

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126641.D
 Acq On : 24 Jan 2022 16:17
 Operator : CG/JU
 Sample : N1224-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-2-COMPOSITE

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 03:13:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	109518	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	420832	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	232744	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	391921	20.000	ng	0.00
76) Chrysene-d12	14.145	240	281322	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	233472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	880400	105.783	ng	0.01
7) Phenol-d6	6.575	99	1084884	93.821	ng	0.00
23) Nitrobenzene-d5	7.522	82	954800	88.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	270631	124.250	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1200043	78.965	ng	0.00
79) Terphenyl-d14	13.086	244	1367347	81.522	ng	0.00
Target Compounds						
32) Benzoic acid	7.928	122	18484m	4.742	ng	Qvalue

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

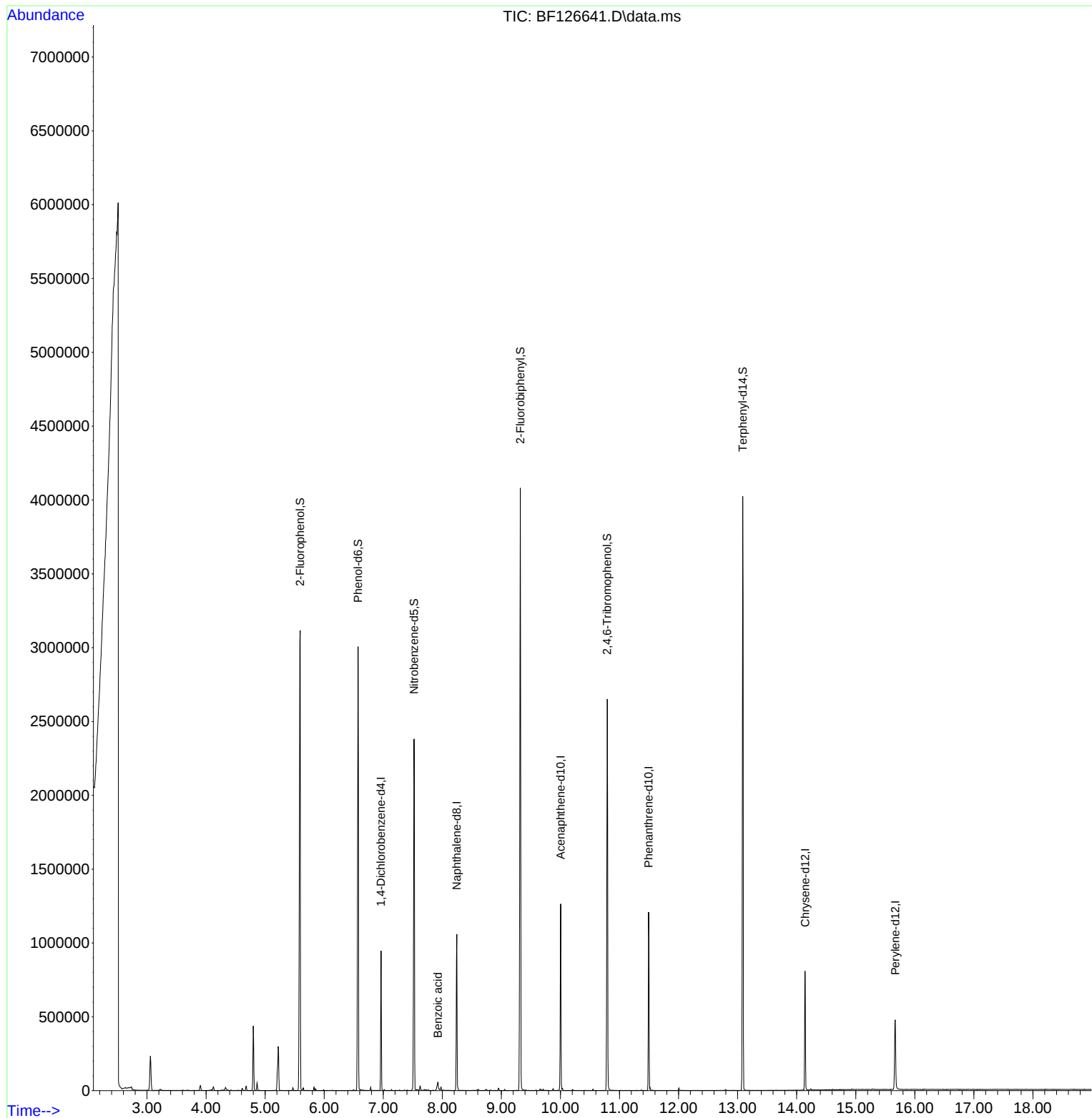
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
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QLast Update : Wed Jan 19 07:04:14 2022
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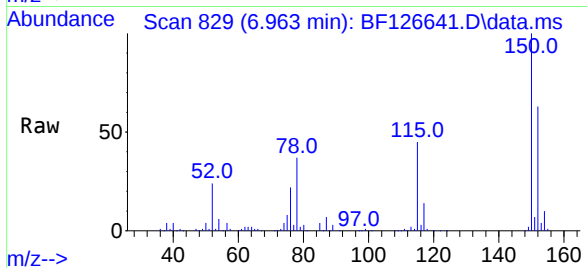
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

