

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010597.D
 Acq On : 28 May 2022 13:27
 Operator : CG/JU
 Sample : N2932-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS003-0006-01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 28 23:36:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	157692	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	631145	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	414143	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	892942	20.00	ng	0.00
76) Chrysene-d12	21.339	240	913556	20.00	ng	0.00
86) Perylene-d12	23.751	264	955692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1187025	137.32	ng	0.00
7) Phenol-d6	7.040	99	1614503	131.57	ng	0.00
23) Nitrobenzene-d5	9.028	82	1098612	82.30	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	674855	143.96	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2215749	75.93	ng	0.00
79) Terphenyl-d14	19.816	244	3582749	73.66	ng	0.00
Target Compounds						Qvalue
90) Benzo(a)pyrene	23.645	252	118956	2.39	ng	95

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

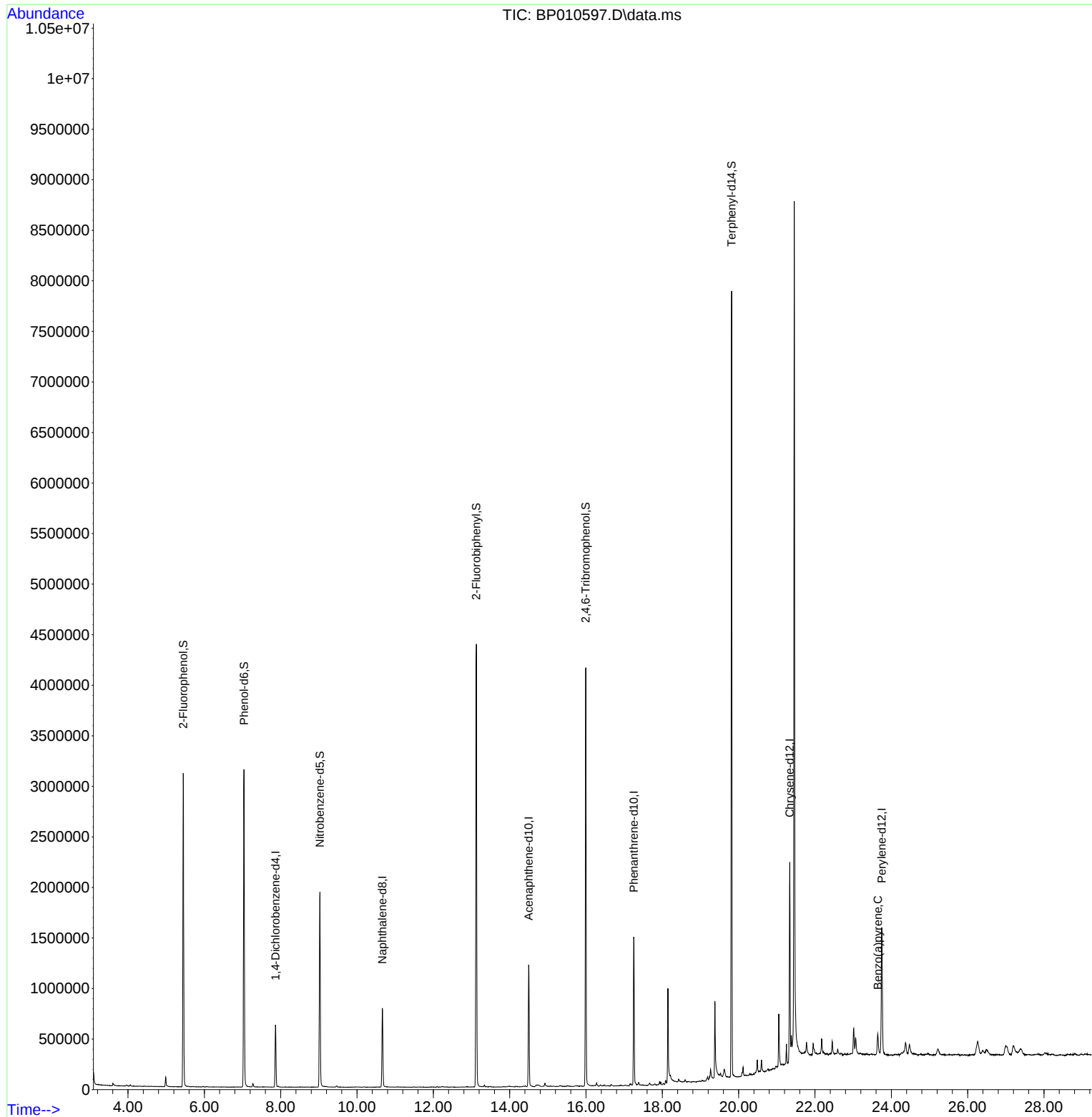
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
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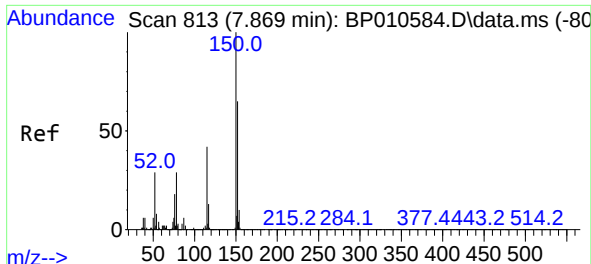
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Quant Time: May 28 23:36:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
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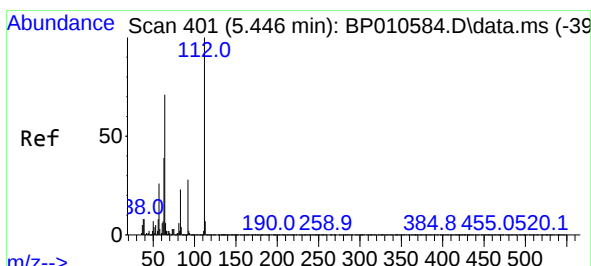
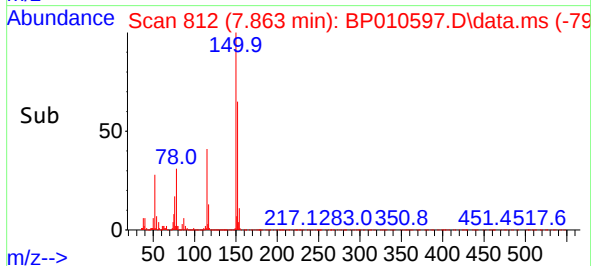
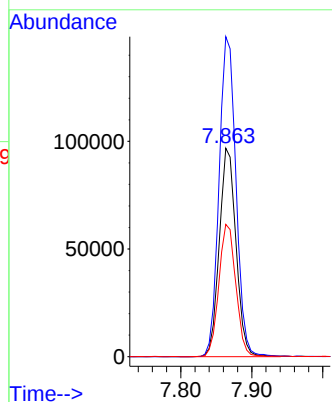
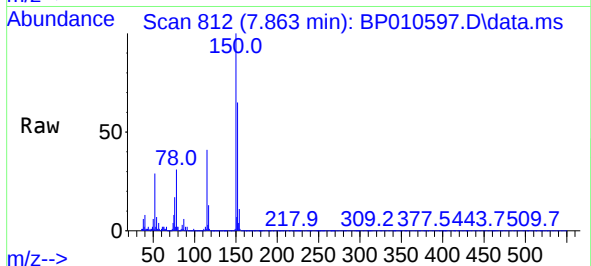
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

Tgt Ion:152 Resp: 157692
Ion Ratio Lower Upper
152 100
150 153.5 123.4 185.2
115 63.5 51.3 76.9

