

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129194.D
 Acq On : 12 Jul 2022 17:45
 Operator : CG\JU
 Sample : N3663-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16181

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 18:39:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	338422	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1319437	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	629727	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	1003580	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	568858	20.000	ng	-0.01
86) Perylene-d12	15.621	264	465379	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	2272780	113.540	ng	0.01
7) Phenol-d6	6.563	99	2553772	102.722	ng	0.00
23) Nitrobenzene-d5	7.498	82	2052954	92.806	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	826160	120.654	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	3297339	83.767	ng	0.00
79) Terphenyl-d14	13.057	244	2826562	103.184	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.328	107	226471	10.406	ng	# 70
32) Benzoic acid	7.933	122	57321m	3.978	ng	

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

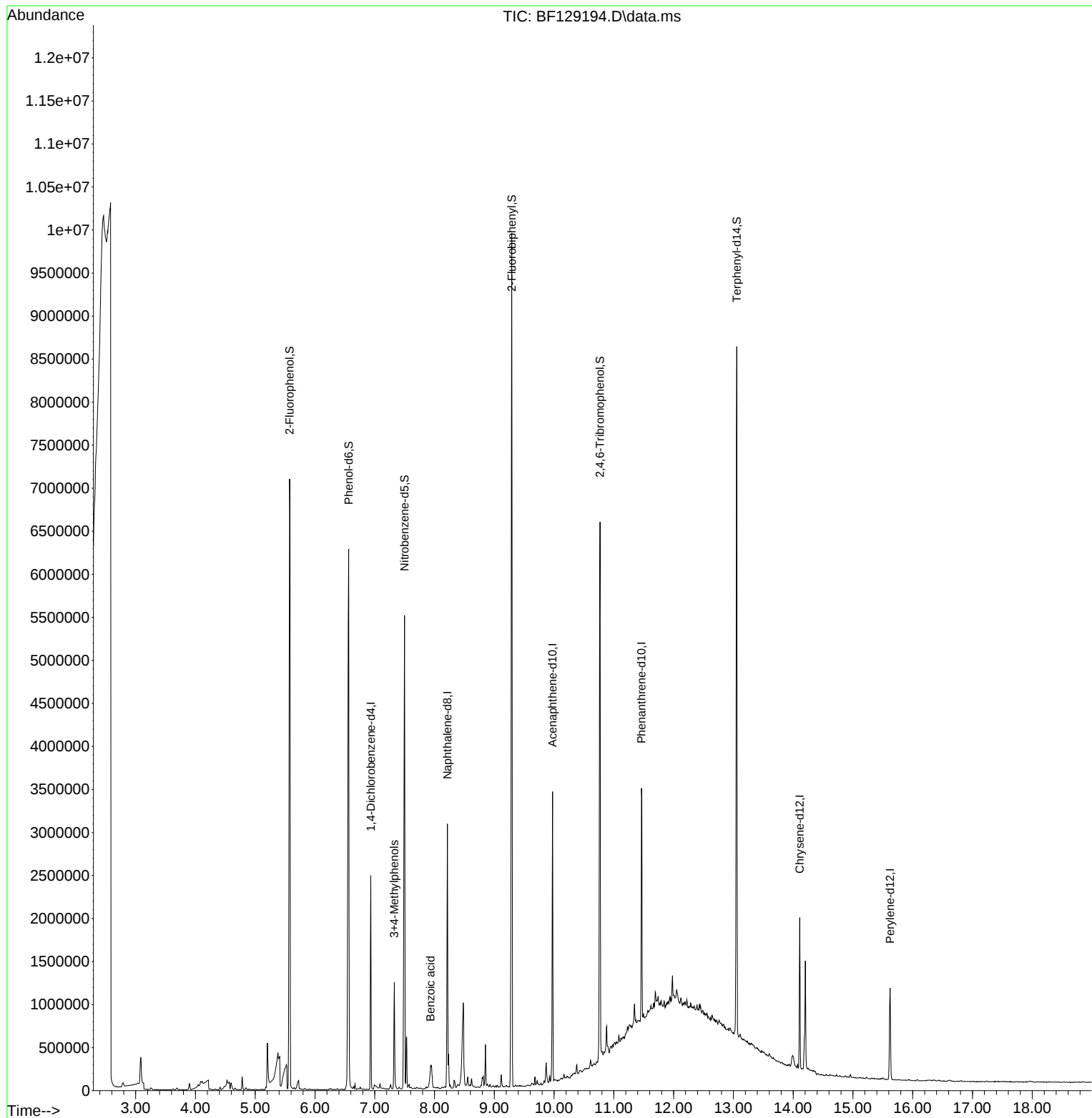
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
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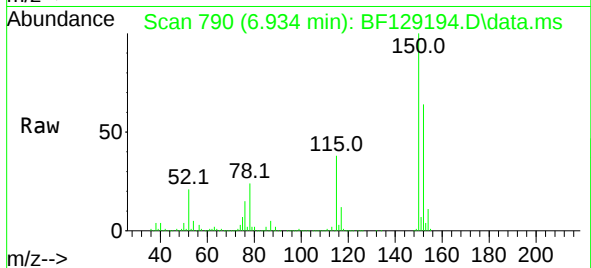
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

