

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133129.D
 Acq On : 28 Apr 2023 19:22
 Operator : CG\JU
 Sample : 02502-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 03:07:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	173433	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	691817	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	360974	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	657726	20.000	ng	0.00
76) Chrysene-d12	13.880	240	494629	20.000	ng	-0.01
86) Perylene-d12	15.304	264	402438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1397979	121.765	ng	0.02
7) Phenol-d6	6.375	99	1574260	110.472	ng	0.00
23) Nitrobenzene-d5	7.298	82	1084311	84.600	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	513337	141.404	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1856693	86.052	ng	0.00
79) Terphenyl-d14	12.845	244	2348782	81.897	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.745	122	36361m	5.480	ng	

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

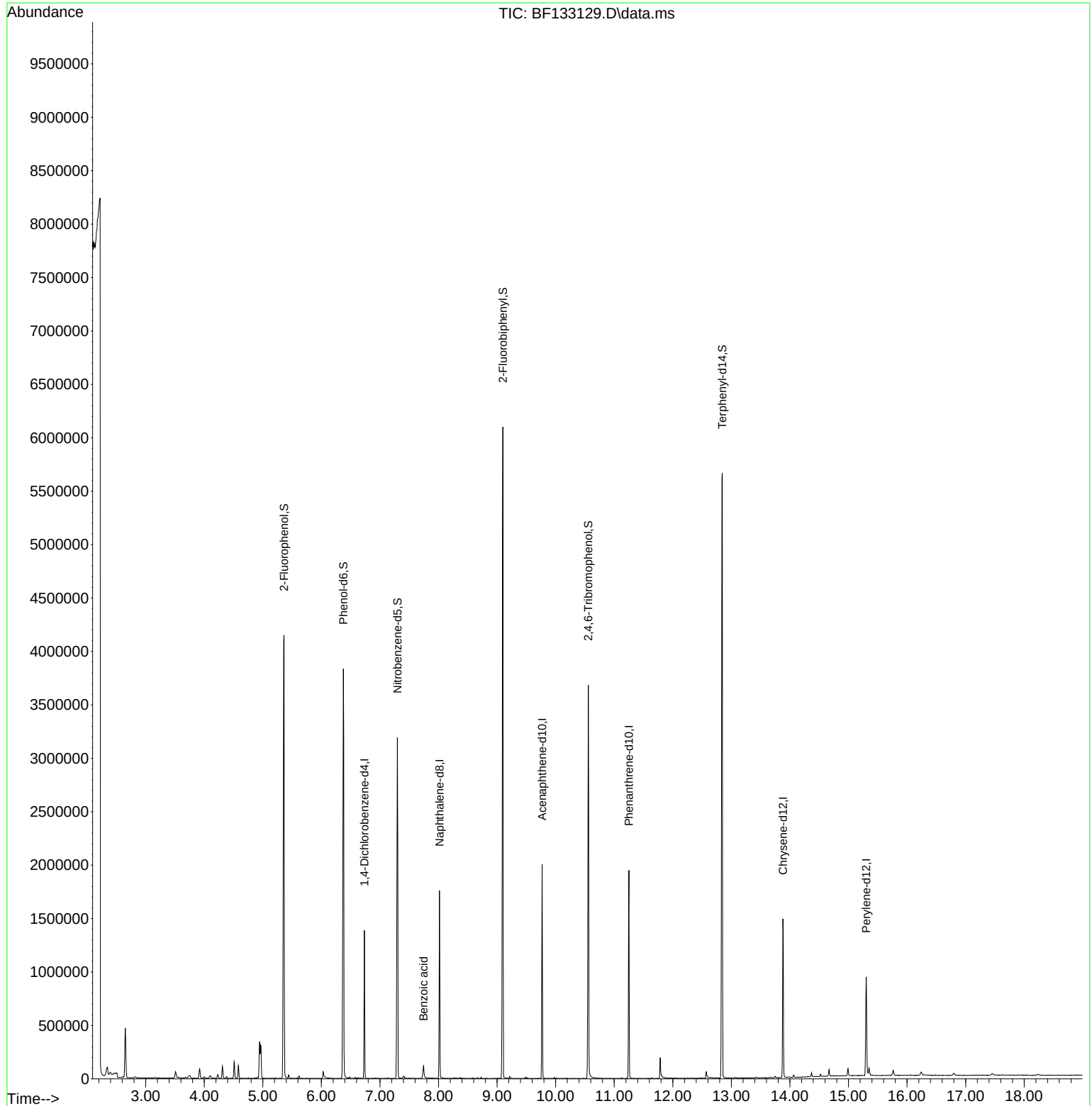
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133129.D
Acq On : 28 Apr 2023 19:22
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Sample : 02502-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

