

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128275.D
 Acq On : 16 May 2022 18:44
 Operator : CG\JU
 Sample : N2832-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 06:22:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	78557	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	281907	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	136906	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	226834	20.000	ng	0.00
76) Chrysene-d12	14.063	240	181826	20.000	ng	0.00
86) Perylene-d12	15.557	264	120583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	299734	60.824	ng	0.00
7) Phenol-d6	6.516	99	380612	58.395	ng	-0.01
23) Nitrobenzene-d5	7.445	82	258531	41.265	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	81193	51.711	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	374943	42.852	ng	-0.01
79) Terphenyl-d14	12.998	244	363820	37.546	ng	-0.01
Target Compounds						
75) Fluoranthene	12.633	202	27721	2.264	ng	97
78) Pyrene	12.863	202	29677	2.251	ng	99
88) Benzo(b)fluoranthene	15.116	252	19202m	2.569	ng	

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

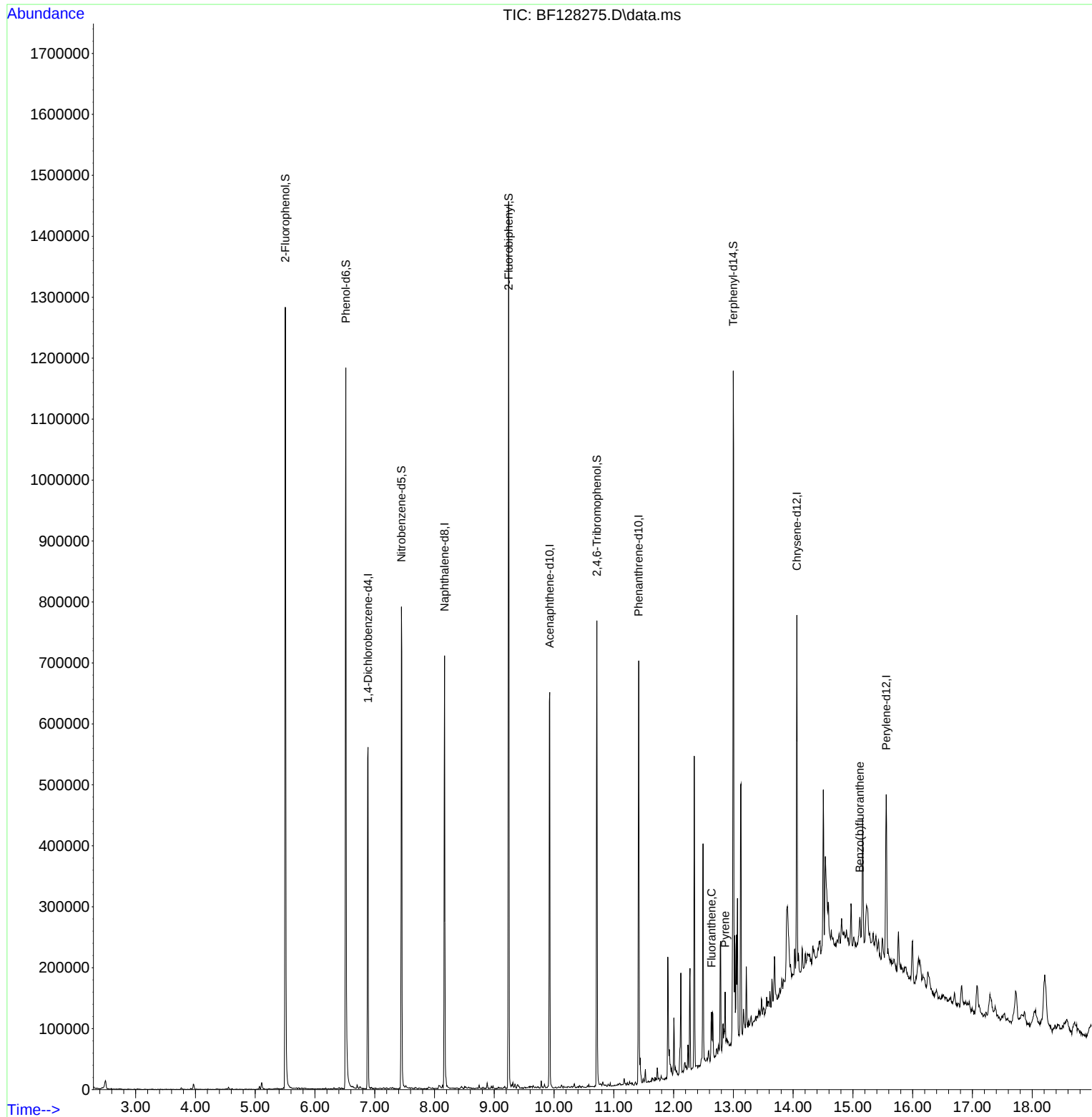
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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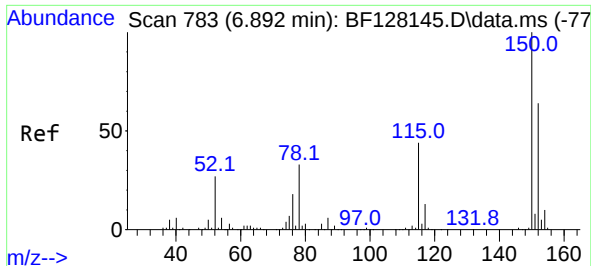
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Quant Time: May 17 06:22:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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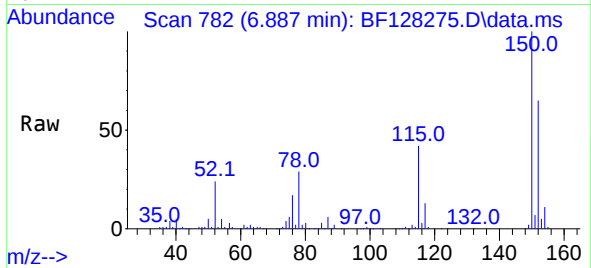
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