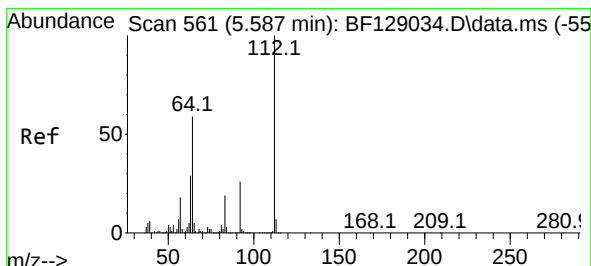
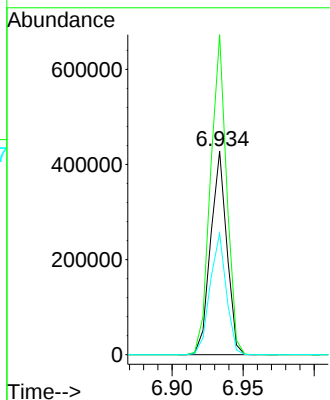
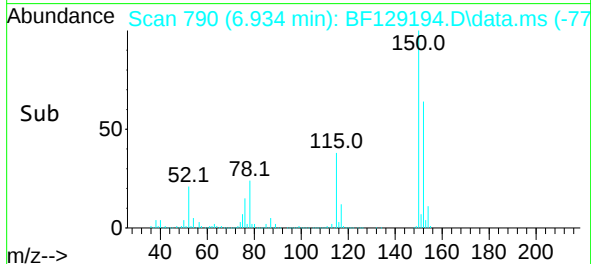
Instrument :
BNA_F
ClientSampleId :
VB16181



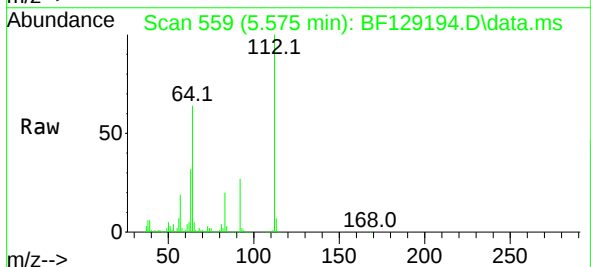
Tgt Ion:152 Resp: 33842
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 59.5 49.9 74.9

Manual Integrations
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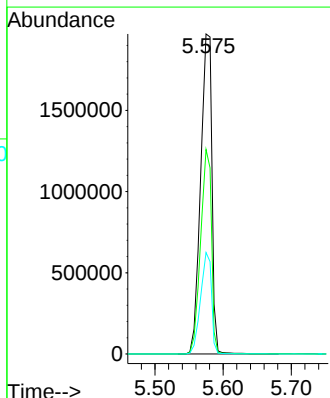
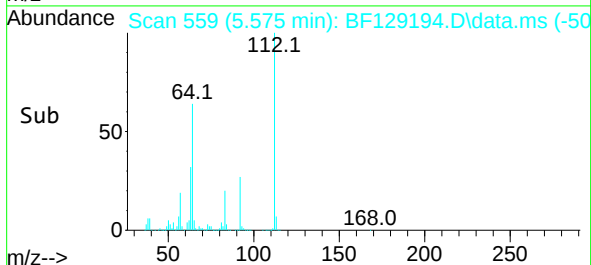
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#5
2-Fluorophenol
Concen: 113.540 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45