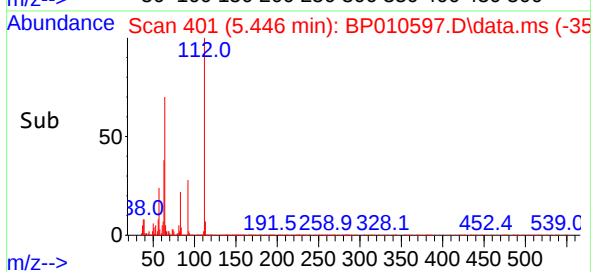
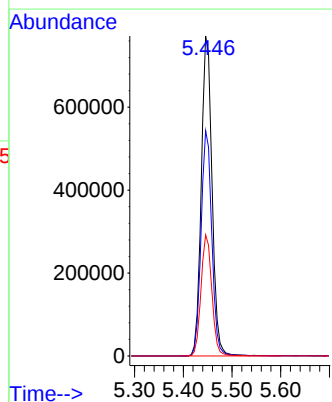
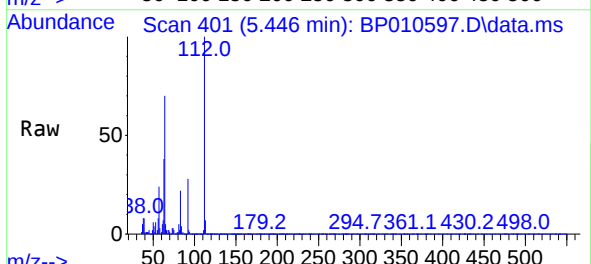
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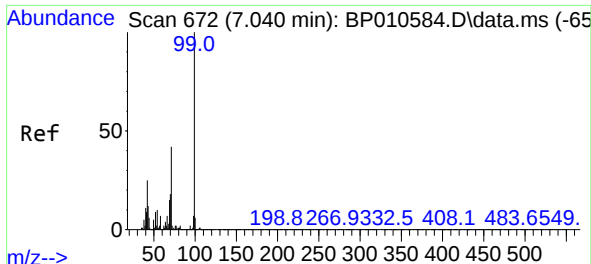
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#5
2-Fluorophenol
Concen: 137.32 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

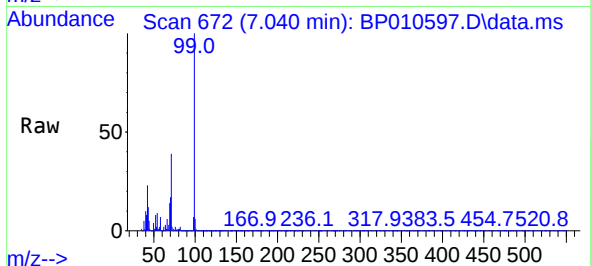
Tgt Ion:112 Resp: 1187025
Ion Ratio Lower Upper
112 100
64 70.4 56.9 85.3
63 37.9 31.2 46.8





#7
Phenol-d6
Concen: 131.57 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

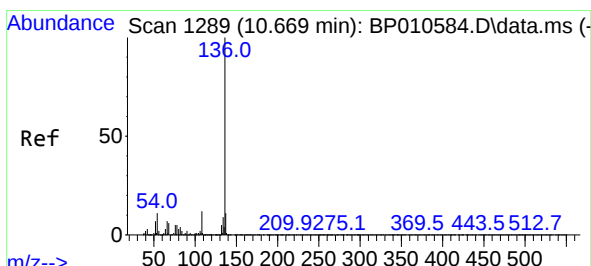
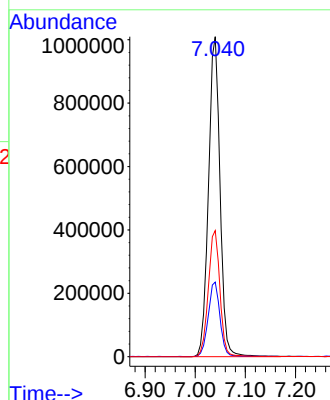
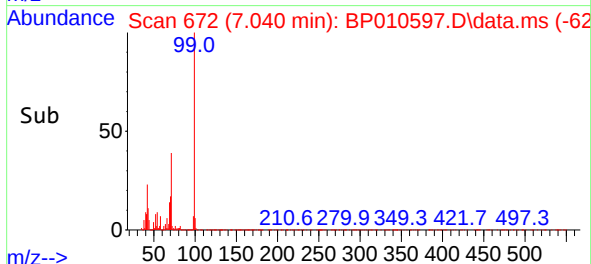
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01