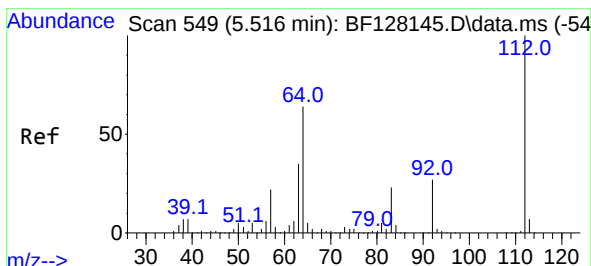
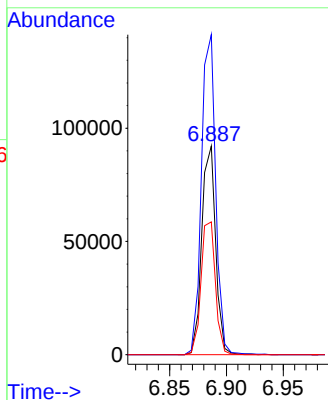
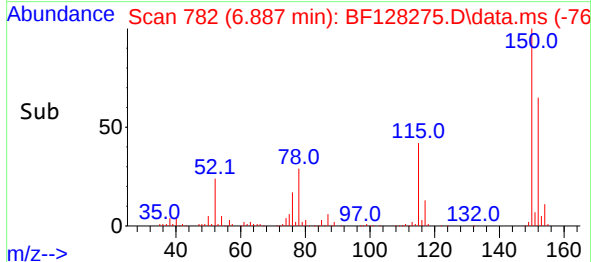
Instrument :
BNA_F
ClientSampleId :
SB13



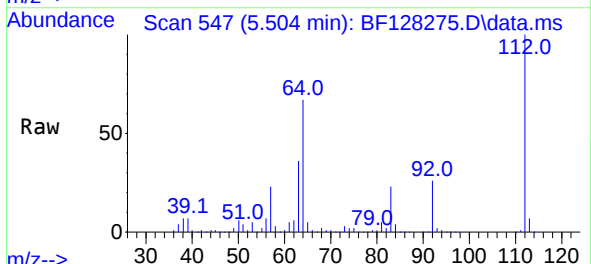
Tgt Ion:152 Resp: 7855
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 63.7 48.8 73.2

Manual Integrations
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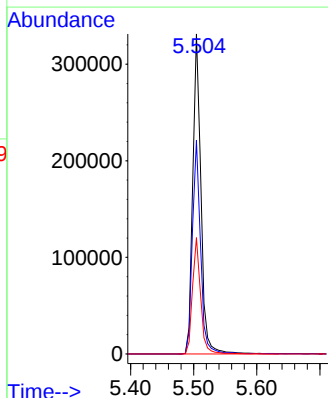
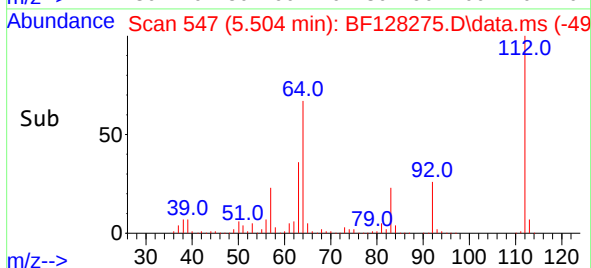
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#5
2-Fluorophenol
Concen: 60.824 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44