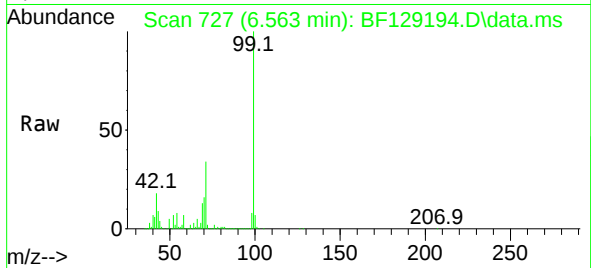
Tgt Ion:112 Resp: 2272780
Ion Ratio Lower Upper
112 100
64 63.9 53.3 79.9
63 31.7 28.0 42.0





#7
Phenol-d6
Concen: 102.722 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

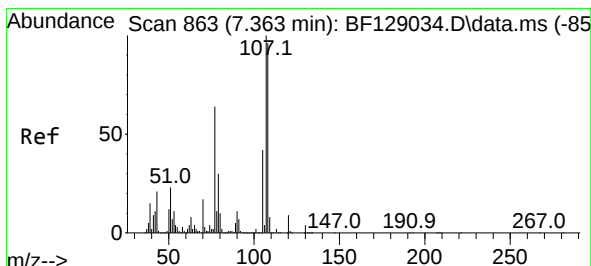
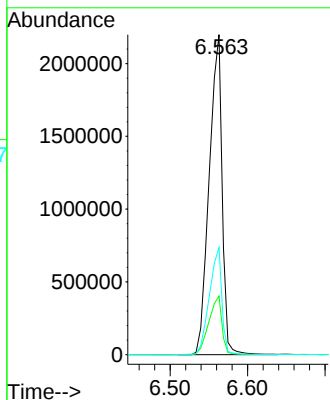
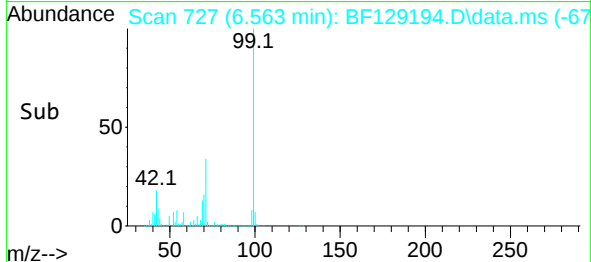
Instrument :
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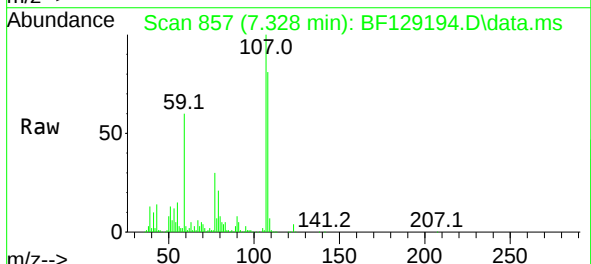
Tgt Ion: 99 Resp: 2553772
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 33.5 28.9 43.3

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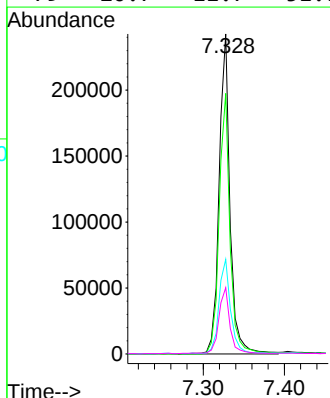
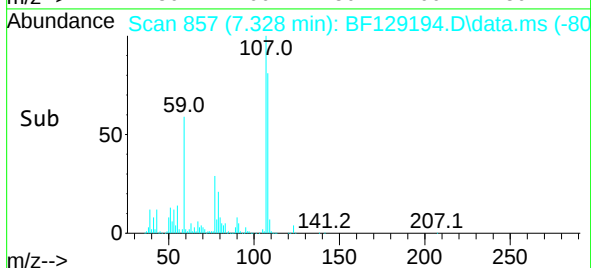
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#20
3+4-Methylphenols
Concen: 10.406 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45