Tgt Ion: 99 Resp: 161450
Ion Ratio Lower Upper
99 100
42 23.3 20.3 30.5
71 39.4 33.9 50.9

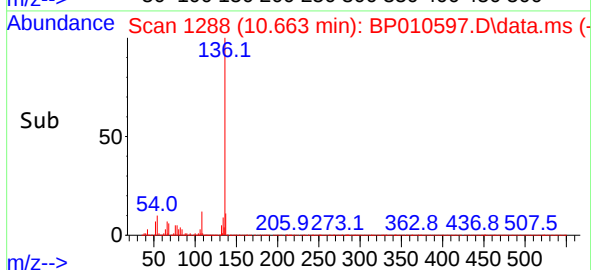
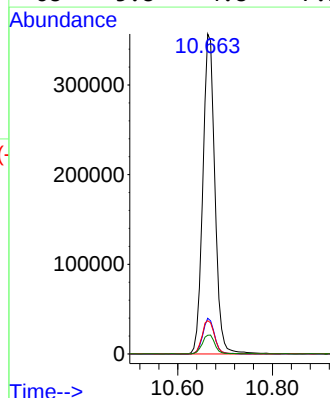
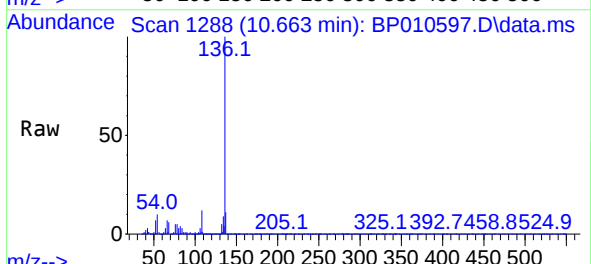
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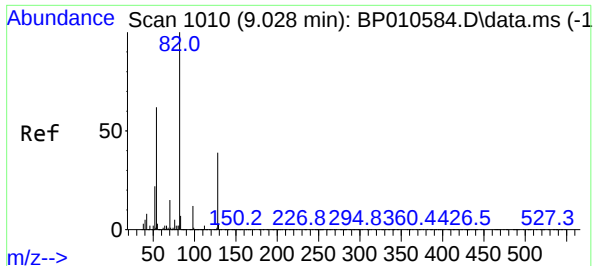
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:136 Resp: 631145
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.4 8.7 13.1
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.30 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

Instrument :

BNA_P

ClientSampleId :

P016-SS003-0006-01

Tgt Ion: 82 Resp: 109861

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

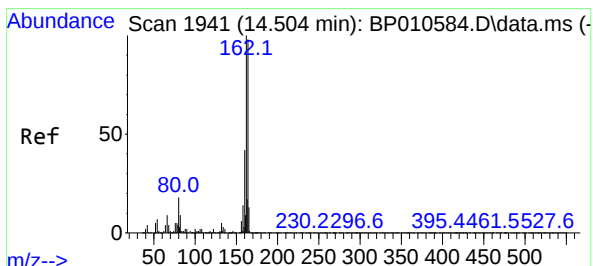
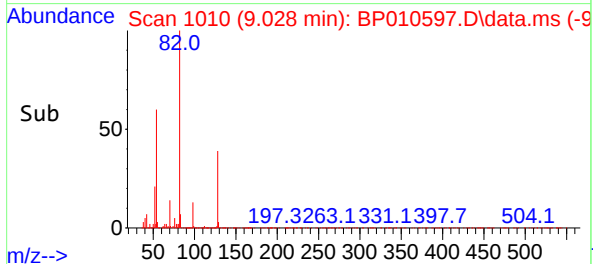
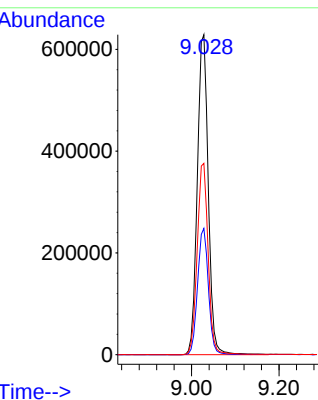
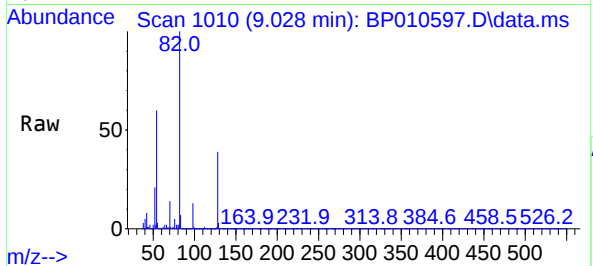
54 59.8 49.8 74.8

