

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127637.D
 Acq On : 04 Apr 2022 17:39
 Operator : CG\JU
 Sample : N2249-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2022
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 21:51:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	92480	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	323147	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200324	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	368280	20.000	ng	0.00
76) Chrysene-d12	14.015	240	280766	20.000	ng	0.00
86) Perylene-d12	15.498	264	210382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	80714m	13.931	ng	0.04
7) Phenol-d6	6.492	99	299175	37.777	ng	0.01
23) Nitrobenzene-d5	7.410	82	642401	84.977	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	275291	129.005	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1048322	76.416	ng	0.00
79) Terphenyl-d14	12.951	244	1294452	75.474	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.263	107	50793	8.242	ng	# 59
27) 2,4-Dimethylphenol	7.798	122	235086	51.686	ng	# 94
31) Naphthalene	8.151	128	3487465	203.275	ng	97
32) Benzoic acid	7.922	122	67541	28.628	ng	# 34
37) 2-Methylnaphthalene	8.833	142	714620	64.779	ng	100
38) 1-Methylnaphthalene	8.928	142	410770	37.656	ng	98

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

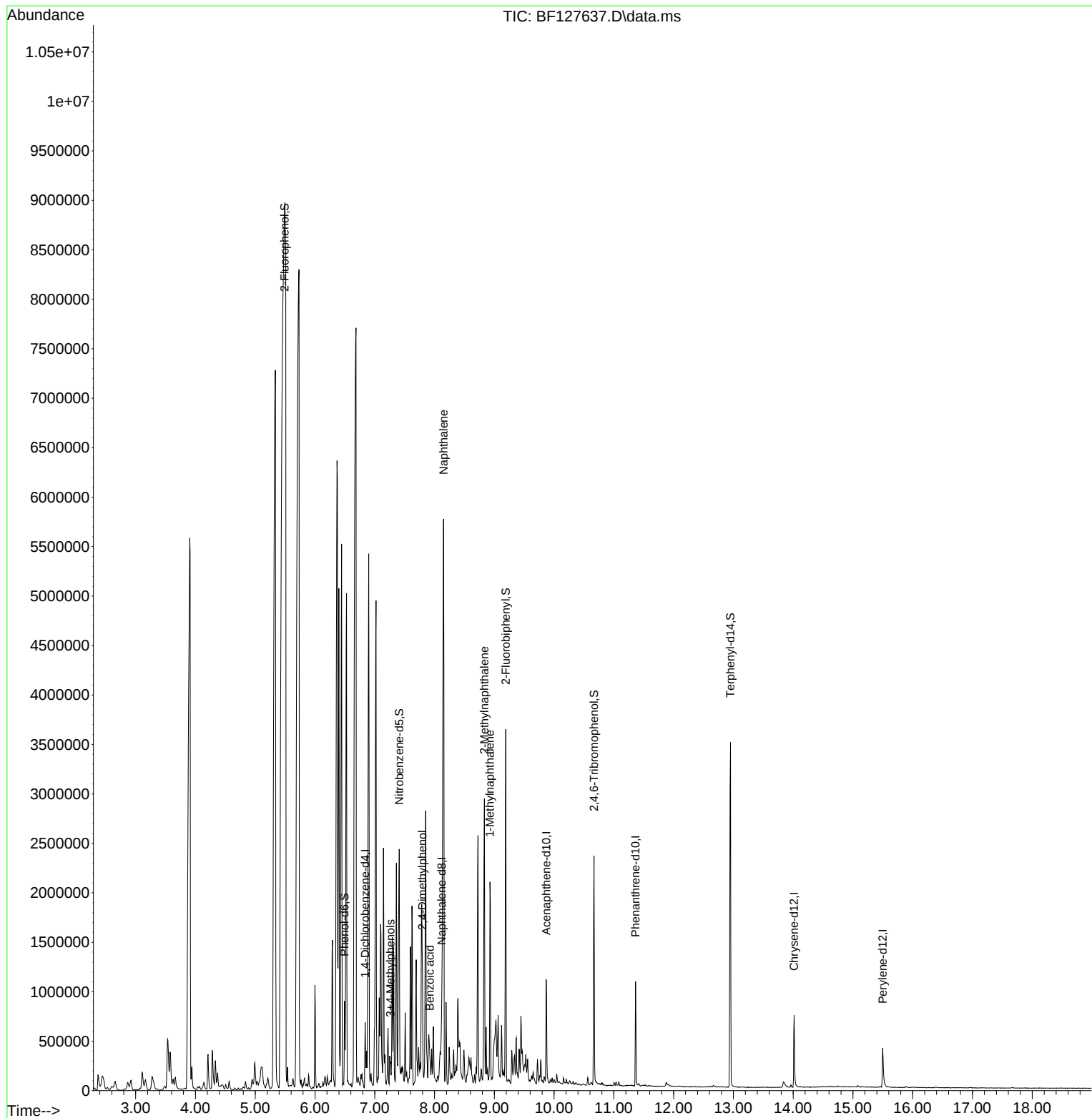
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
Data File : BF127637.D
Acq On : 04 Apr 2022 17:39
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ALS Vial : 9 Sample Multiplier: 1