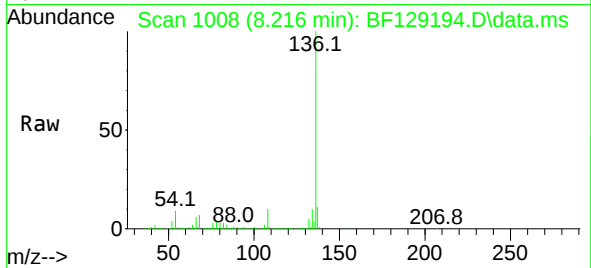
Tgt Ion:107 Resp: 226471
Ion Ratio Lower Upper
107 100
108 81.4 71.8 111.8
77 29.5 59.3 99.3#
79 20.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

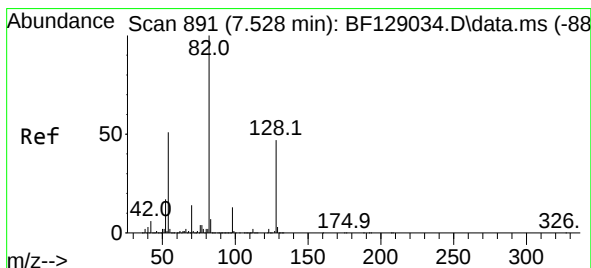
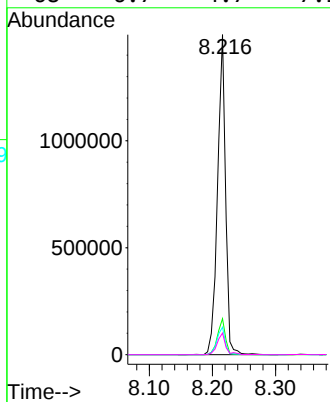
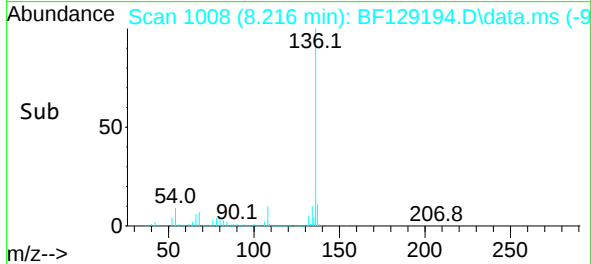
Instrument :
BNA_F
ClientSampleId :
VB16181



Tgt Ion:136 Resp: 131943
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 6.7 4.7 7.1

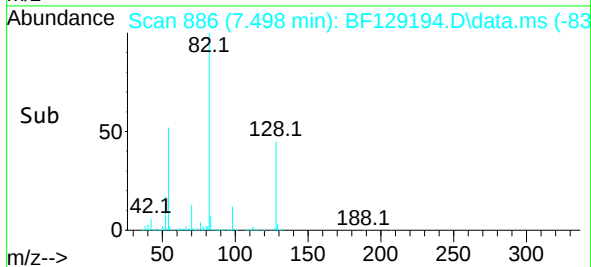
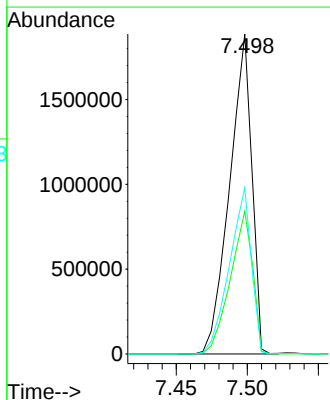
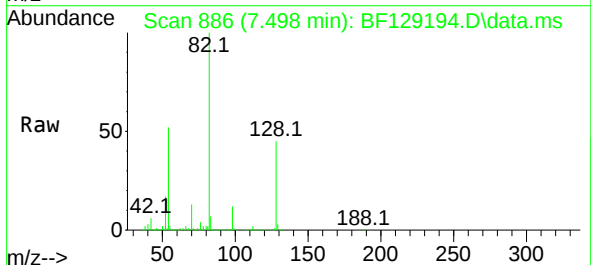
Manual Integrations
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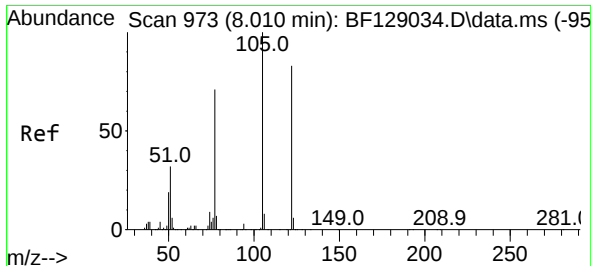
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#23
Nitrobenzene-d5
Concen: 92.806 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