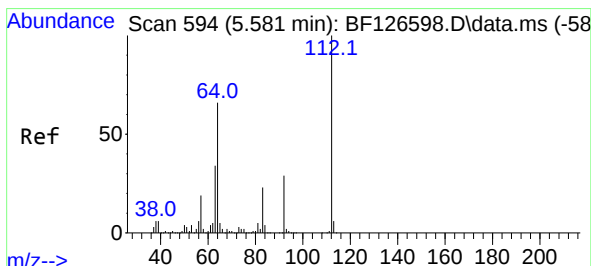
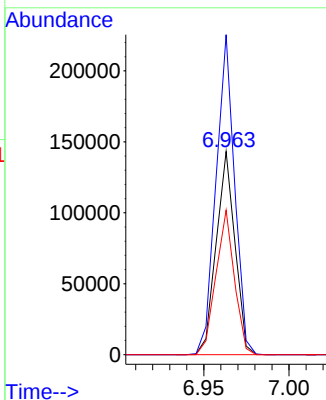
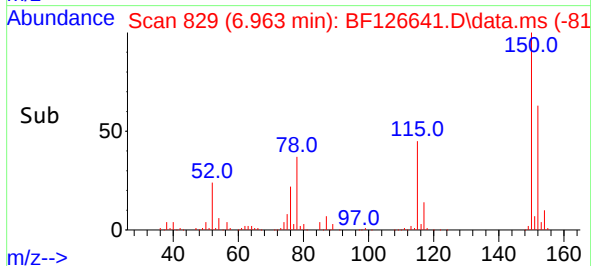
Instrument :
BNA_F
ClientSampleId :
AREA-2-COMPOSITE



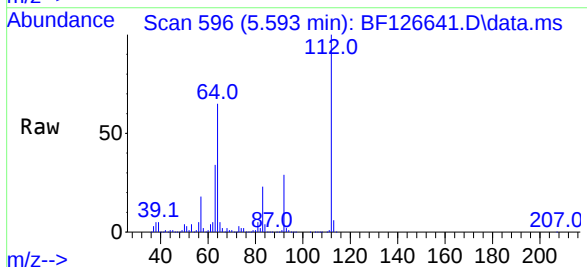
Tgt Ion:152 Resp: 109518
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 71.1 56.7 85.1

Manual Integrations
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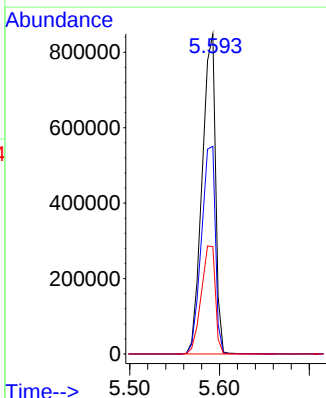
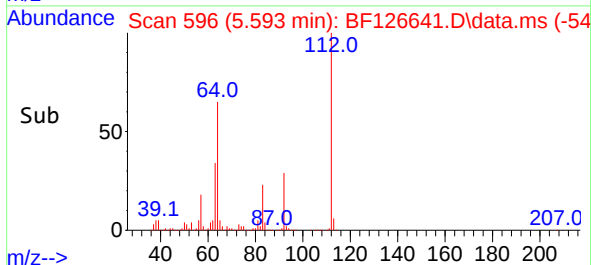
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