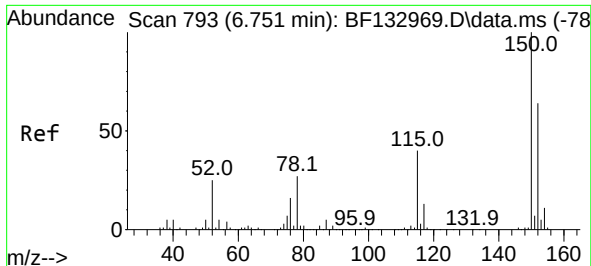
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Quant Time: May 01 03:07:49 2023
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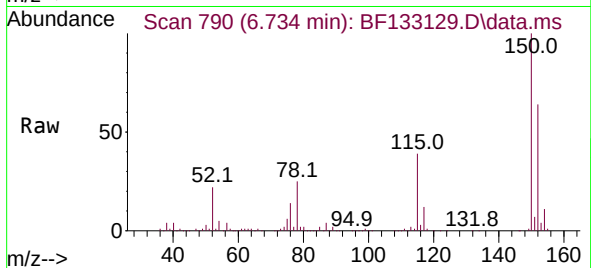
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

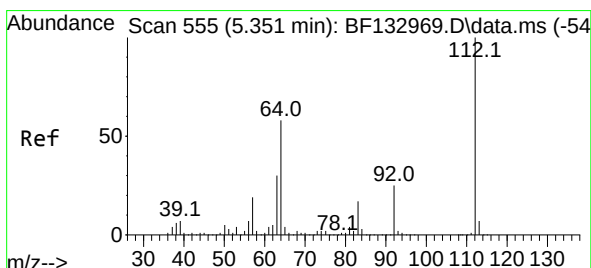
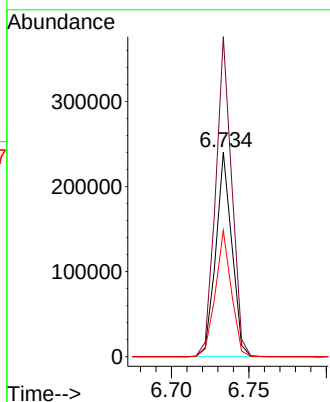
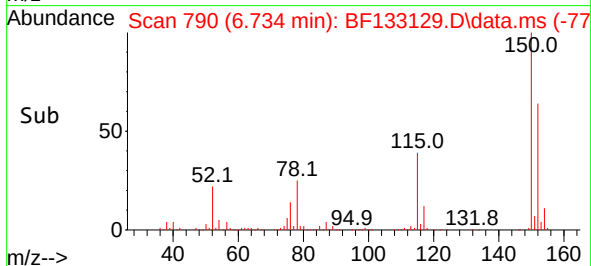
Instrument :
BNA_F
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Tgt Ion:152 Resp: 173433
Ion Ratio Lower Upper
152 100
150 156.4 124.8 187.2
115 61.6 49.9 74.9