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

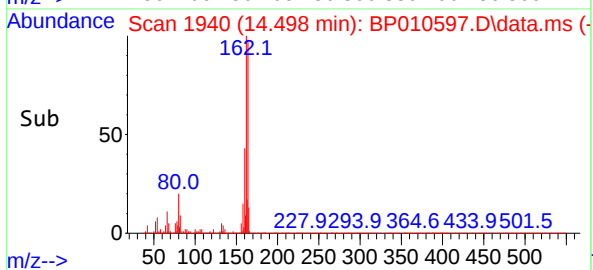
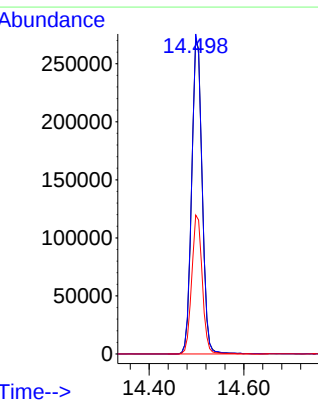
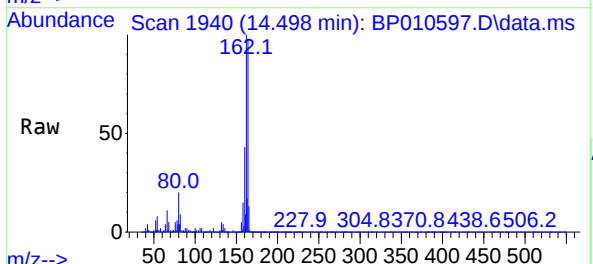
Tgt Ion:164 Resp: 414143

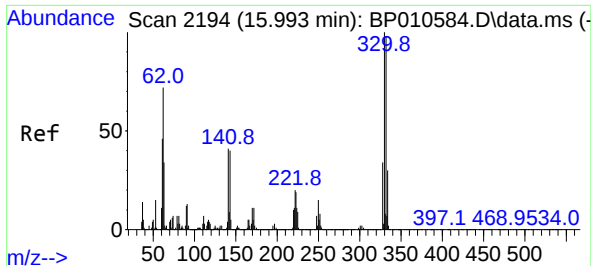
Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

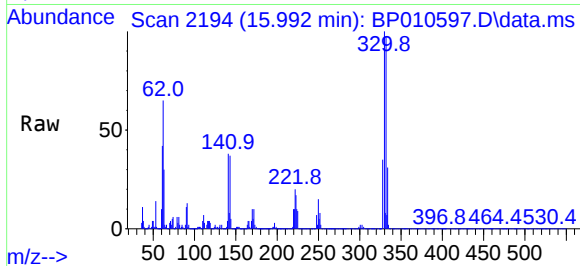
160 44.0 34.6 51.8





#42
2,4,6-Tribromophenol
Concen: 143.96 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