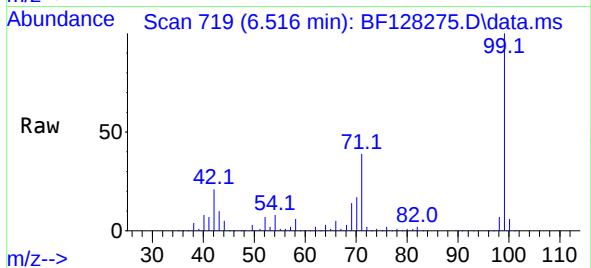
Tgt Ion:112 Resp: 299734
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 36.4 26.3 39.5





#7
Phenol-d6
Concen: 58.395 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

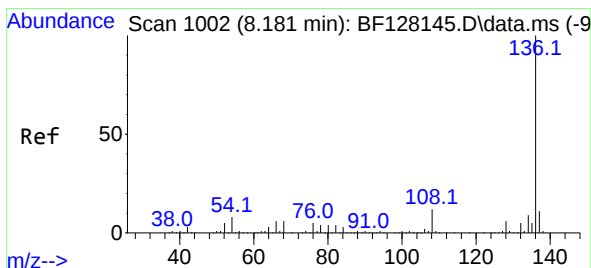
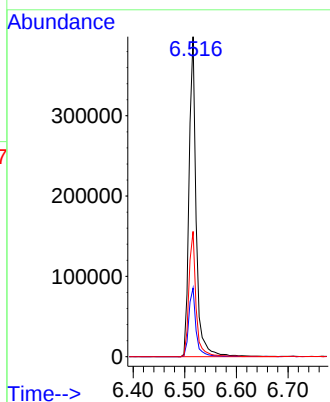
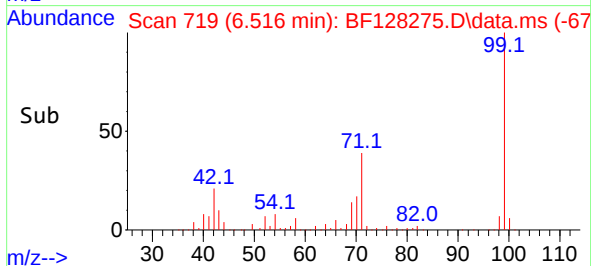
Instrument :
BNA_F
ClientSampleId :
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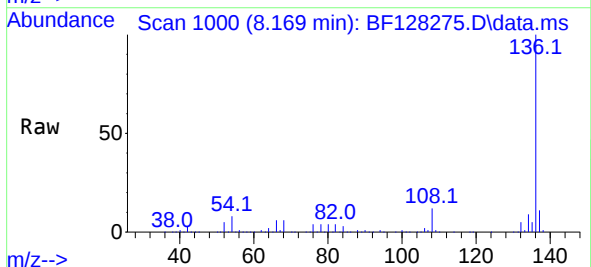
Tgt Ion: 99 Resp: 380612
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.2 30.0 45.0

Manual Integrations
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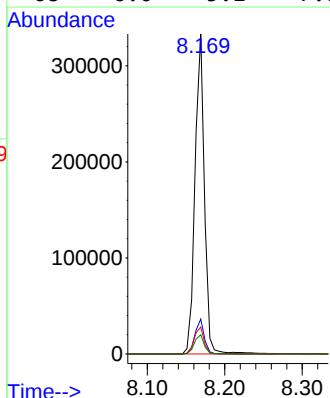
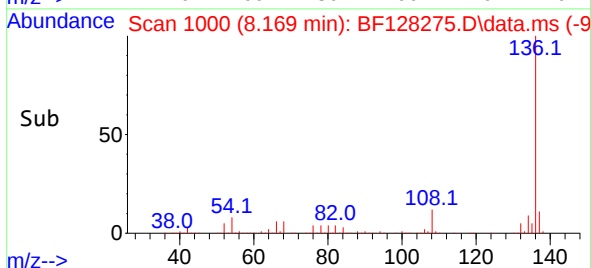
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

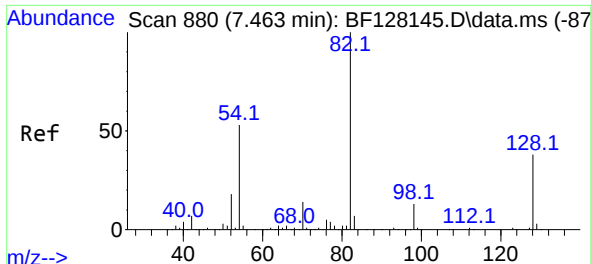


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44



Tgt Ion:136 Resp: 281907
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.8 10.2
68 6.0 5.1 7.7