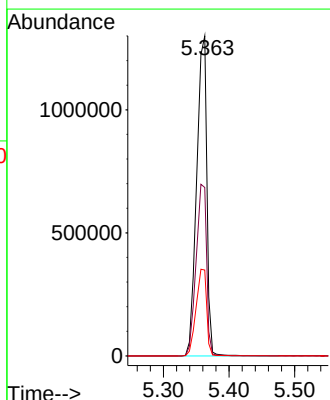
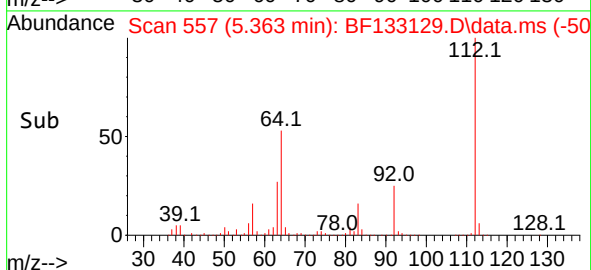
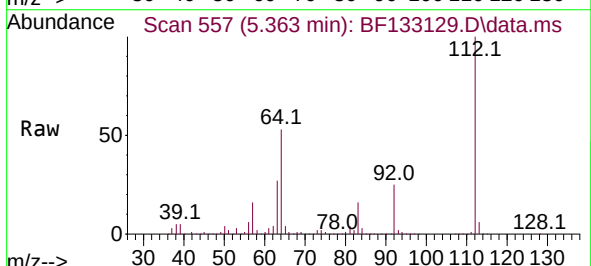
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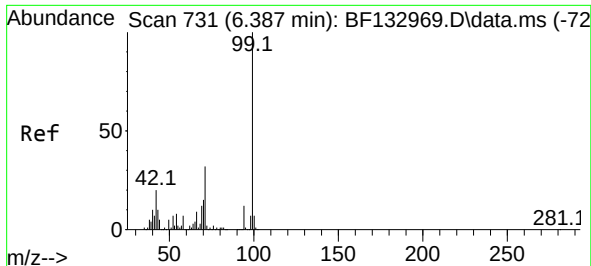
Reviewed By :Christian Giraldo 05/01/2023
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#5
2-Fluorophenol
Concen: 121.765 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.023 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion:112 Resp: 1397979
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.8 23.8 35.8





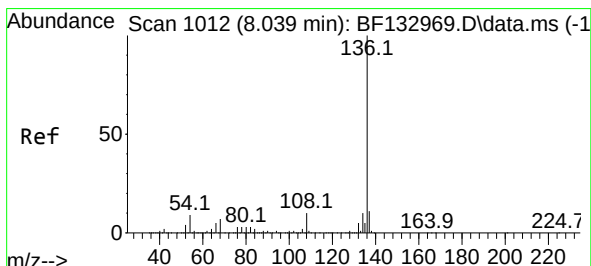
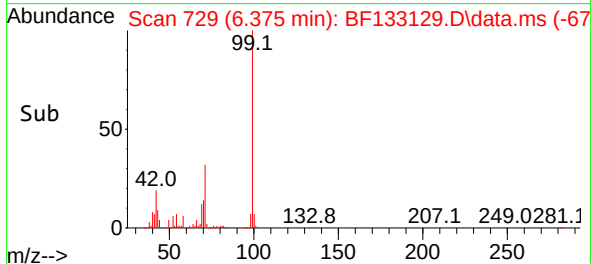
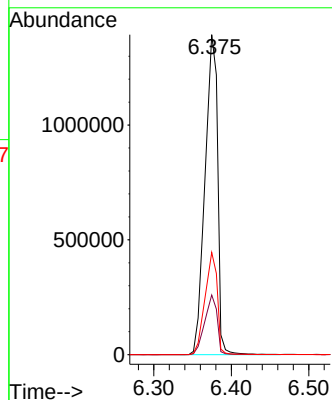
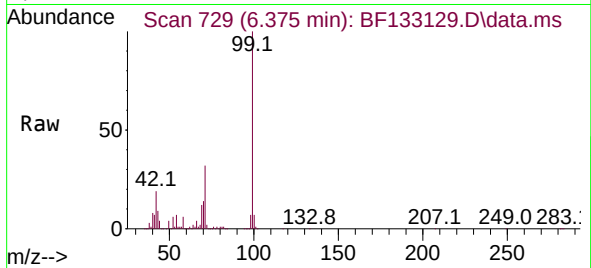
#7
Phenol-d6
Concen: 110.472 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

Tgt Ion: 99 Resp: 1574260
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.9 25.6 38.4