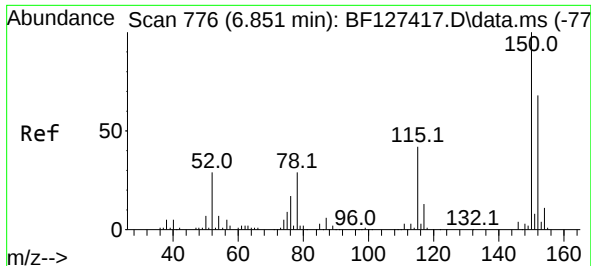
Instrument :
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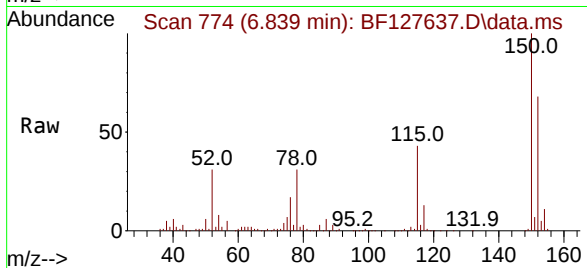
Quant Time: Apr 04 21:51:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

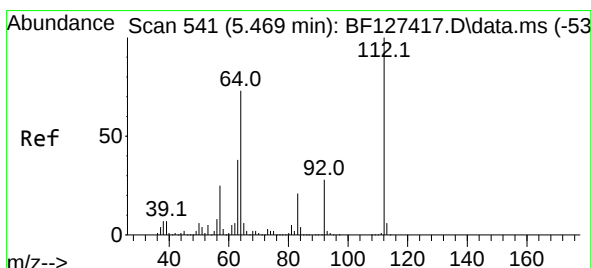
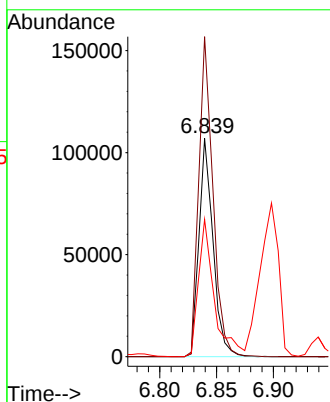
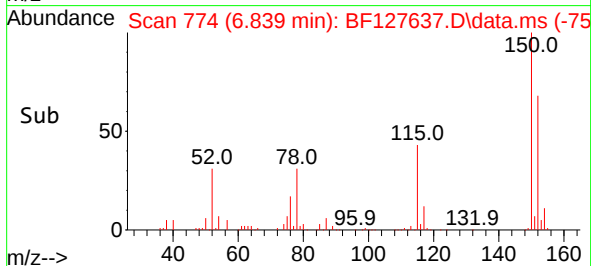
Instrument :
BNA_F
ClientSampleId :
MW-101R



Tgt Ion:152 Resp: 92480
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 62.9 49.8 74.6

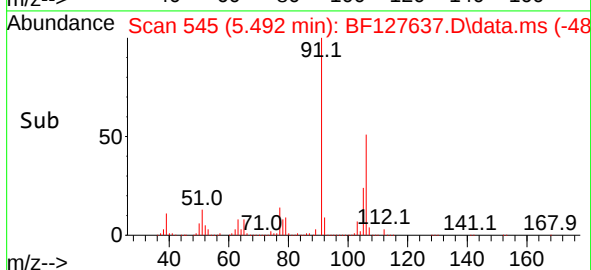
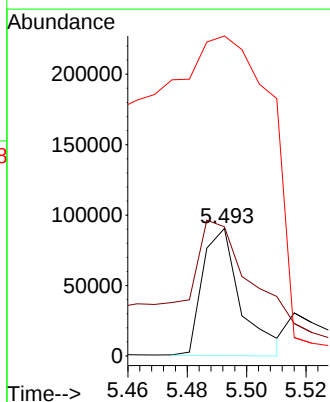
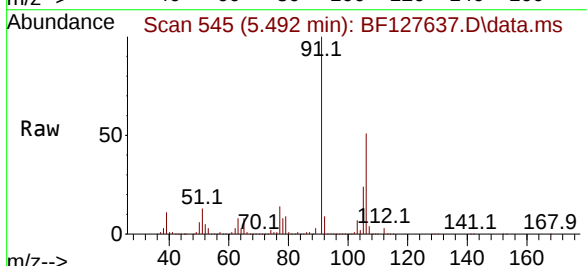
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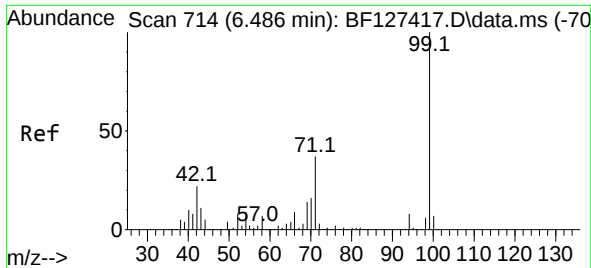
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#5
2-Fluorophenol
Concen: 13.931 ng m
RT: 5.492 min Scan# 545
Delta R.T. 0.035 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

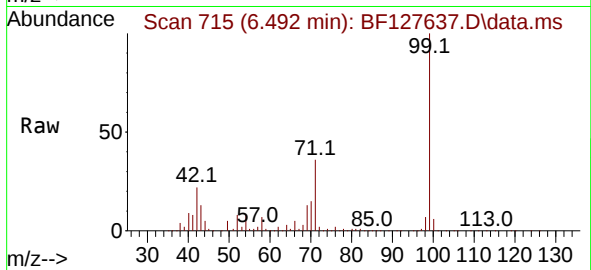
Tgt Ion:112 Resp: 80714
Ion Ratio Lower Upper
112 100
64 101.2 58.4 87.6#
63 250.9 30.1 45.1#





#7
Phenol-d6
Concen: 37.777 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.012 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