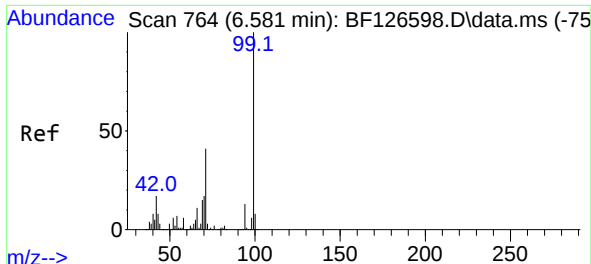


#5
2-Fluorophenol
Concen: 105.783 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17



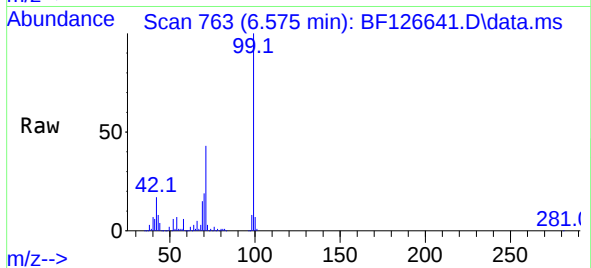
Tgt Ion:112 Resp: 880400
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 33.5 23.9 35.9





#7
Phenol-d6
Concen: 93.821 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

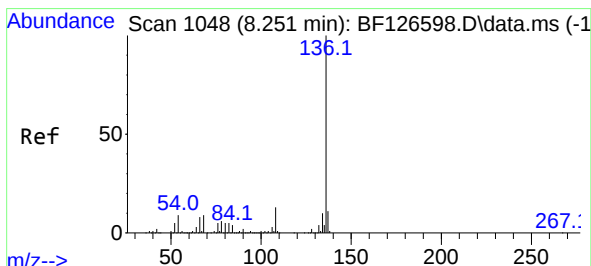
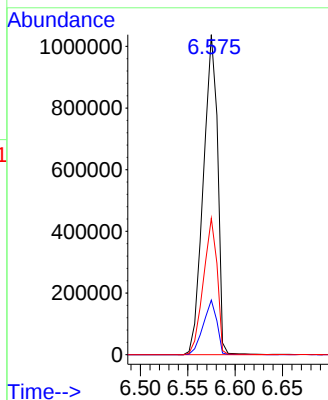
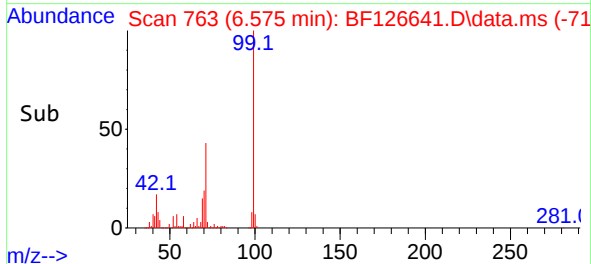
Instrument :
BNA_F
ClientSampleId :
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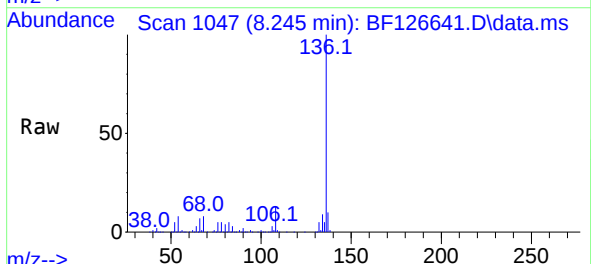
Tgt Ion: 99 Resp: 1084884
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 42.6 24.3 36.5