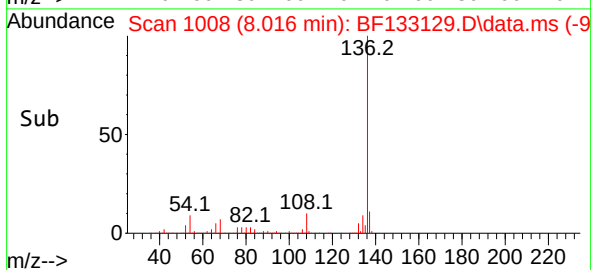
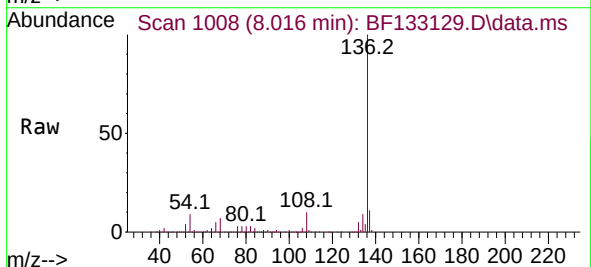
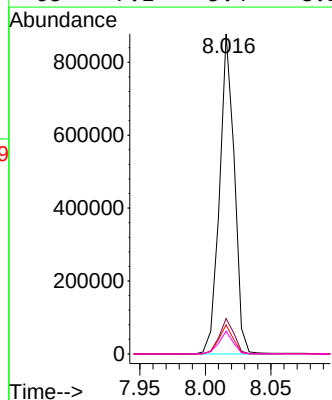
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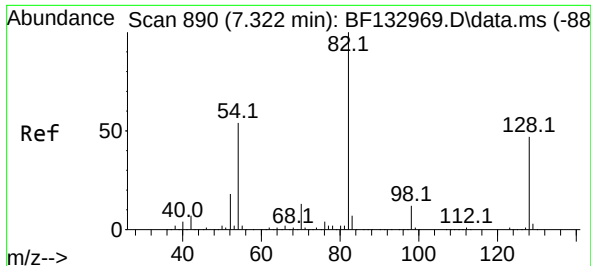
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

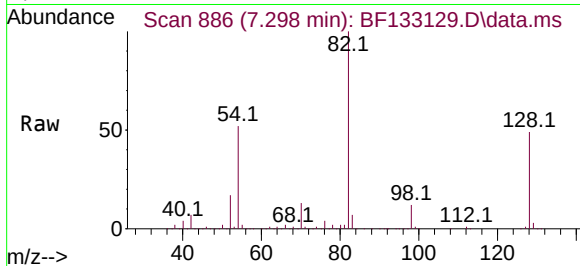
Tgt Ion:136 Resp: 691817
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2





#23
Nitrobenzene-d5
Concen: 84.600 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

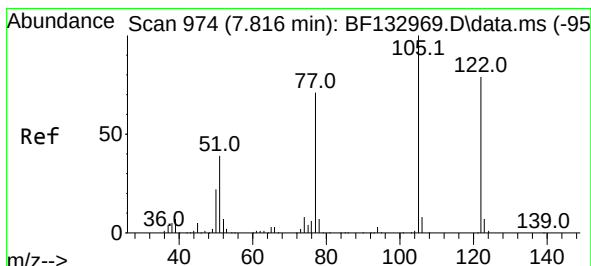
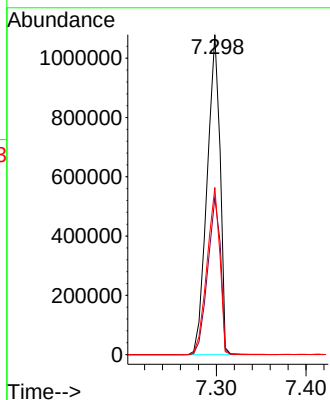
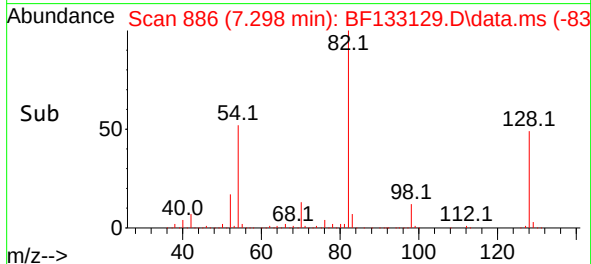
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 108431
Ion Ratio Lower Upper
82 100
128 49.0 37.7 56.5
54 52.2 43.0 64.4