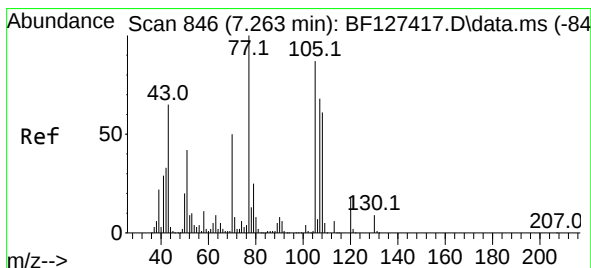
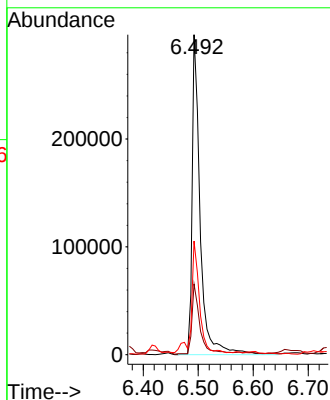
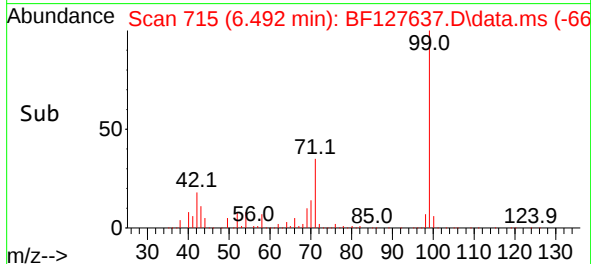
Instrument :
BNA_F
ClientSampleId :
MW-101R



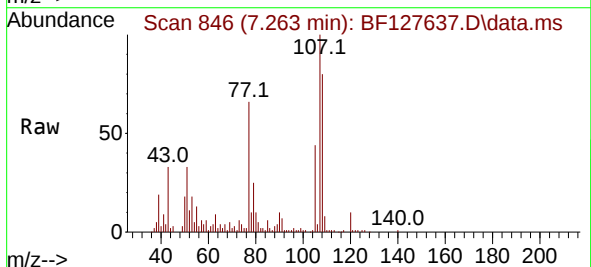
Tgt Ion: 99 Resp: 29917
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 35.5 29.6 44.4

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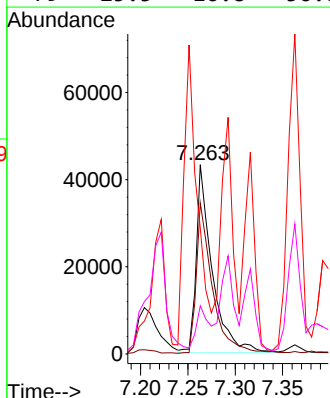
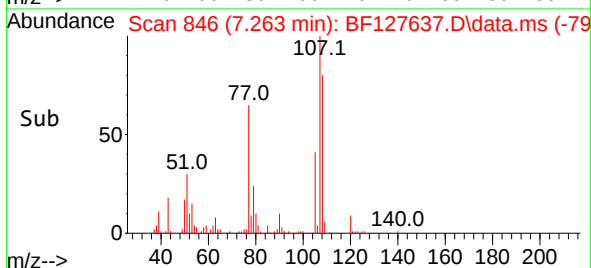
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

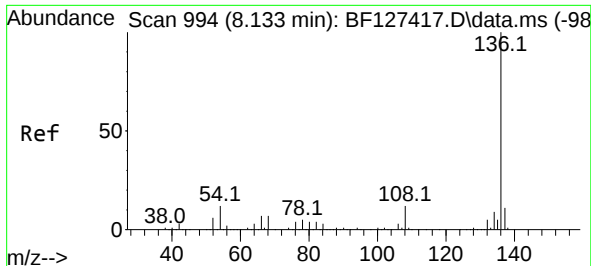


#20
3+4-Methylphenols
Concen: 8.242 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39



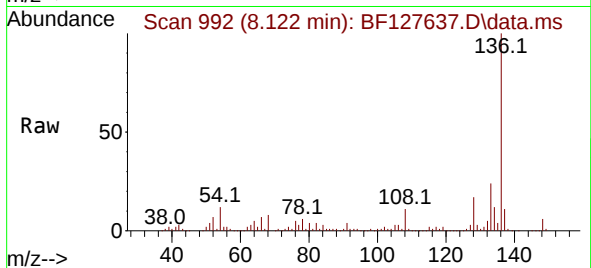
Tgt Ion:107 Resp: 50793
Ion Ratio Lower Upper
107 100
108 79.7 70.7 110.7
77 66.5 127.9 167.9#
79 25.5 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

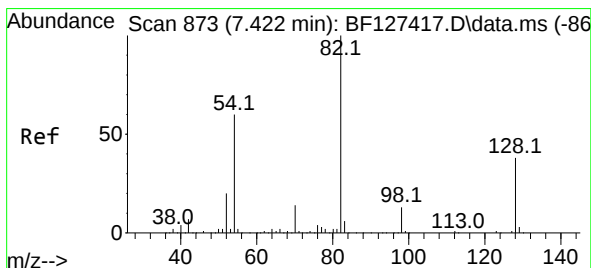
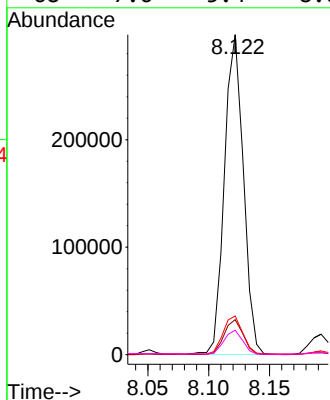
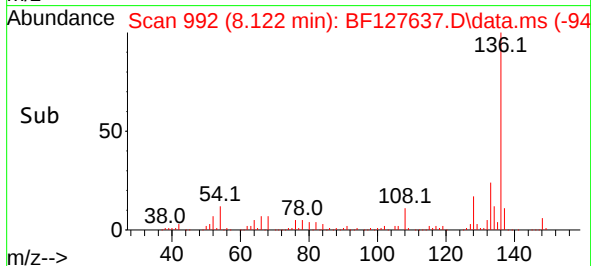
Instrument :
BNA_F
ClientSampleId :
MW-101R