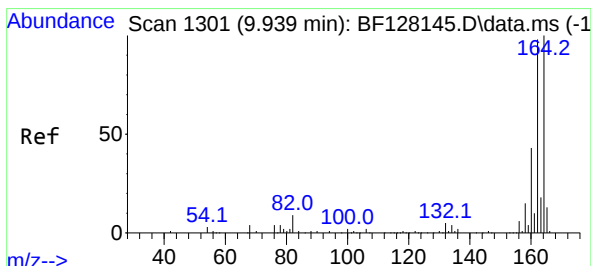
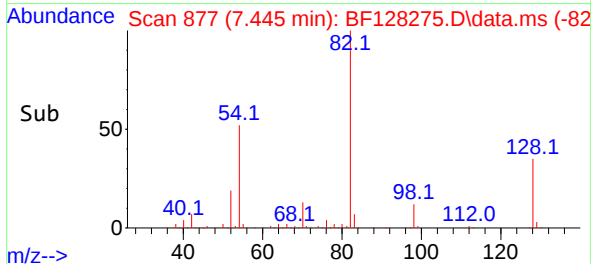
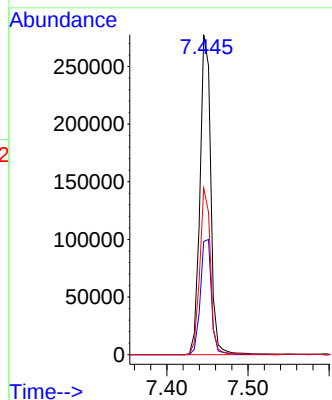
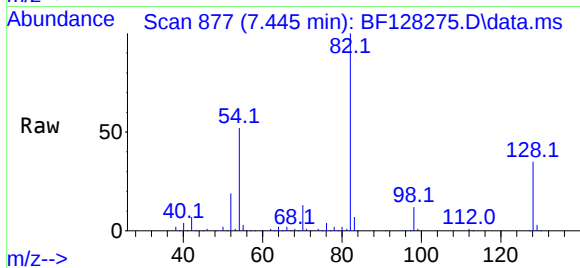
#23
Nitrobenzene-d5
Concen: 41.265 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 82 Resp: 25853
Ion Ratio Lower Upper
82 100
128 35.4 30.0 45.0
54 52.0 41.3 61.9

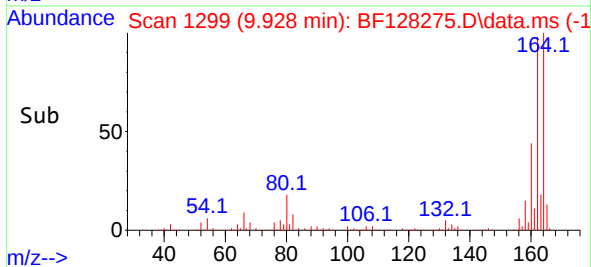
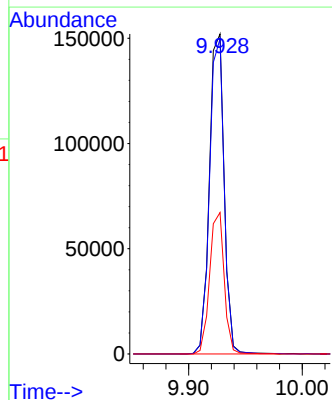
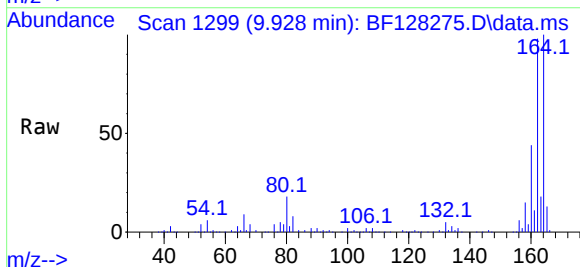
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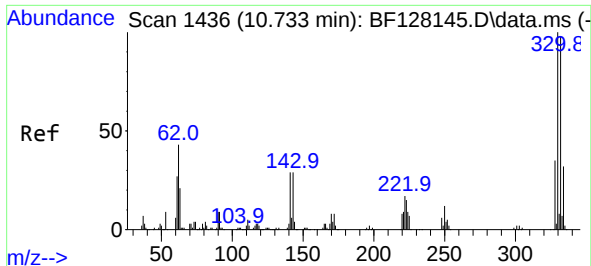
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion:164 Resp: 136906
Ion Ratio Lower Upper
164 100
162 98.5 76.0 114.0
160 44.2 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 51.711 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

