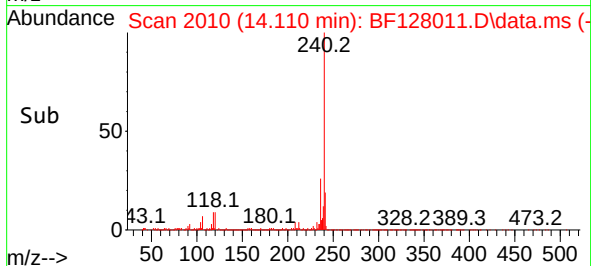
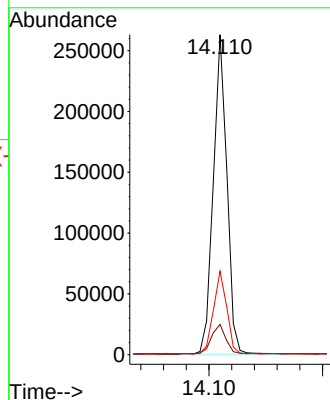
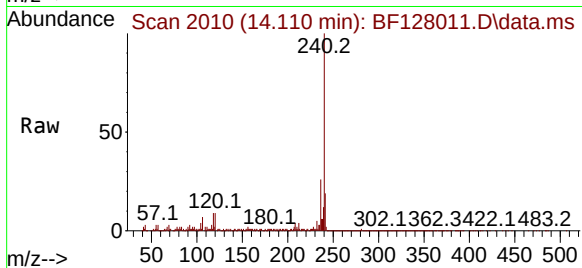
TR-06-042822

Tgt Ion:240 Resp: 21846
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.1 20.3 30.5

Manual Integrations

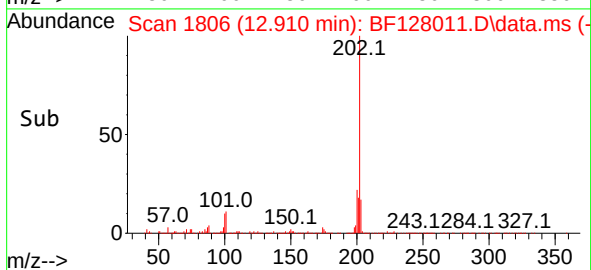
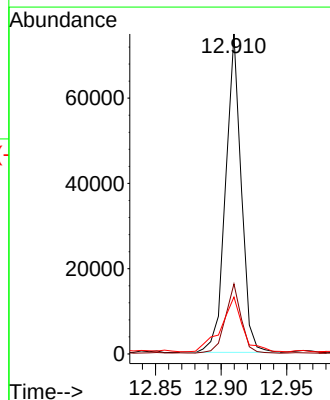
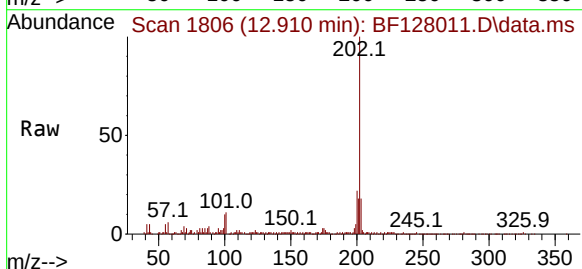
APPROVED

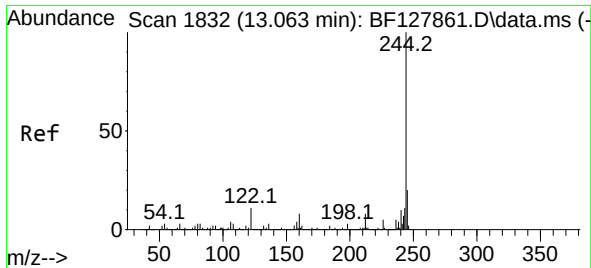
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#78
Pyrene
Concen: 3.501 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Tgt Ion:202 Resp: 61746
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.8 14.0 21.0





#79
Terphenyl-d14
Concen: 33.056 ng
RT: 13.045 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