Tgt Ion:136 Resp: 32314
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 9.2 13.8
68 7.6 5.4 8.0

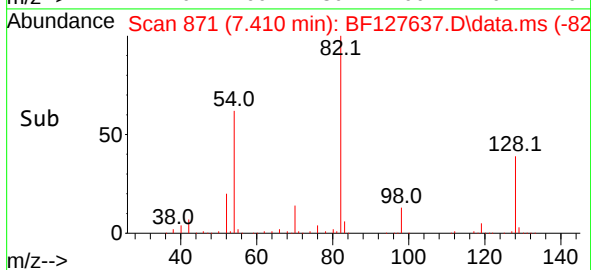
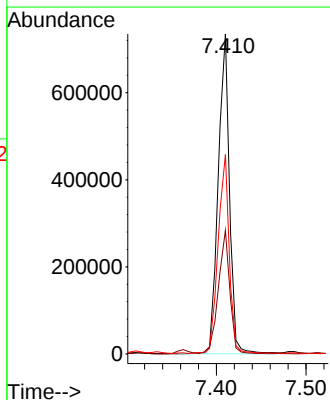
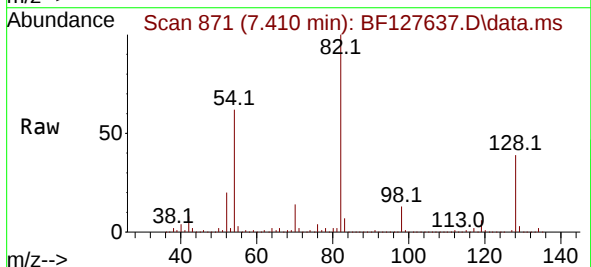
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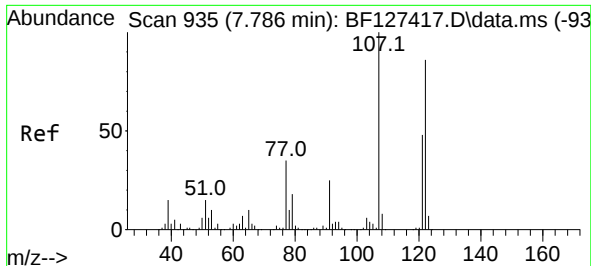
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#23
Nitrobenzene-d5
Concen: 84.977 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

Tgt Ion: 82 Resp: 642401
Ion Ratio Lower Upper
82 100
128 38.6 30.6 45.8
54 62.3 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 51.686 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.024 min

Lab File: BF127637.D

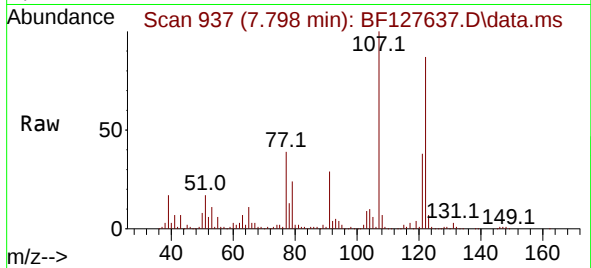
Acq: 04 Apr 2022 17:39

Instrument :

BNA_F

ClientSampleId :

MW-101R



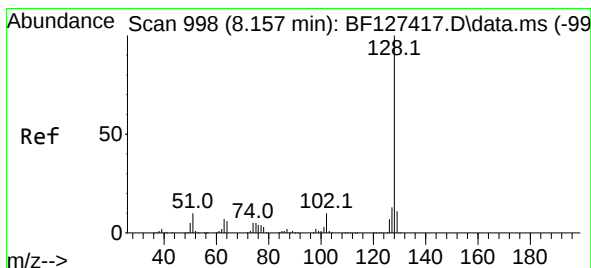
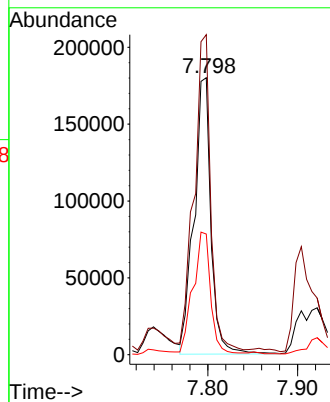
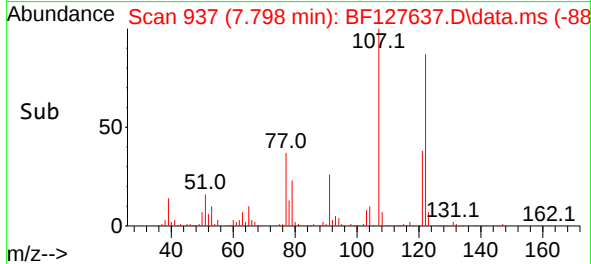
Tgt Ion:	122	Resp:	235080
Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.0	139.4
121	43.6	44.9	67.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#31