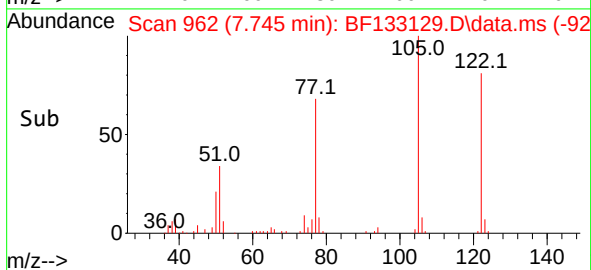
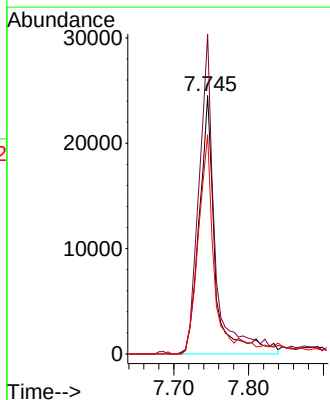
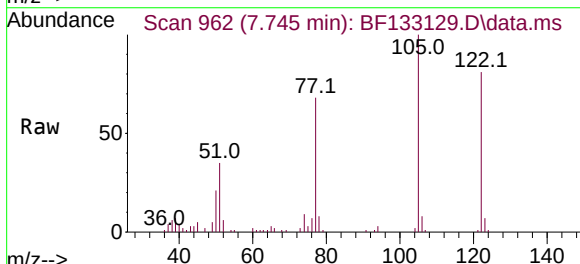
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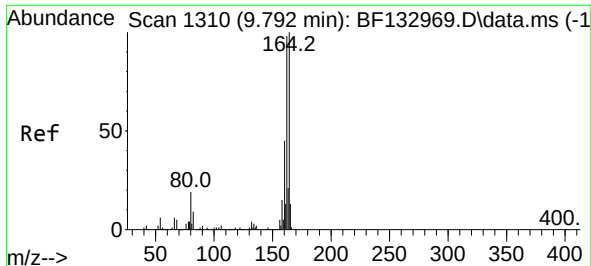
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#32
Benzoic acid
Concen: 5.480 ng m
RT: 7.745 min Scan# 962
Delta R.T. -0.053 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

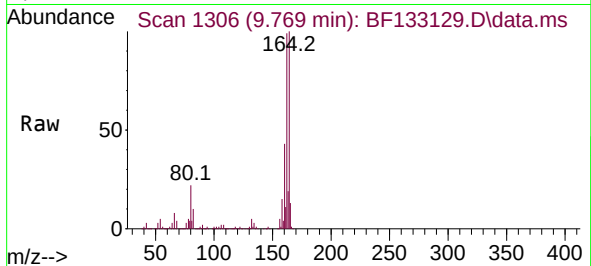
Tgt Ion:122 Resp: 36361
Ion Ratio Lower Upper
122 100
105 123.9 104.2 144.2
77 84.8 69.7 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

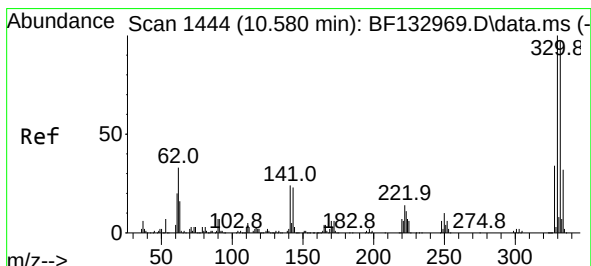
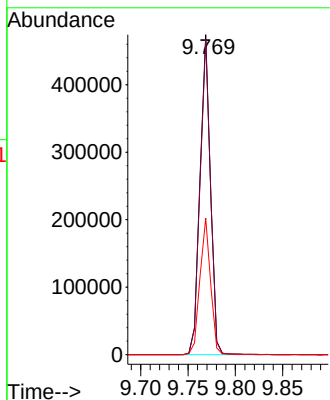
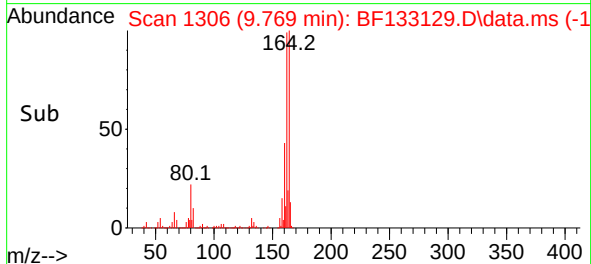
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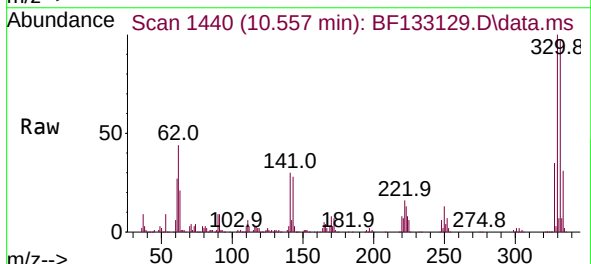
Tgt Ion:164 Resp: 360974
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 42.7 35.8 53.6