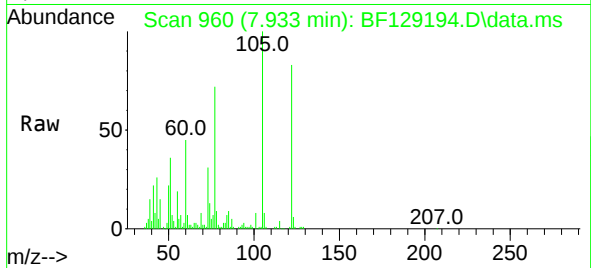
Tgt Ion: 82 Resp: 2052954
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 52.0 46.9 70.3





#32
Benzoic acid
Concen: 3.978 ng m
RT: 7.933 min Scan# 90
Delta R.T. -0.065 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

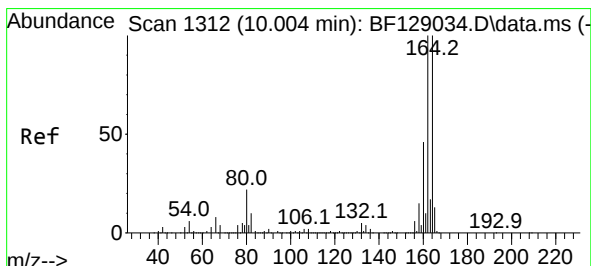
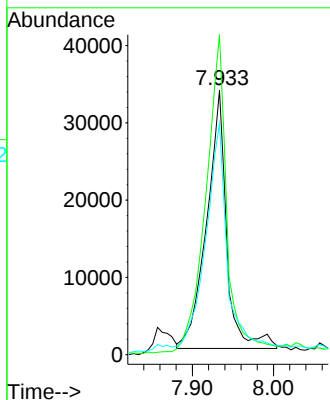
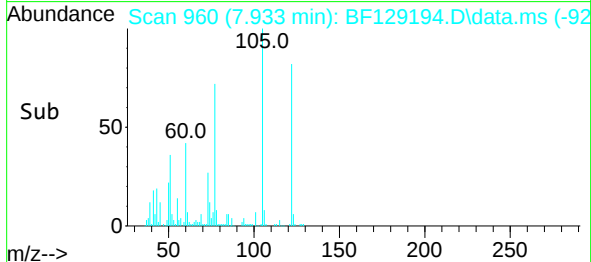
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Tgt Ion:122 Resp: 5732
Ion Ratio Lower Upper
122 100
105 121.0 107.1 147.1
77 87.3 74.2 114.2