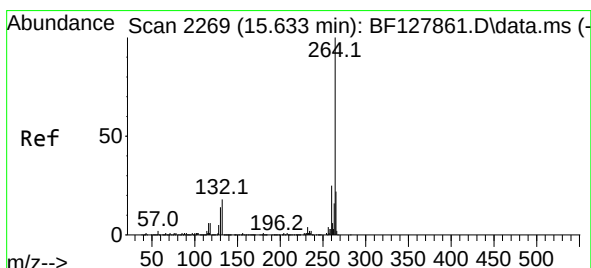
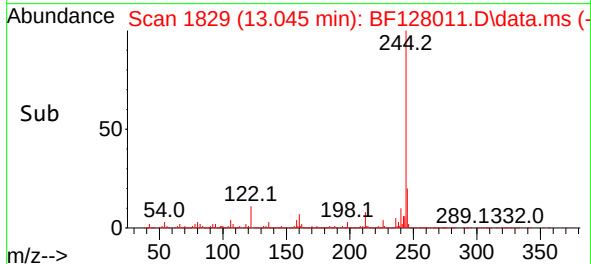
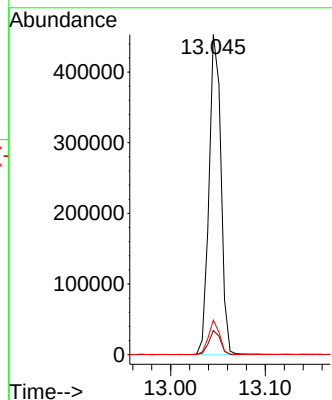
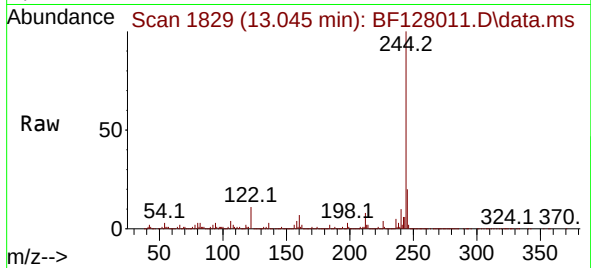
TR-06-042822

Tgt Ion:244 Resp: 39492
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.8 8.6 12.8

Manual Integrations

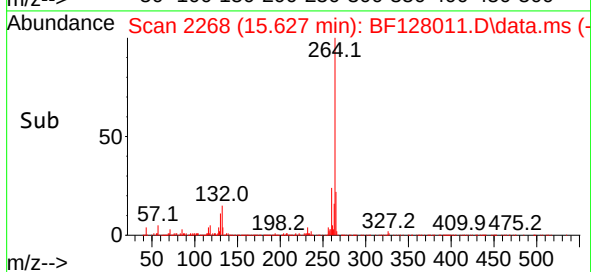
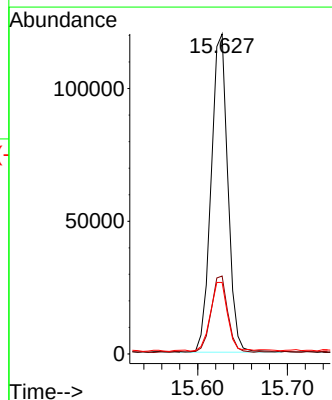
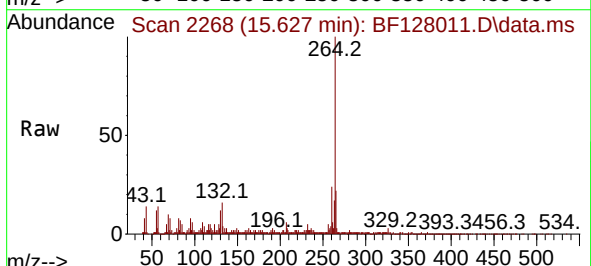
APPROVED

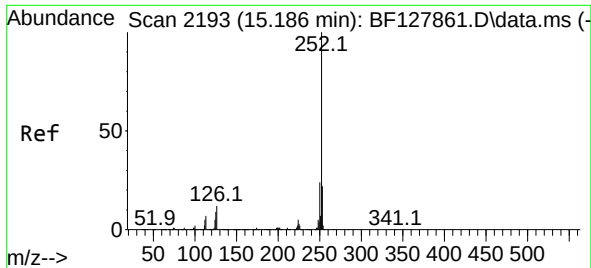
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF128011.D
Acq: 29 Apr 2022 22:58

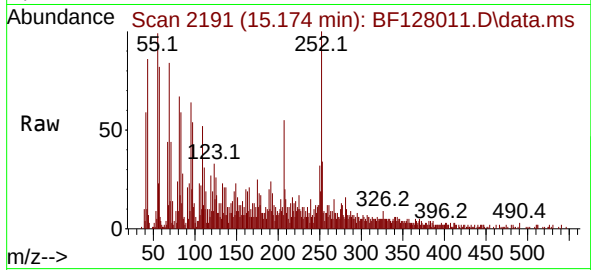
Tgt Ion:264 Resp: 155010
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 22.4 17.5 26.3





#88
 Benzo(b)fluoranthene
 Concen: 2.020 ng m
 RT: 15.174 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: BF128011.D
 Acq: 29 Apr 2022 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822



Tgt Ion:252 Resp: 1966
 Ion Ratio Lower Upper
 252 100
 253 33.9 17.4 26.2
 125 26.3 7.4 11.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022