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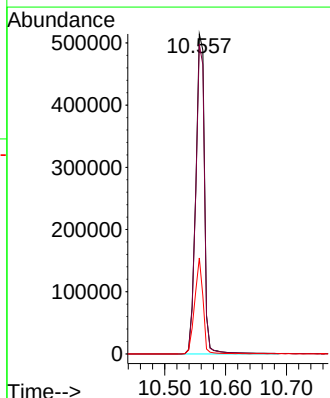
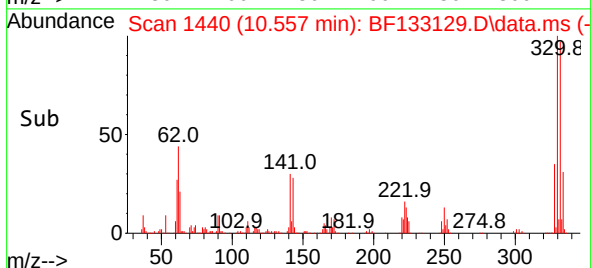
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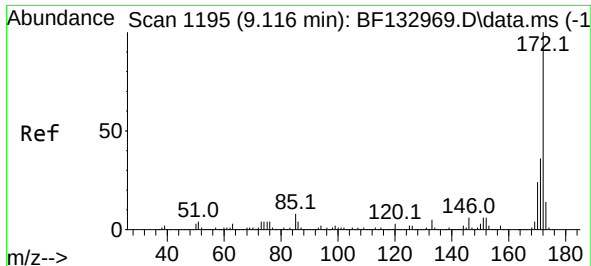


#42
2,4,6-Tribromophenol
Concen: 141.404 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22



Tgt Ion:330 Resp: 513337
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 28.6 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 86.052 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133129.D

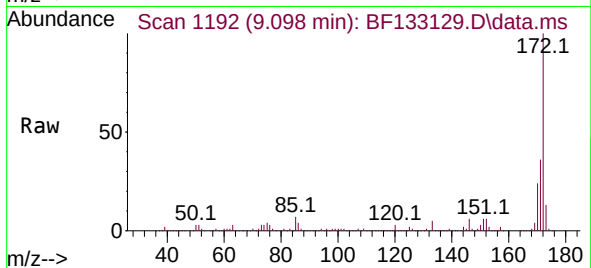
Acq: 28 Apr 2023 19:22

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:172 Resp: 1856693

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

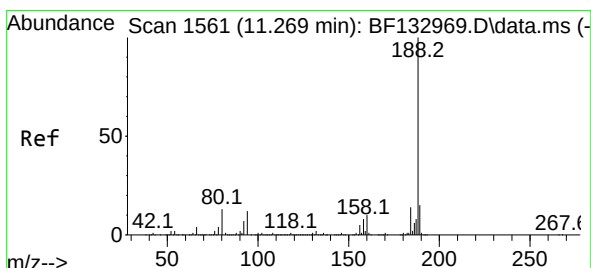
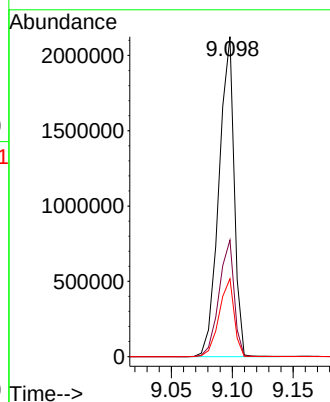
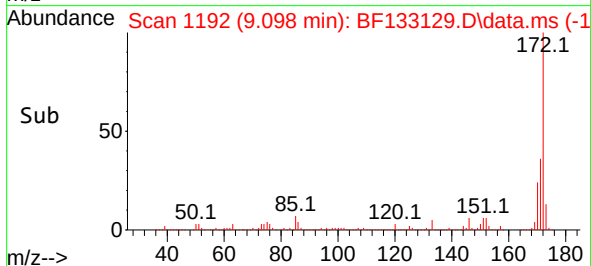
170 24.3 19.4 29.2