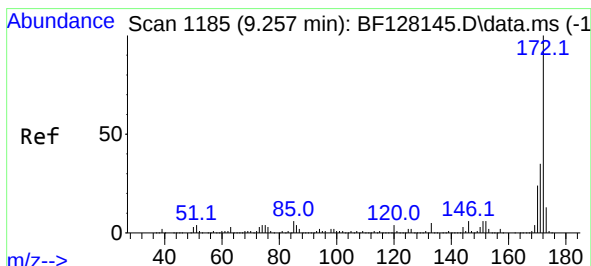
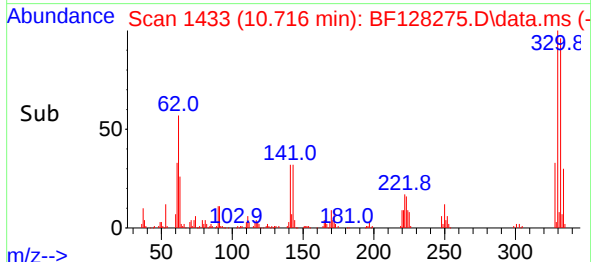
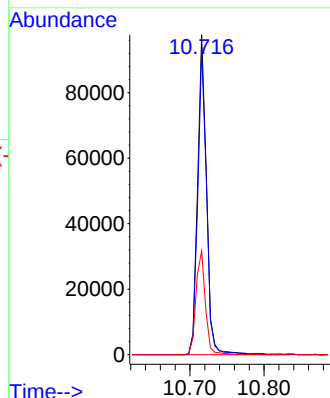
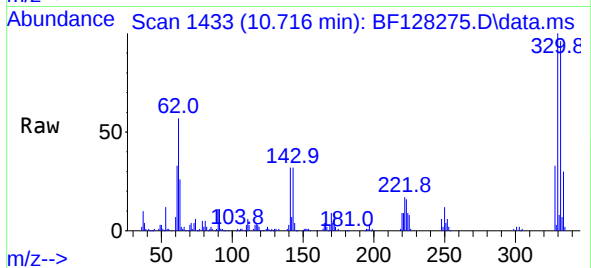
SB13

Tgt Ion: 330 Resp: 8119
Ion Ratio Lower Upper
330 100
332 94.6 79.0 118.4
141 34.2 28.9 43.3

Manual Integrations

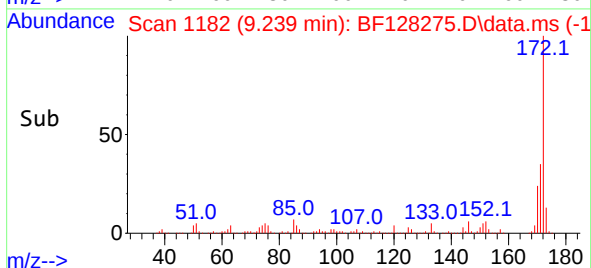
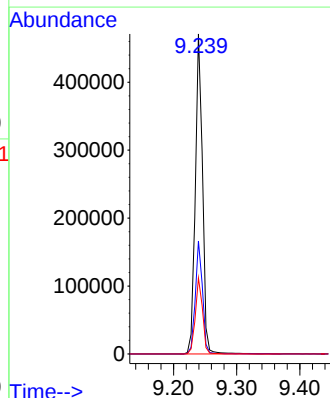
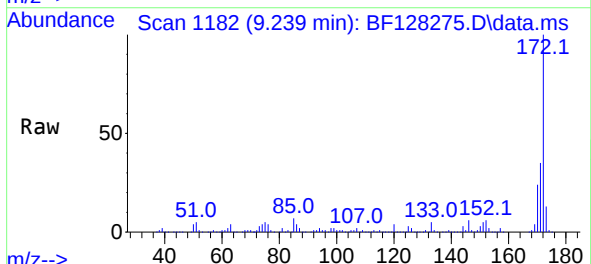
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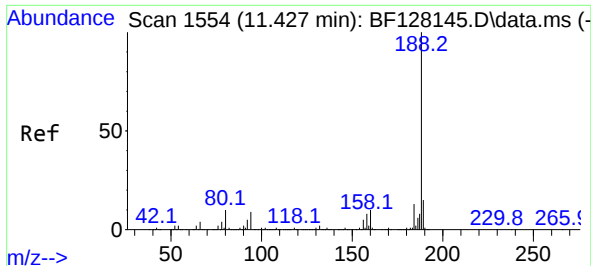
Reviewed By : Christian Giraldo 05/17/2022
Supervised By : Jagrut Upadhyay 05/17/2022



#45
2-Fluorobiphenyl
Concen: 42.852 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion: 172 Resp: 374943
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7