Naphthalene

Concen: 203.275 ng

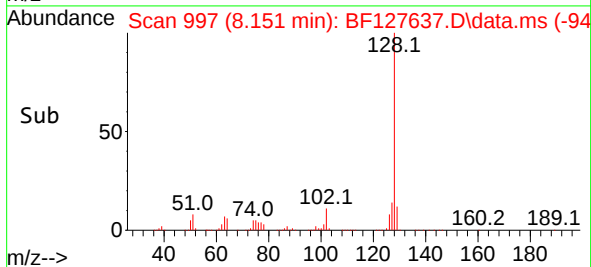
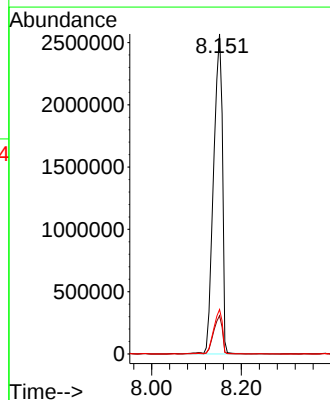
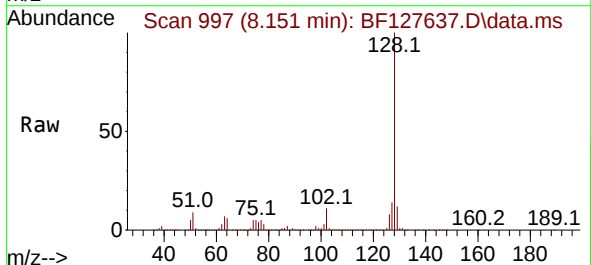
RT: 8.151 min Scan# 997

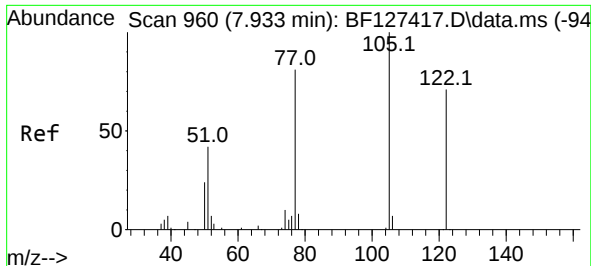
Delta R.T. 0.012 min

Lab File: BF127637.D

Acq: 04 Apr 2022 17:39

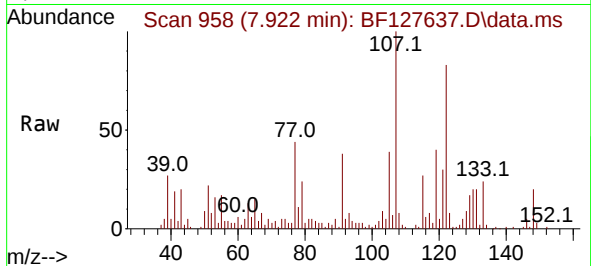
Tgt Ion:	128	Resp:	3487465
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.4	12.6
127	13.9	10.2	15.2





#32
Benzoic acid
Concen: 28.628 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

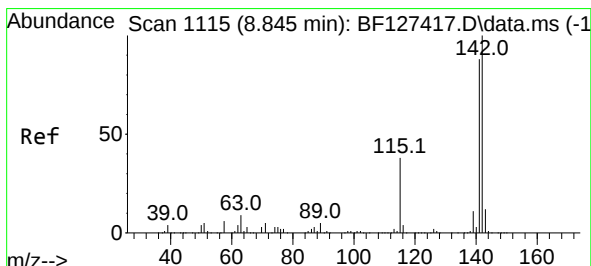
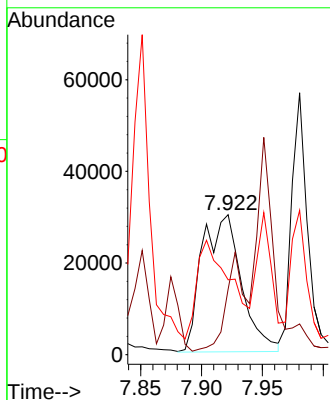
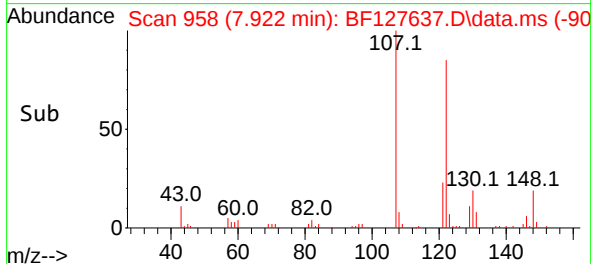
Instrument :
BNA_F
ClientSampleId :
MW-101R



Tgt Ion:122 Resp: 6754
Ion Ratio Lower Upper
122 100
105 46.8 117.1 157.1
77 53.5 93.0 133.0

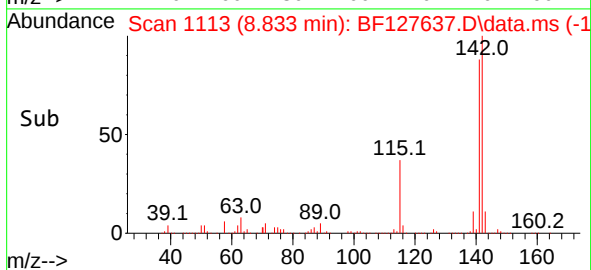
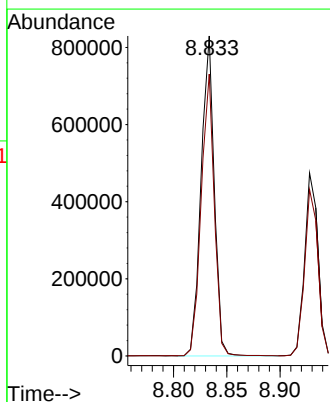
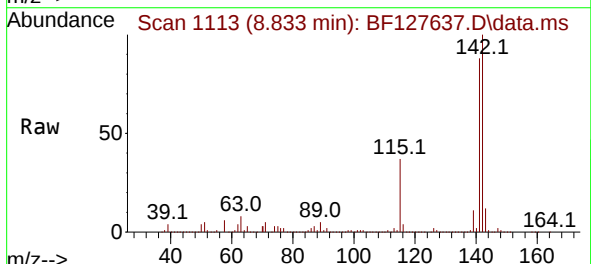
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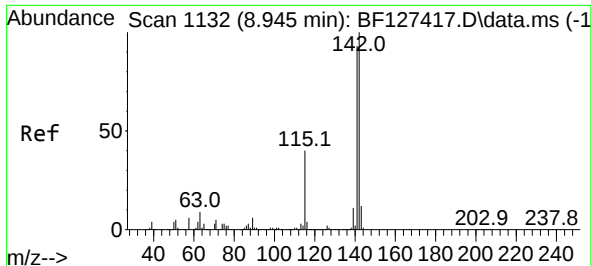
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#37
2-Methylnaphthalene
Concen: 64.779 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