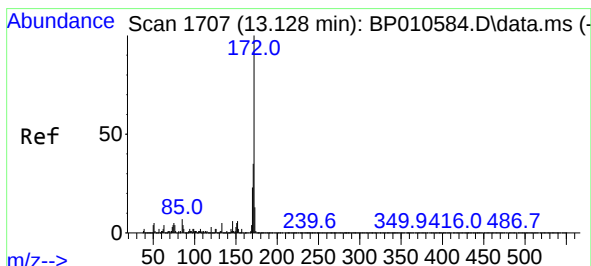
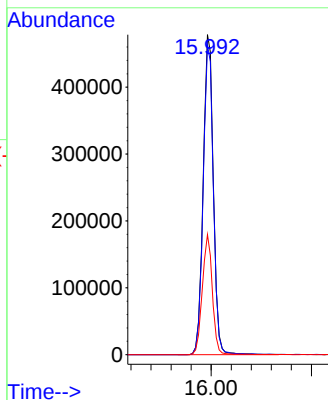
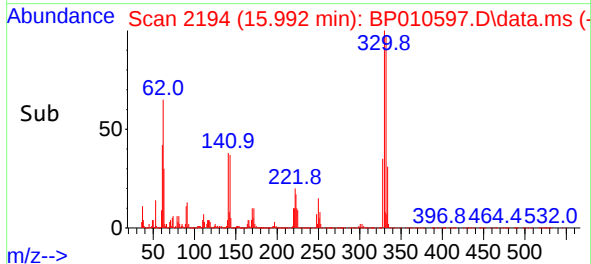
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01



Tgt Ion: 330 Resp: 67485
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 36.9 31.4 47.2

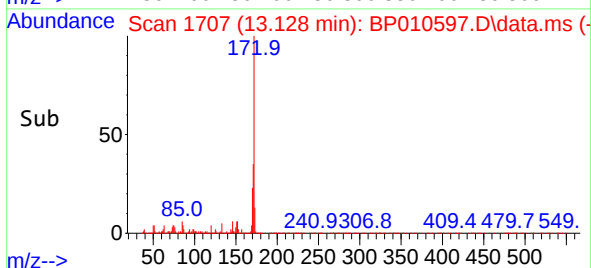
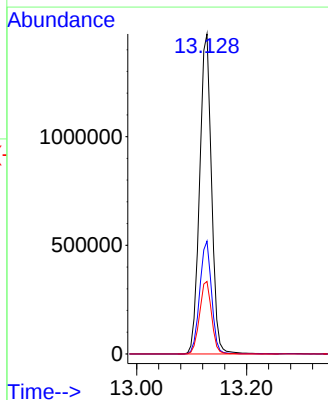
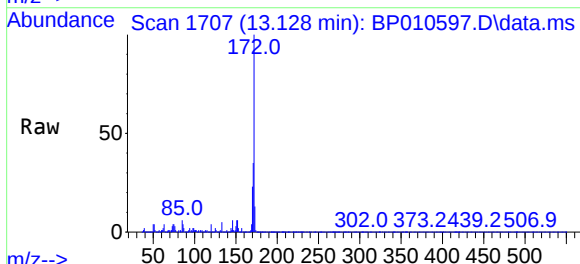
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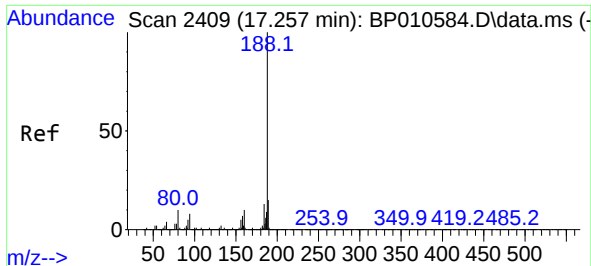
Reviewed By : Christian Giraldo 05/29/2022
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#45
2-Fluorobiphenyl
Concen: 75.93 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion: 172 Resp: 2215749
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.7 18.2 27.2