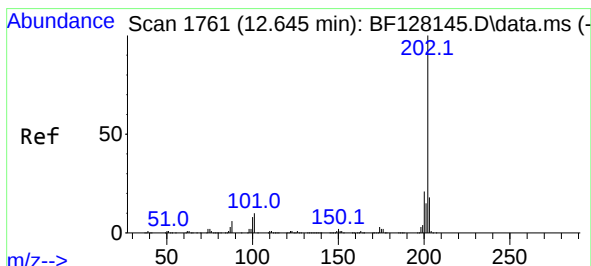
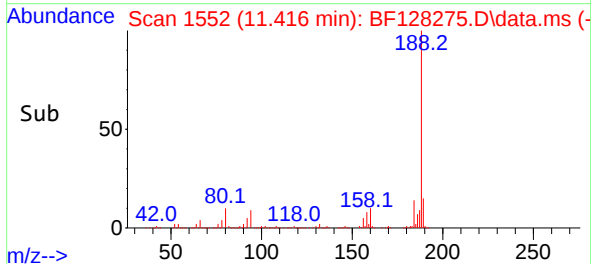
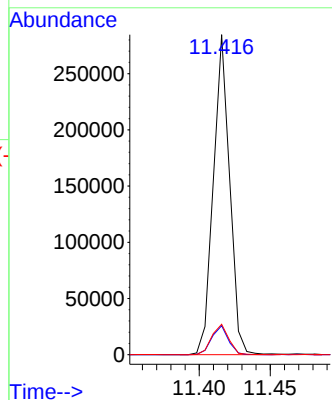
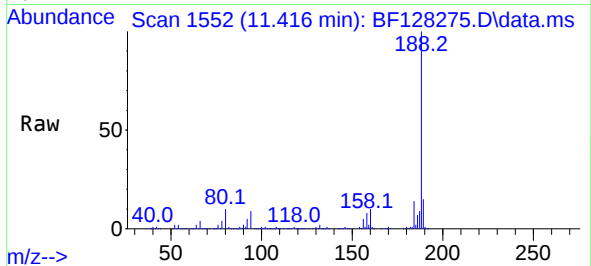
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

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ClientSampleId :
SB13

Tgt Ion:188 Resp: 226834
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.5 8.9 13.3

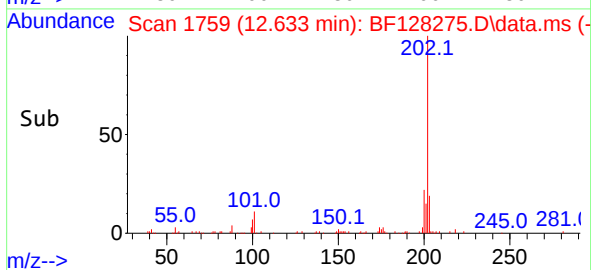
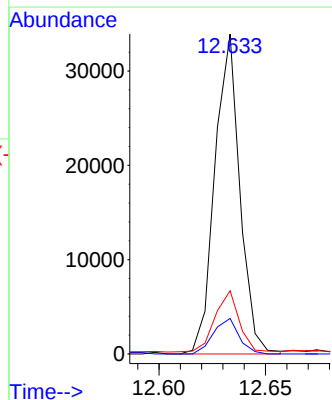
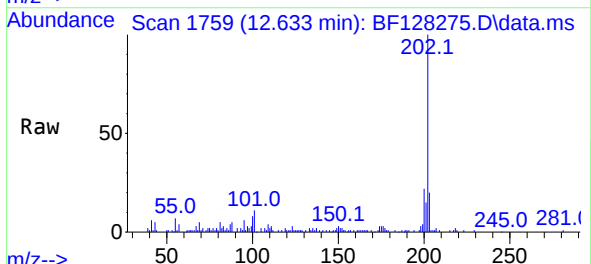
Manual Integrations
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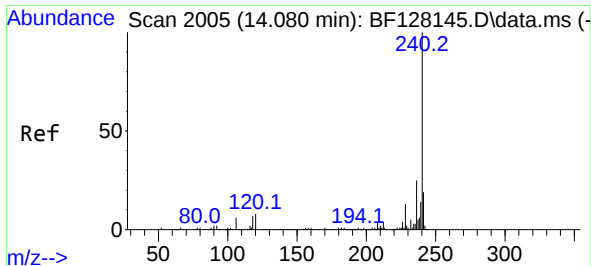
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#75
Fluoranthene
Concen: 2.264 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

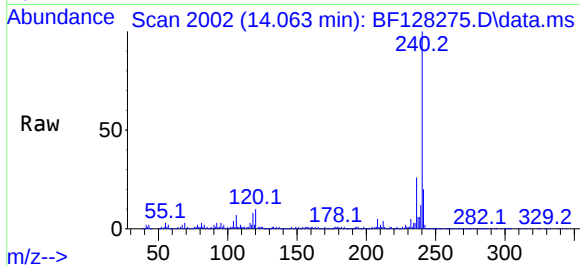
Tgt Ion:202 Resp: 27721
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 19.7 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