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BF133129.D

Acq: 28 Apr 2023 19:22

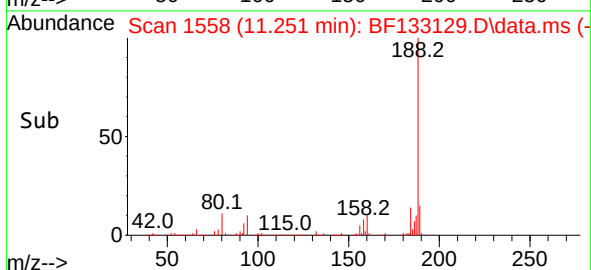
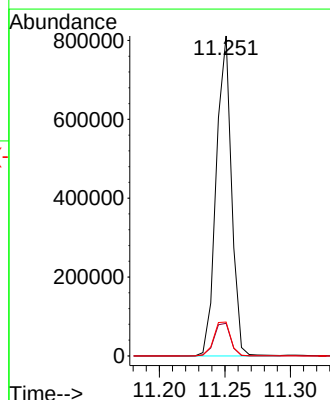
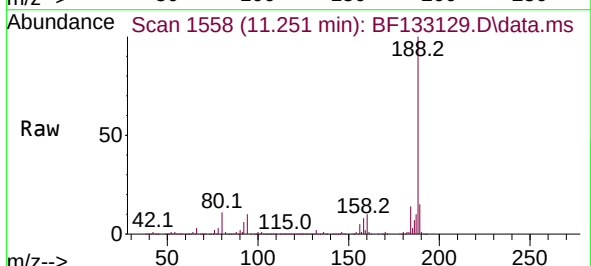
Tgt Ion:188 Resp: 657726

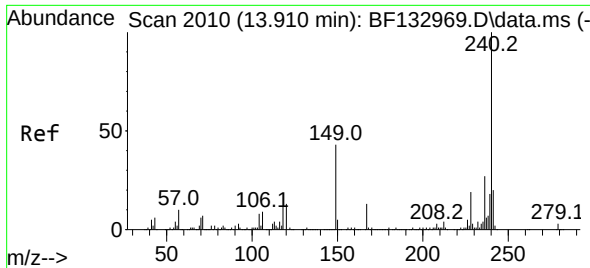
Ion Ratio Lower Upper

188 100

94 10.2 9.7 14.5

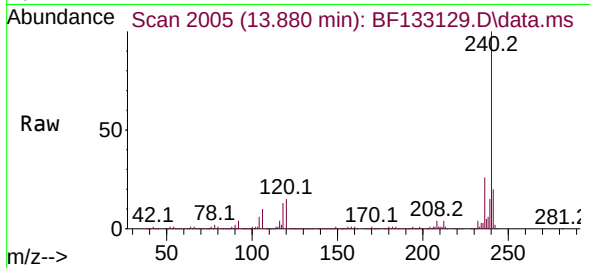
80 10.6 10.4 15.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