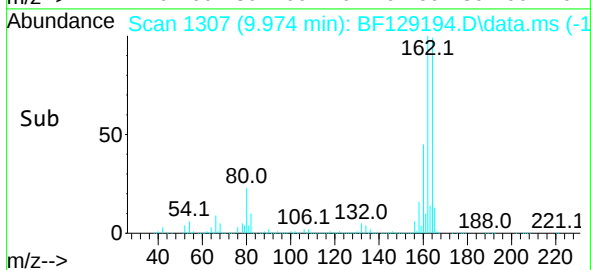
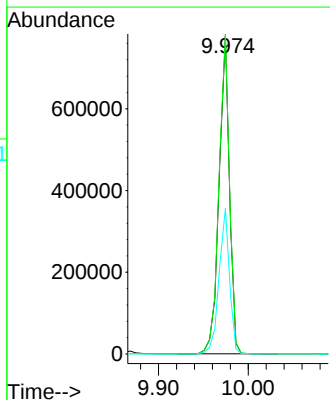
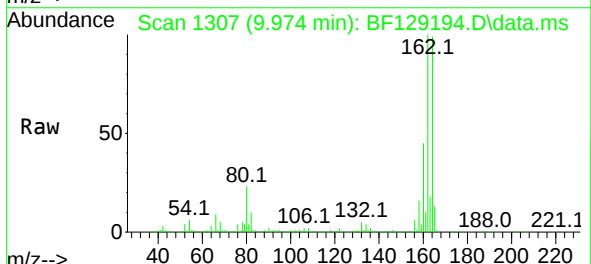
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

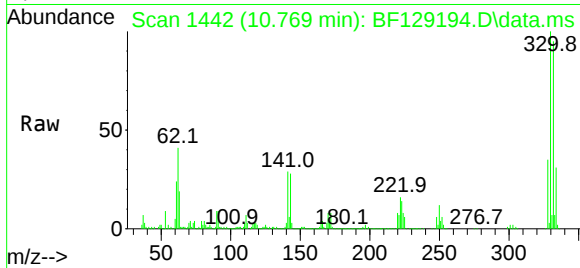
Tgt Ion:164 Resp: 629727
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 120.654 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

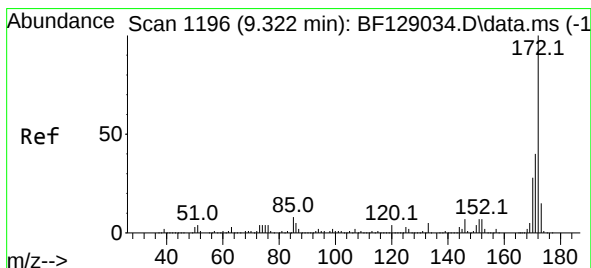
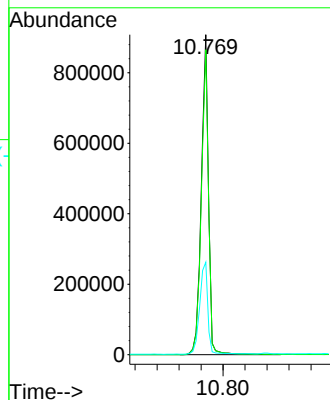
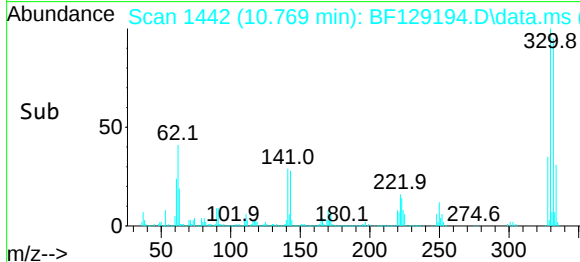
Instrument :
BNA_F
ClientSampleId :
VB16181



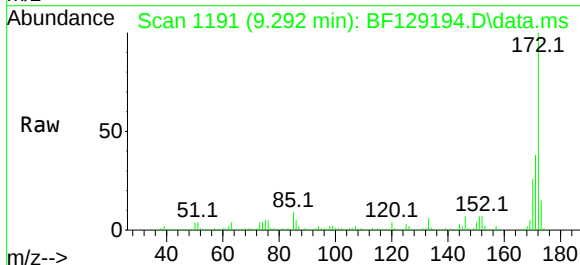
Tgt Ion: 330 Resp: 826160
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 32.5 28.0 42.0