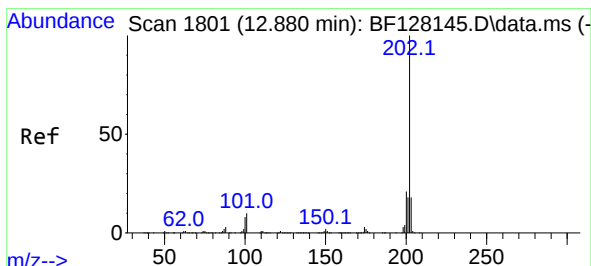
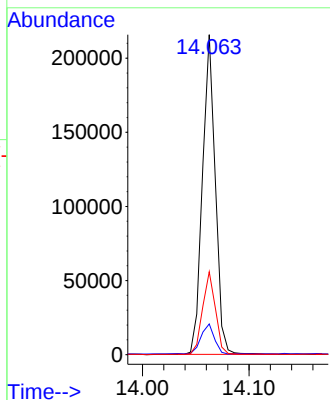
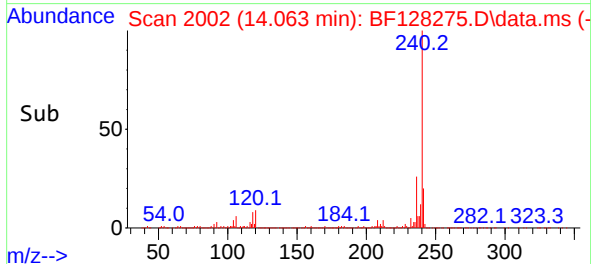
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SB13



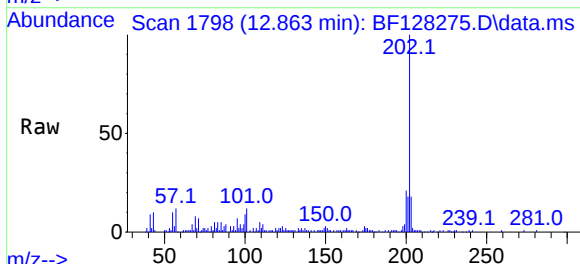
Tgt Ion:240 Resp: 181820
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.9 20.3 30.5

Manual Integrations
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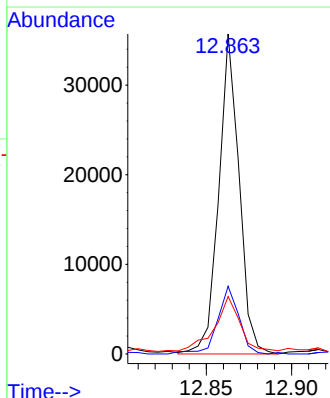
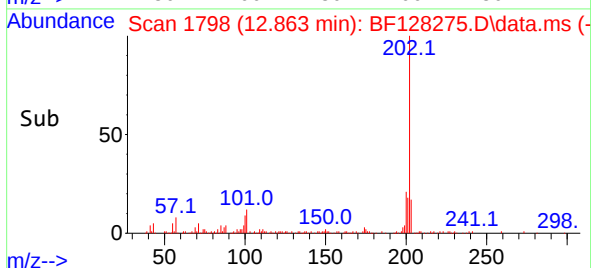
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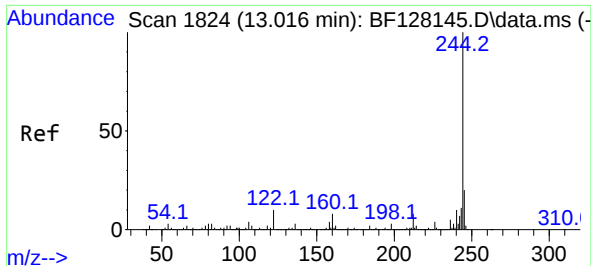


#78
Pyrene
Concen: 2.251 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44



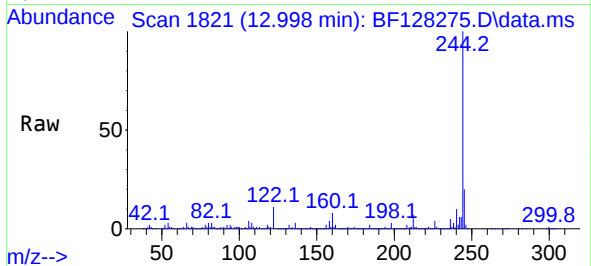
Tgt Ion:202 Resp: 29677
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 37.546 ng
 RT: 12.998 min Scan# 1824
 Delta R.T. -0.012 min
 Lab File: BF128275.D
 Acq: 16 May 2022 18:44