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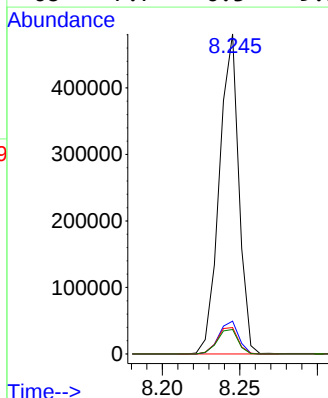
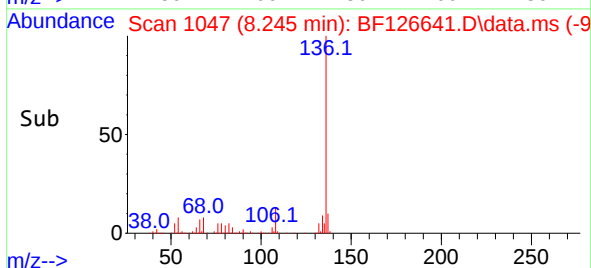
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17



Tgt Ion:136 Resp: 420832
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 7.8 11.6
68 7.7 6.3 9.5





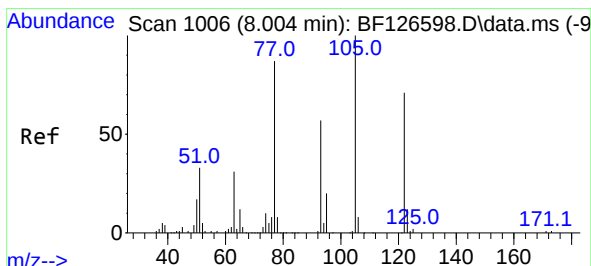
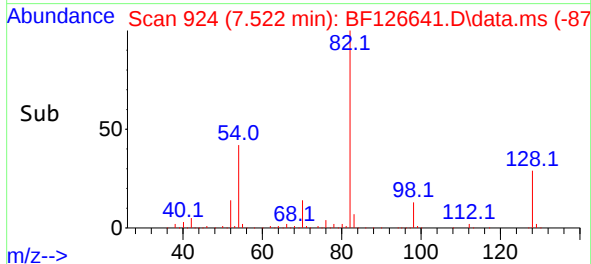
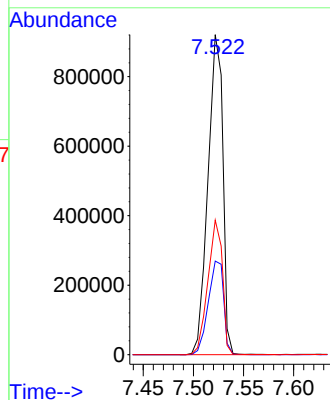
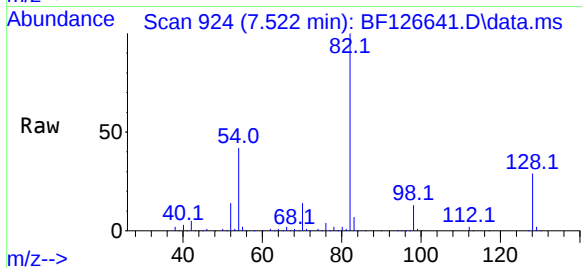
#23
Nitrobenzene-d5
Concen: 88.805 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 954800
Ion Ratio Lower Upper
82 100
128 29.3 32.7 49.1
54 42.0 41.7 62.5