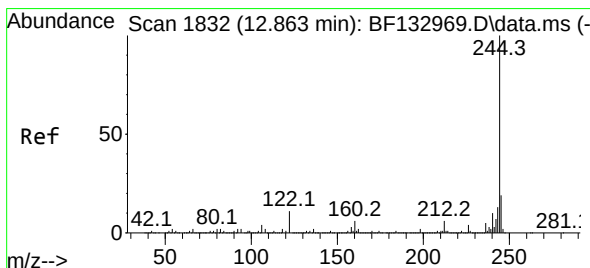
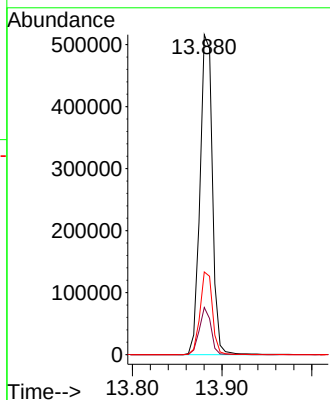
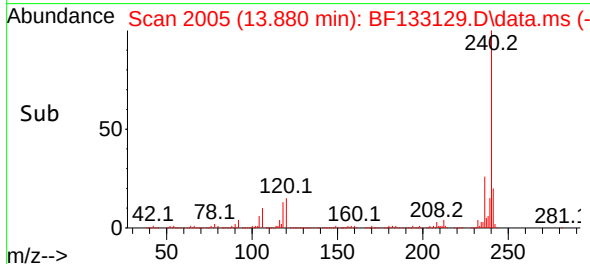
Instrument :
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ClientSampleId :
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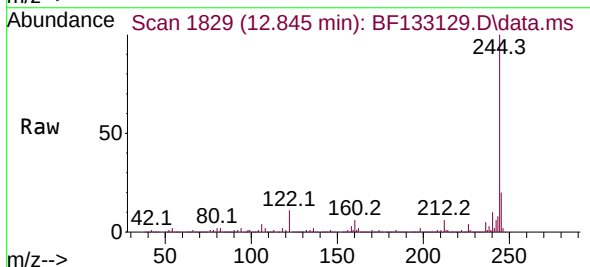
Tgt Ion:240 Resp: 494629
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 25.9 21.5 32.3

Manual Integrations
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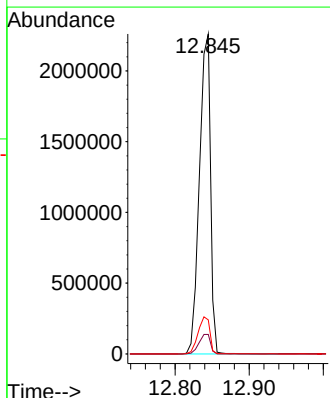
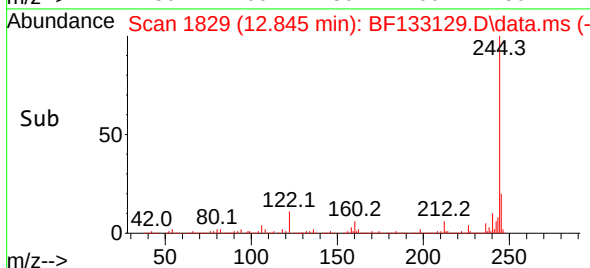
Reviewed By :Christian Giraldo 05/01/2023
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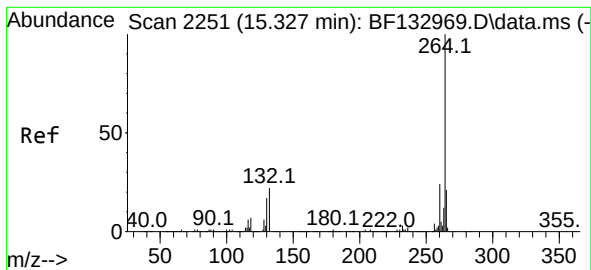


#79
Terphenyl-d14
Concen: 81.897 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22



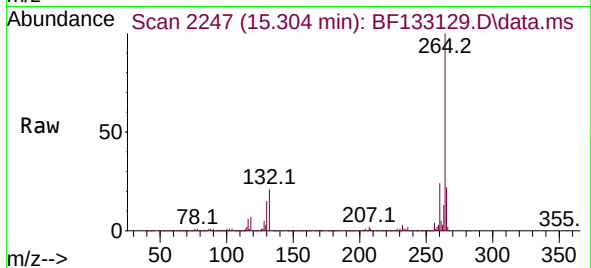
Tgt Ion:244 Resp: 2348782
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 10.6 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Instrument :
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Tgt Ion:264 Resp: 402438
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.8 17.0 25.4

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