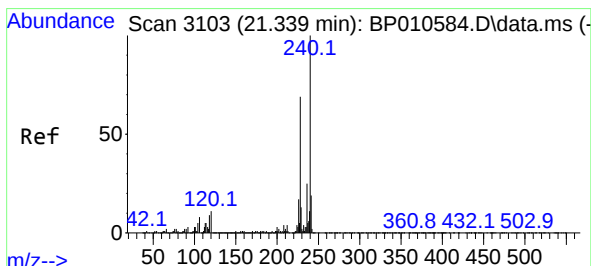
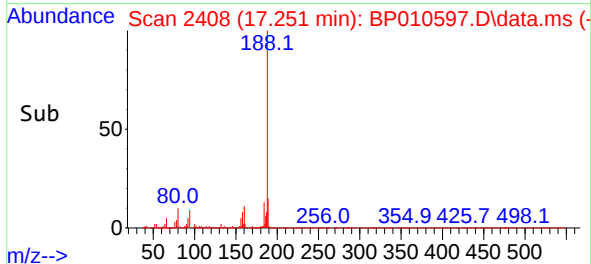
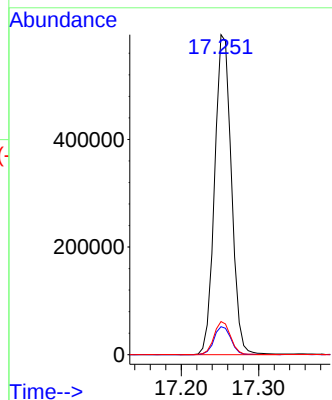
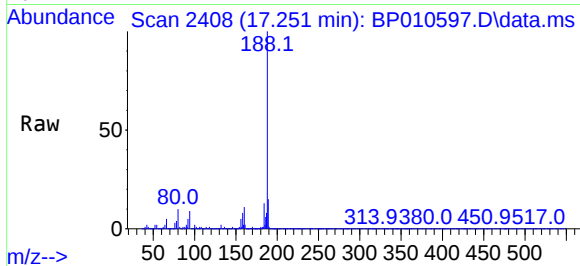
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

Tgt Ion:188 Resp: 89294
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 10.4 8.0 12.0

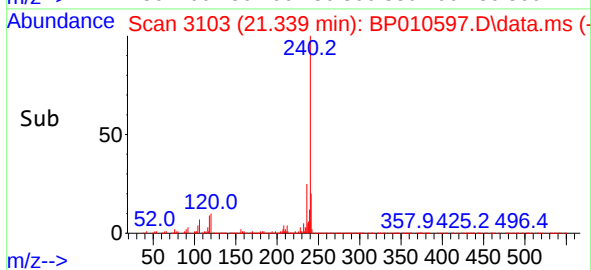
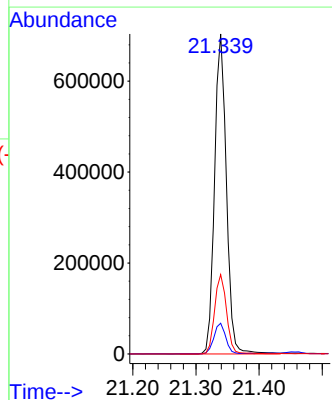
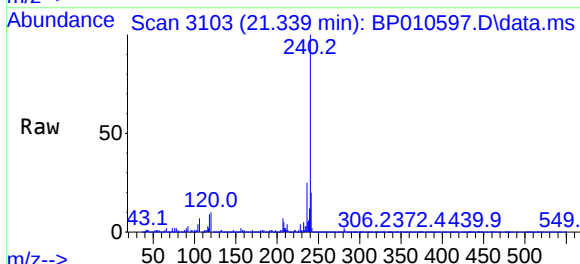
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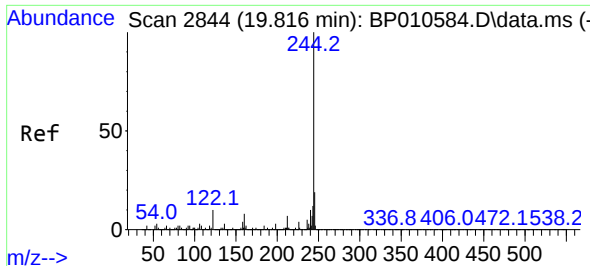
Reviewed By :Christian Giraldo 05/29/2022
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

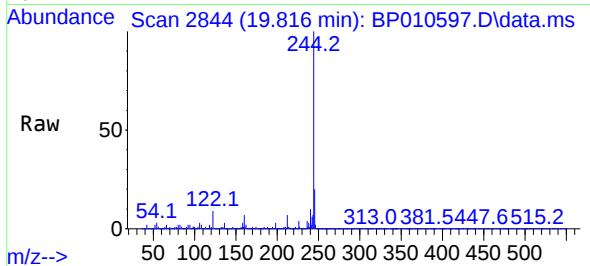
Tgt Ion:240 Resp: 913556
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 24.8 19.8 29.6