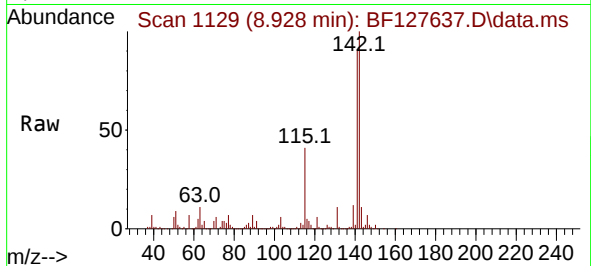
Tgt Ion:142 Resp: 714620
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0





#38
1-Methylnaphthalene
Concen: 37.656 ng
RT: 8.928 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

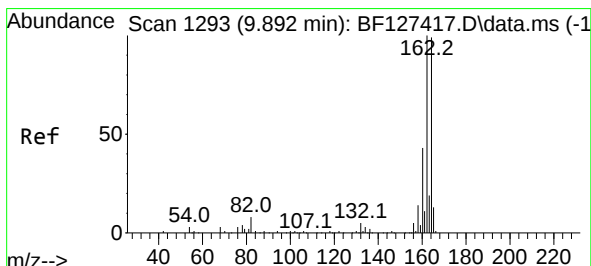
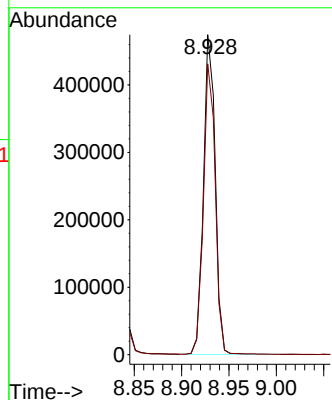
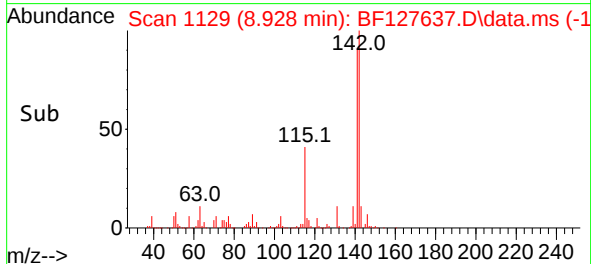
Instrument :
BNA_F
ClientSampleId :
MW-101R



Tgt Ion:142 Resp: 410770
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.2

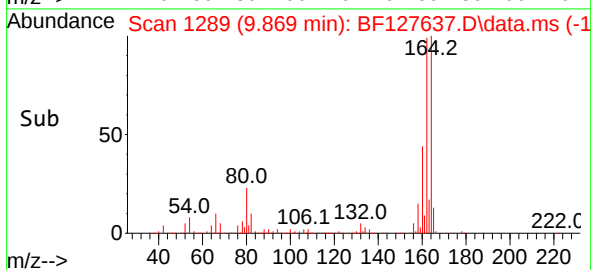
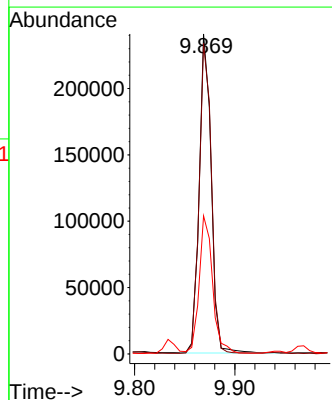
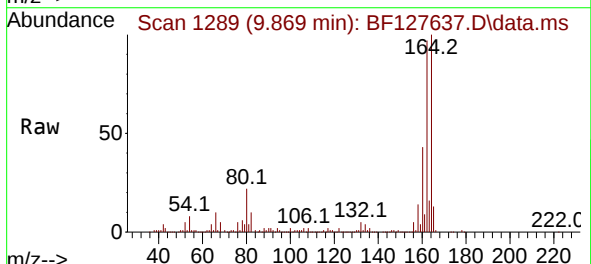
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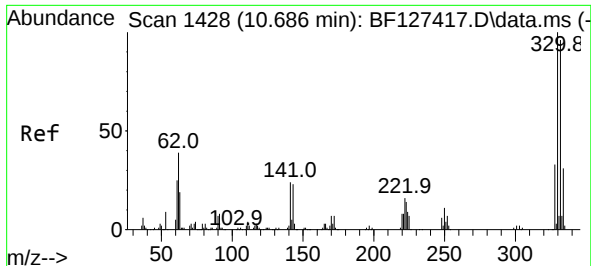
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

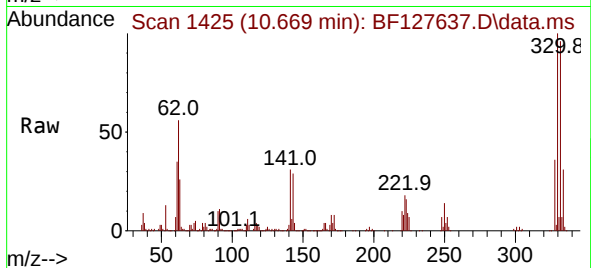
Tgt Ion:164 Resp: 200324
Ion Ratio Lower Upper
164 100
162 97.0 81.2 121.8
160 43.1 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 129.005 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