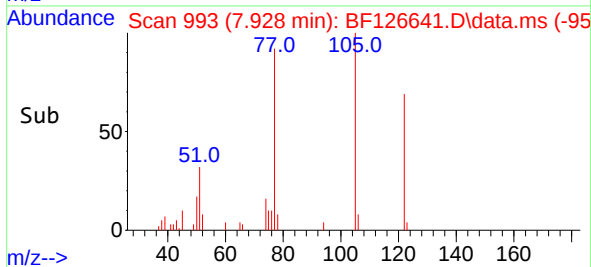
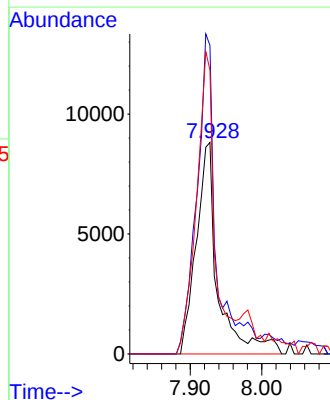
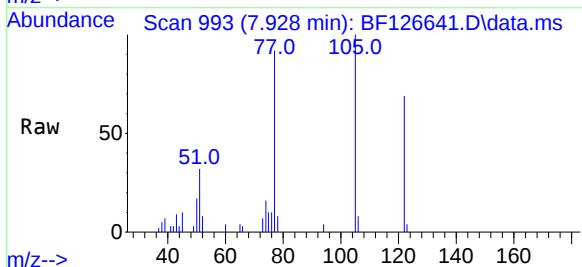
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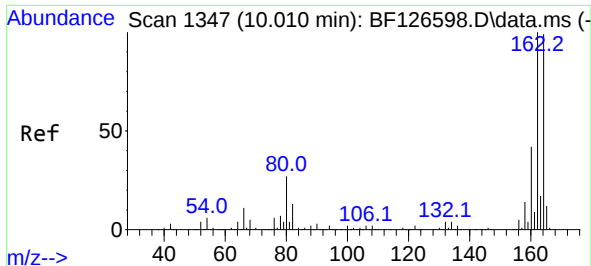
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#32
Benzoic acid
Concen: 4.742 ng m
RT: 7.928 min Scan# 993
Delta R.T. -0.076 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

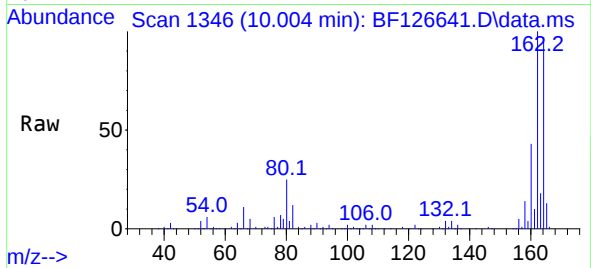
Tgt Ion:122 Resp: 18484
Ion Ratio Lower Upper
122 100
105 145.8 101.0 141.0#
77 134.2 74.5 114.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

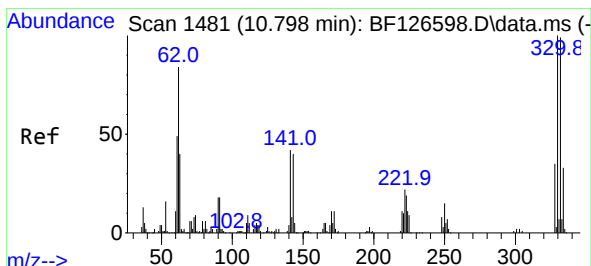
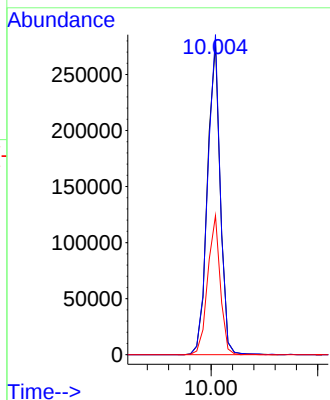
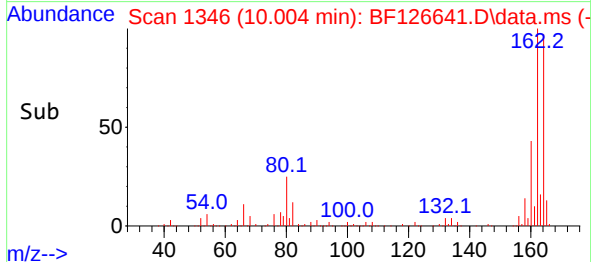
Instrument :
BNA_F
ClientSampleId :
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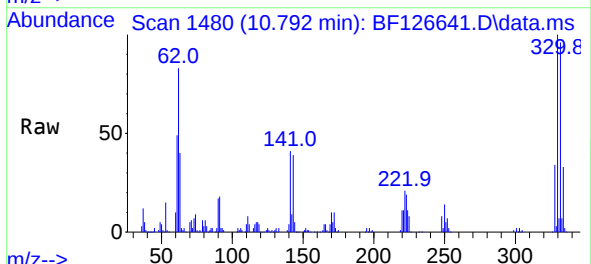
Tgt Ion:164 Resp: 232744
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.8 36.6 54.8