Manual Integrations
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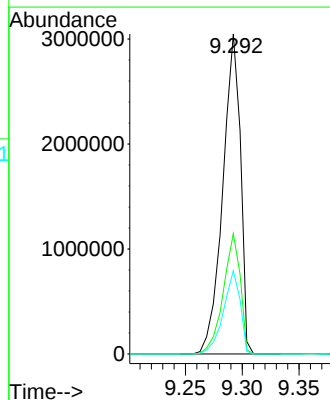
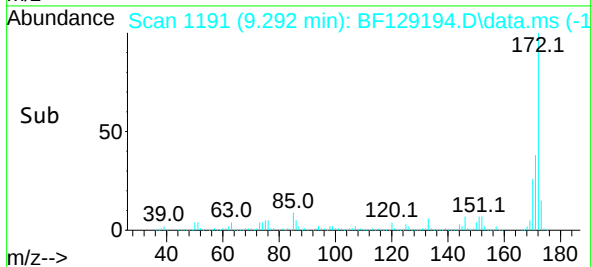
Reviewed By : Christian Giraldo 07/13/2022
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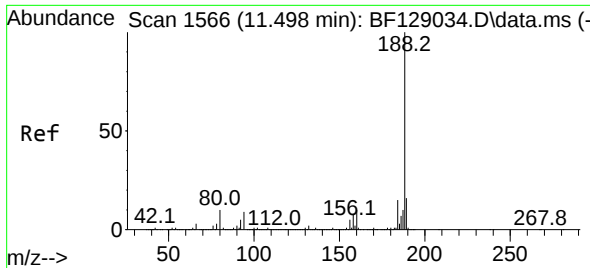


#45
2-Fluorobiphenyl
Concen: 83.767 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45



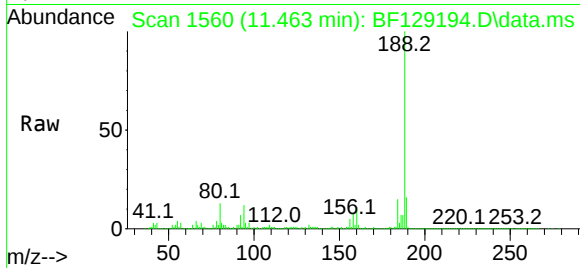
Tgt Ion: 172 Resp: 3297339
Ion Ratio Lower Upper
172 100
171 37.6 28.8 43.2
170 26.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

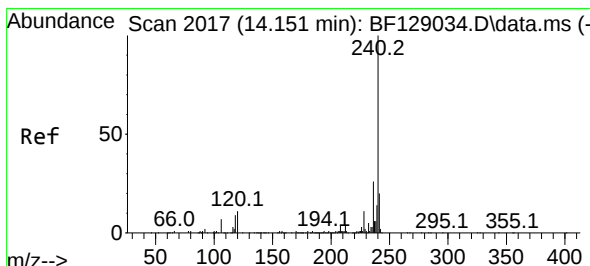
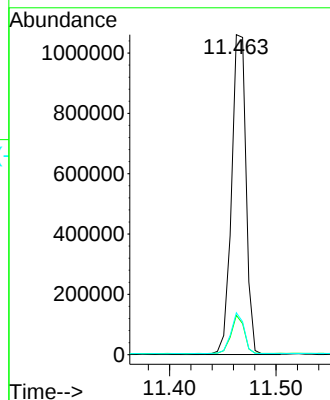
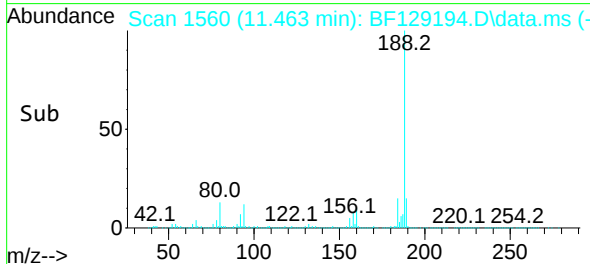
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Tgt Ion:188 Resp: 1003580
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.6
80 13.1 7.6 11.4