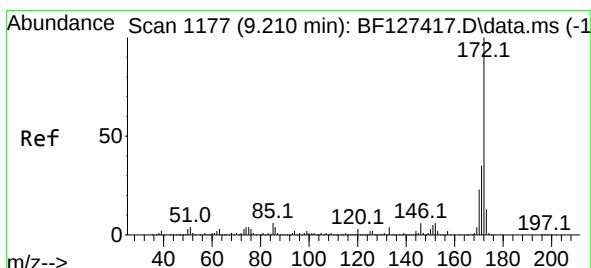
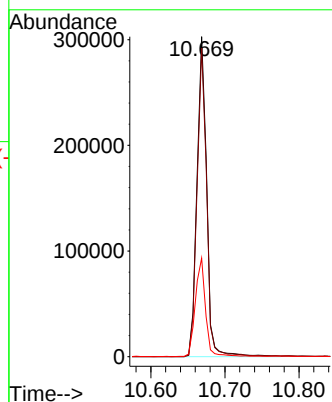
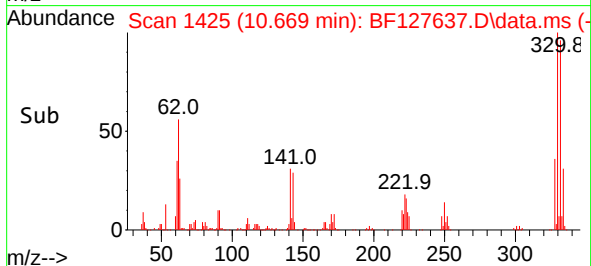
Instrument :
BNA_F
ClientSampleId :
MW-101R



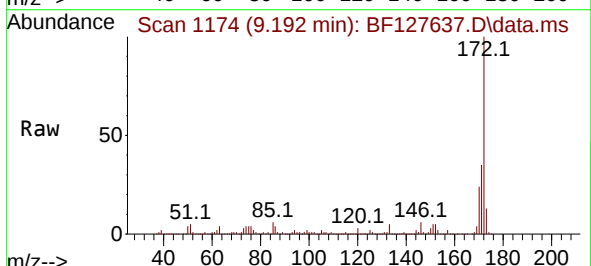
Tgt Ion: 330 Resp: 27529
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 32.6 26.2 39.4

Manual Integrations
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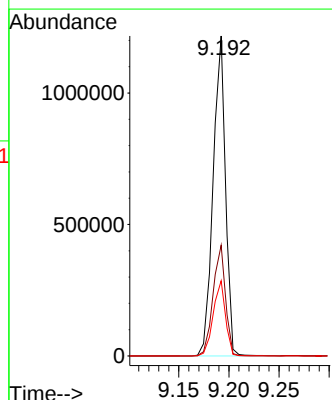
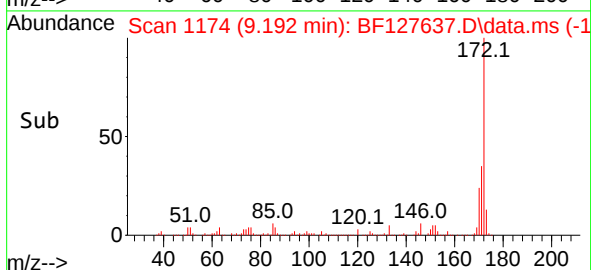
Reviewed By : Christian Giraldo 04/05/2022
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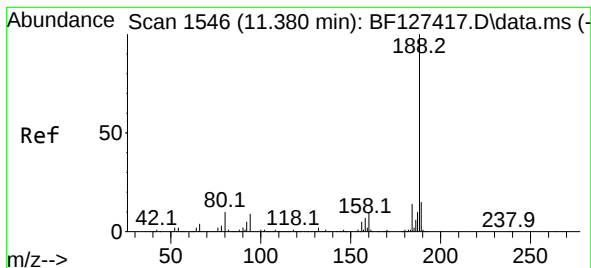


#45
2-Fluorobiphenyl
Concen: 76.416 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39



Tgt Ion: 172 Resp: 1048322
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.5 18.6 27.8





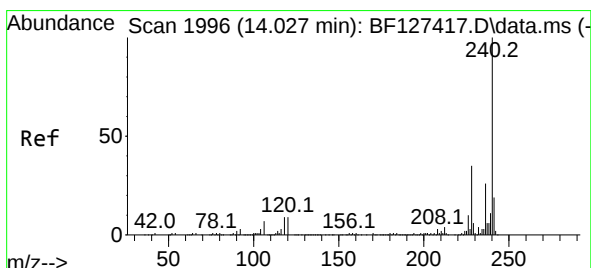
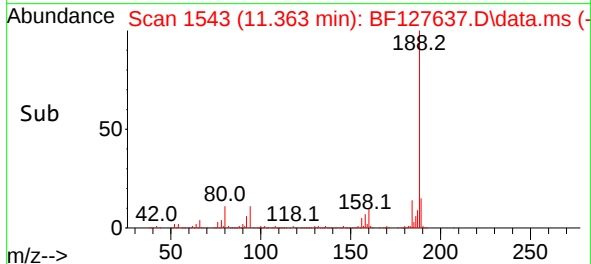
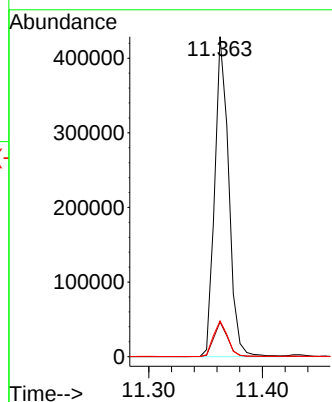
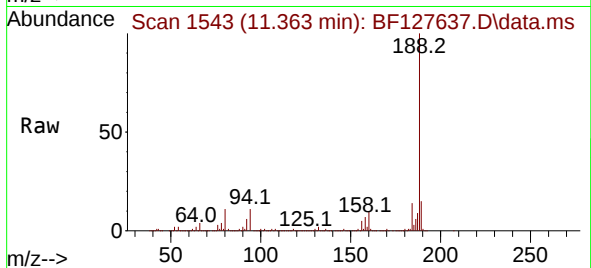
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