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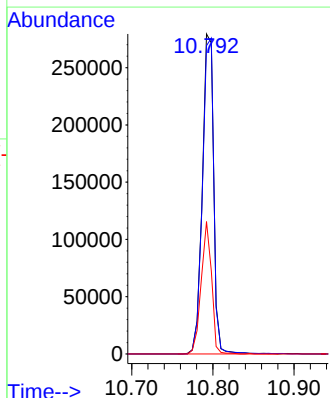
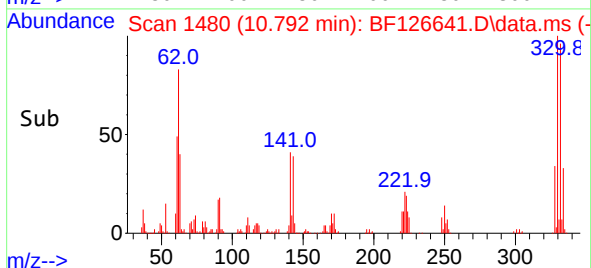
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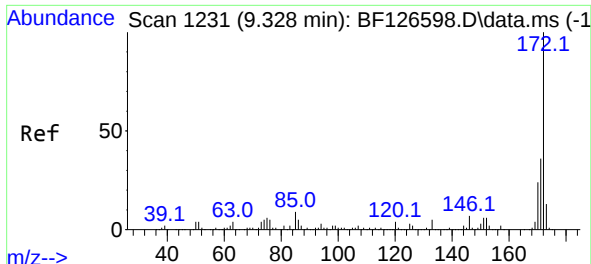


#42
2,4,6-Tribromophenol
Concen: 124.250 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17



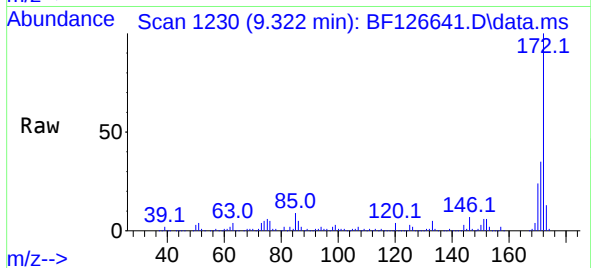
Tgt Ion:330 Resp: 270631
Ion Ratio Lower Upper
330 100
332 98.6 76.0 114.0
141 37.8 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 78.965 ng
RT: 9.322 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