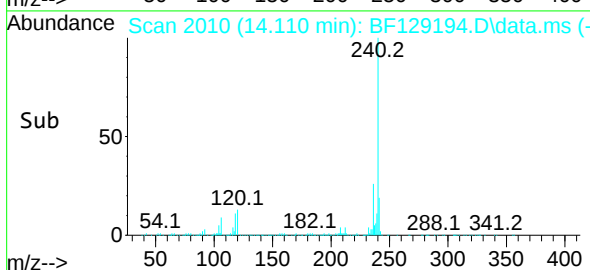
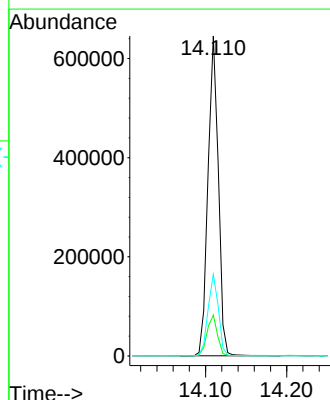
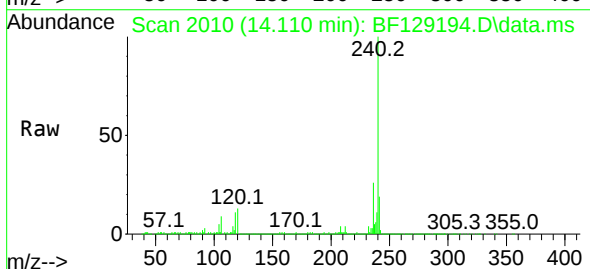
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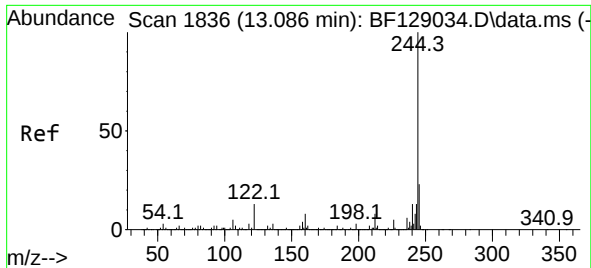
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

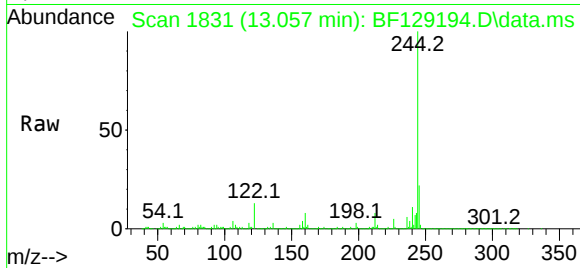
Tgt Ion:240 Resp: 568858
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.5 20.8 31.2





#79
Terphenyl-d14
Concen: 103.184 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

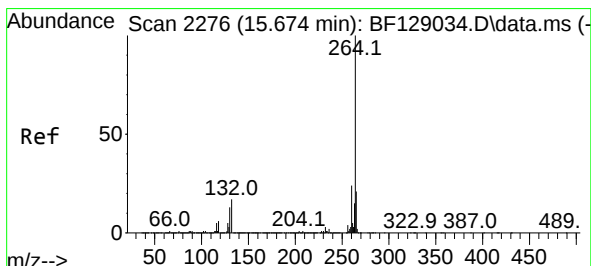
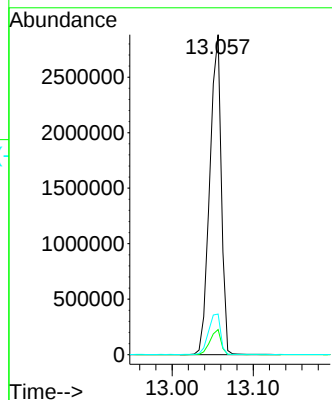
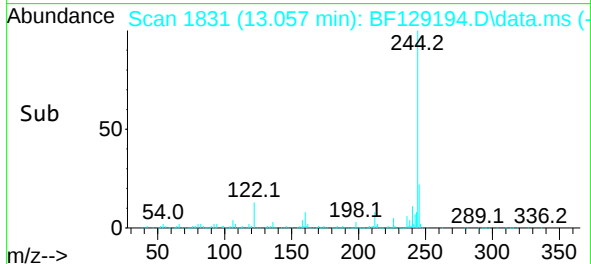
Instrument :
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Tgt Ion:244 Resp: 282656
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.7 8.8 13.2

Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 07/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:264 Resp: 465379
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 20.7 17.2 25.8