Instrument :
BNA_F
ClientSampleId :
MW-101R

Tgt Ion:188 Resp: 368280
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.0
80 11.2 8.0 12.0

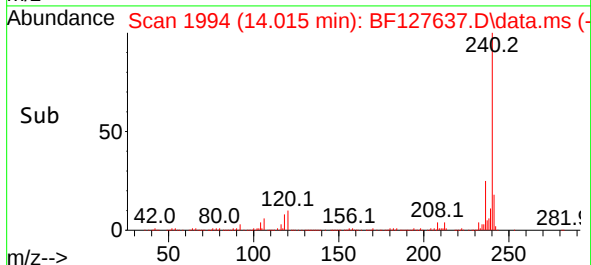
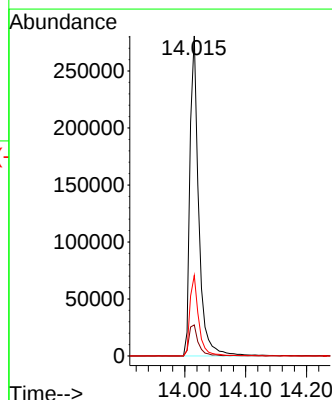
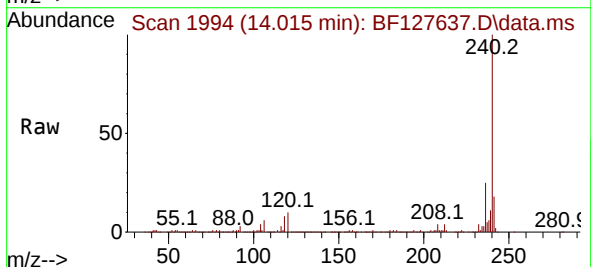
Manual Integrations
APPROVED

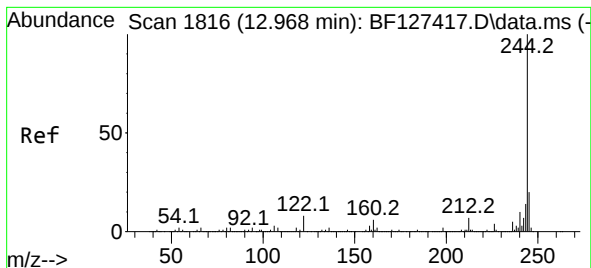
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127637.D
Acq: 04 Apr 2022 17:39

Tgt Ion:240 Resp: 280766
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 75.474 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127637.D

Acq: 04 Apr 2022 17:39

Instrument :

BNA_F

ClientSampleId :

MW-101R

Tgt Ion:244 Resp: 129445

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

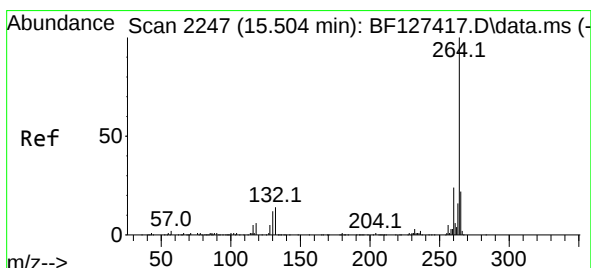
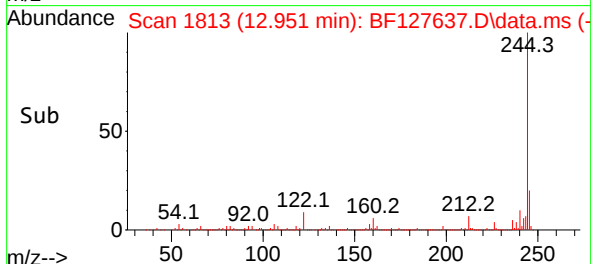
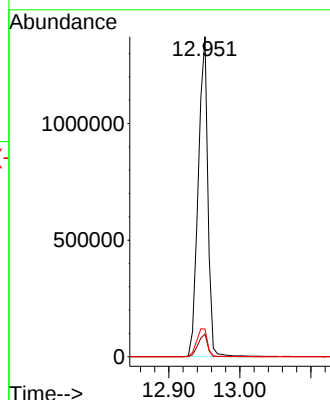
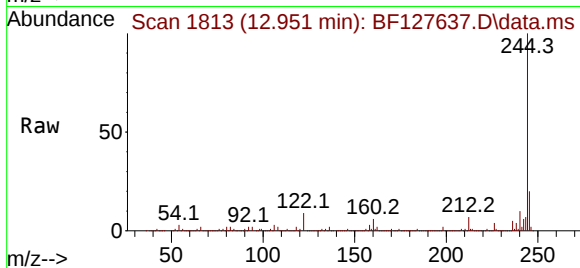
122 8.7 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF127637.D

Acq: 04 Apr 2022 17:39

Tgt Ion:264 Resp: 210382

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.1 17.4 26.2