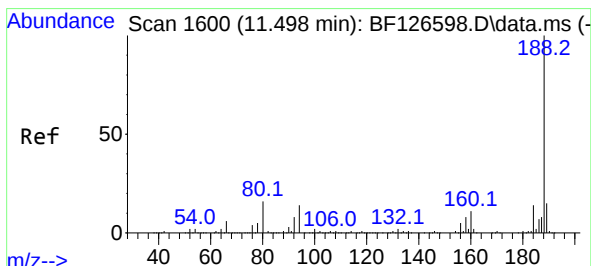
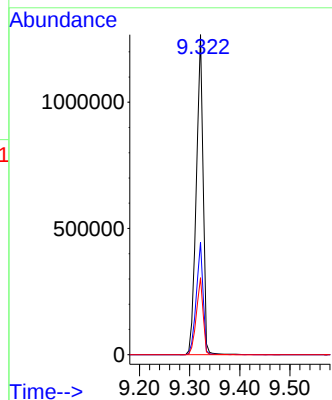
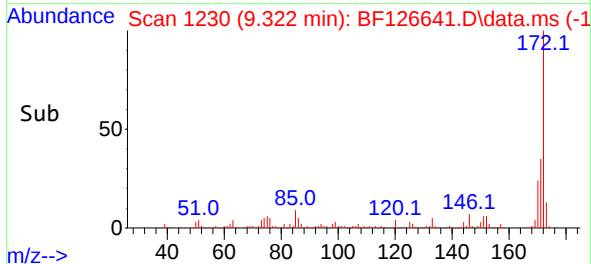
Instrument :
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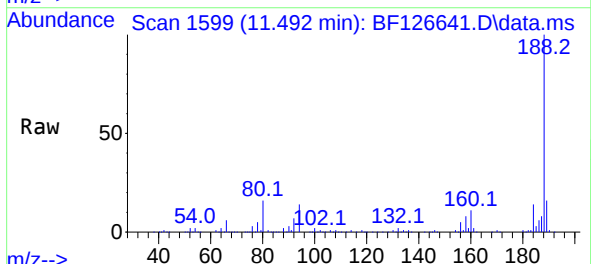
Tgt Ion:172 Resp: 120004
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.0 19.0 28.6

Manual Integrations
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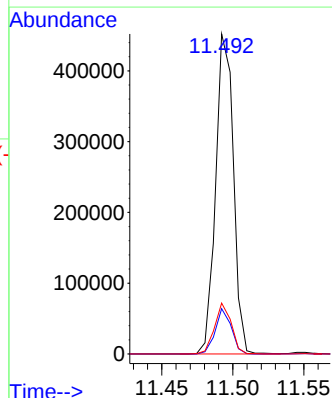
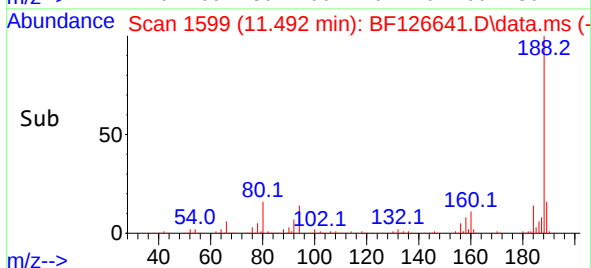
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

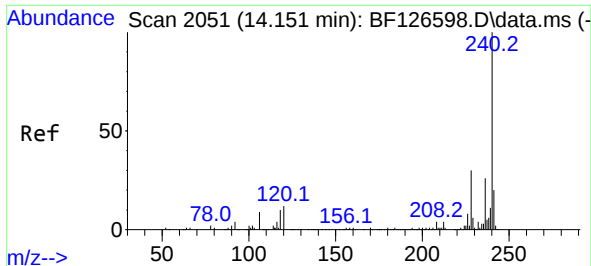


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17



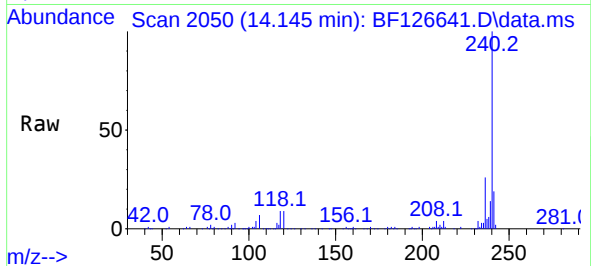
Tgt Ion:188 Resp: 391921
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.9 11.8 17.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17