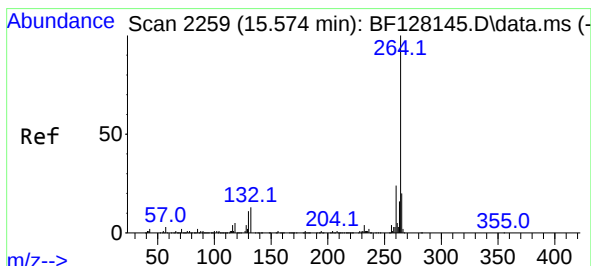
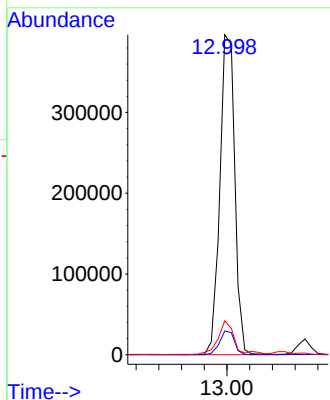
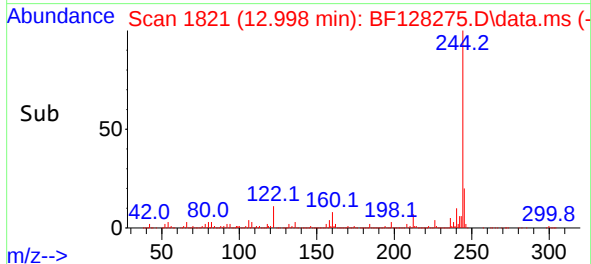
Instrument :
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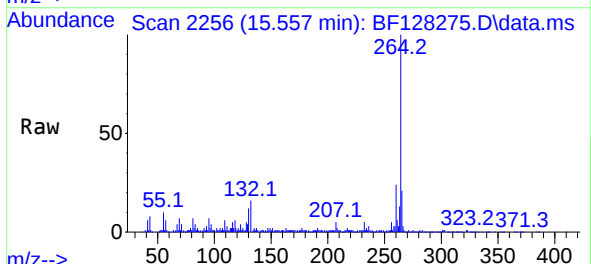
Tgt Ion:244 Resp: 363820
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.6 8.6 12.8

Manual Integrations
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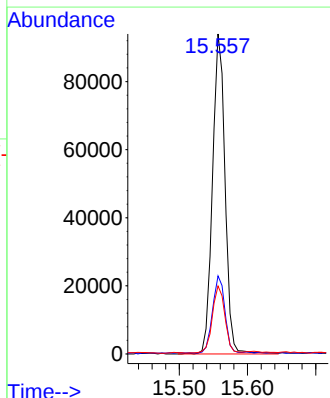
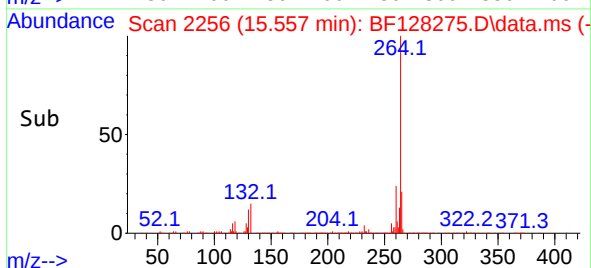
Reviewed By :Christian Giraldo 05/17/2022
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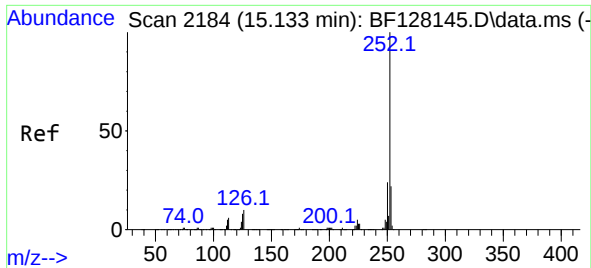


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128275.D
 Acq: 16 May 2022 18:44



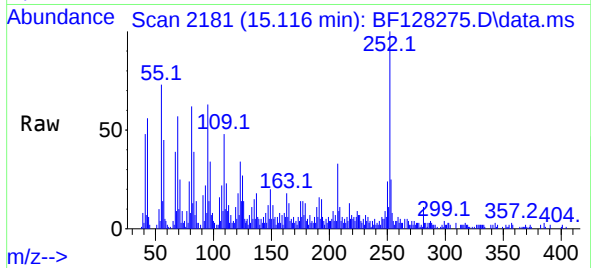
Tgt Ion:264 Resp: 120583
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.3 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.569 ng m
RT: 15.116 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Instrument :
BNA_F
ClientSampleId :
SB13



Tgt Ion:252 Resp: 1920
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 27.1 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