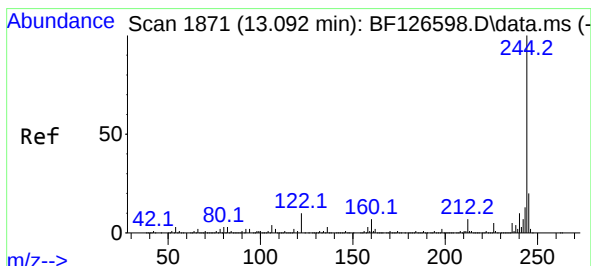
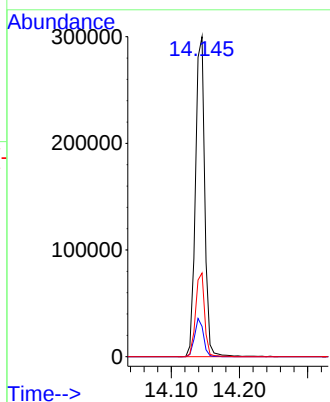
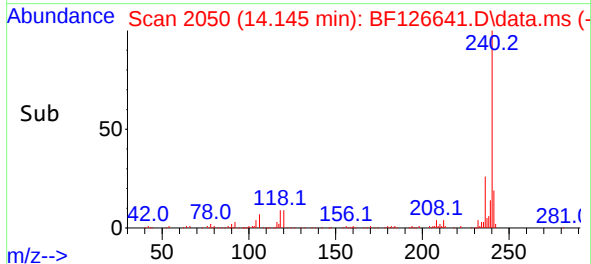
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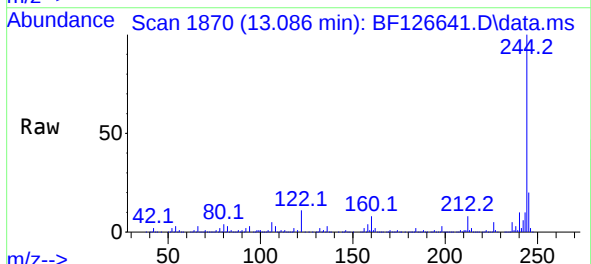
Tgt Ion:240 Resp: 281322
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 26.1 20.5 30.7

Manual Integrations
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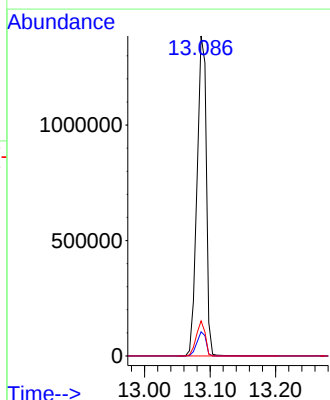
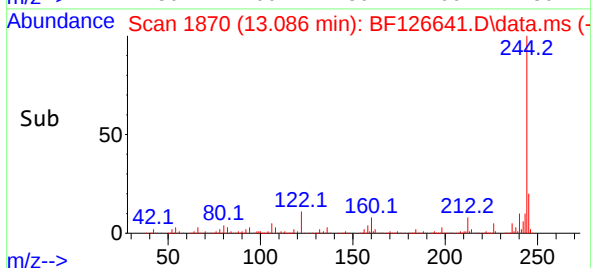
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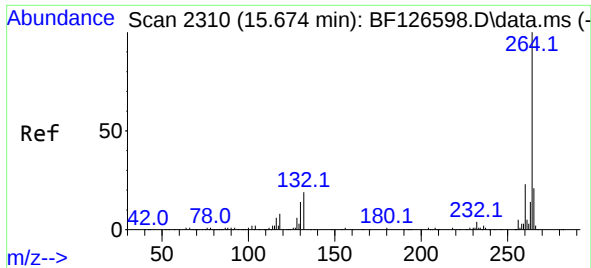


#79
Terphenyl-d14
Concen: 81.522 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126641.D
Acq: 24 Jan 2022 16:17



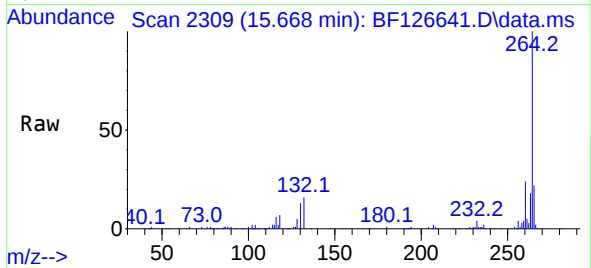
Tgt Ion:244 Resp: 1367347
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126641.D
 Acq: 24 Jan 2022 16:17

Instrument :
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Tgt Ion:264 Resp: 233472
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.4 26.2

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