#79
 Terphenyl-d14
 Concen: 73.66 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP010597.D
 Acq: 28 May 2022 13:27

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS003-0006-01

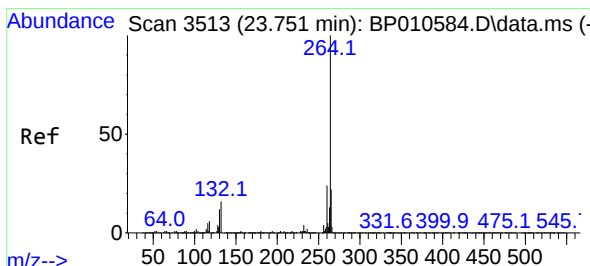
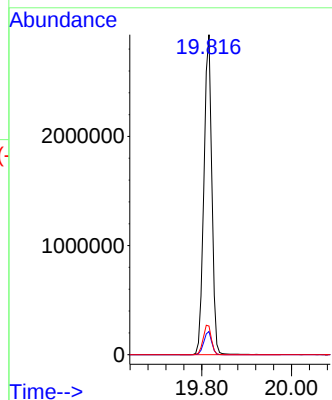
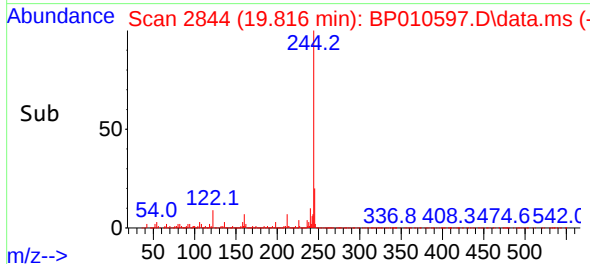


Tgt Ion:244 Resp: 3582749

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.0	7.6	11.4

Manual Integrations
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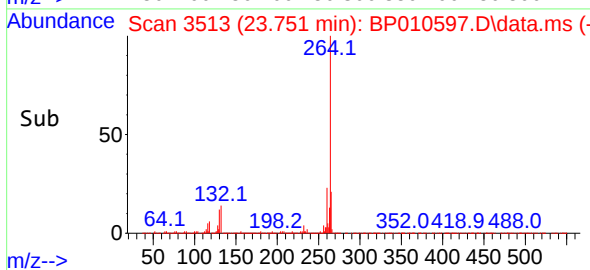
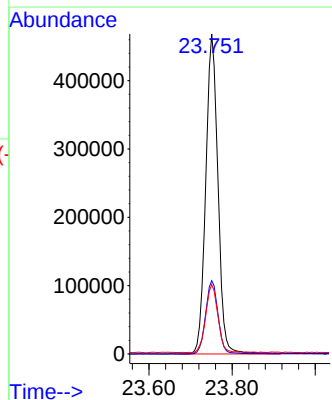
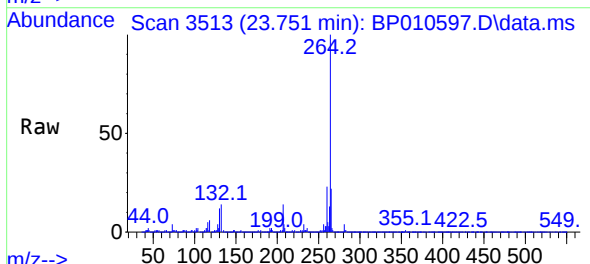
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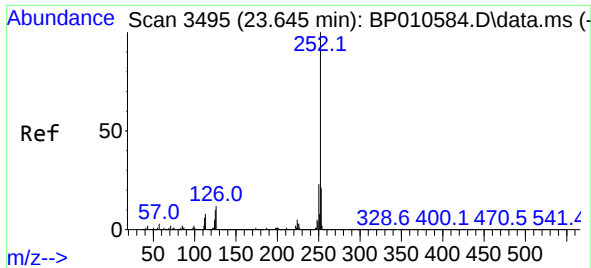


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BP010597.D
 Acq: 28 May 2022 13:27

Tgt Ion:264 Resp: 955692

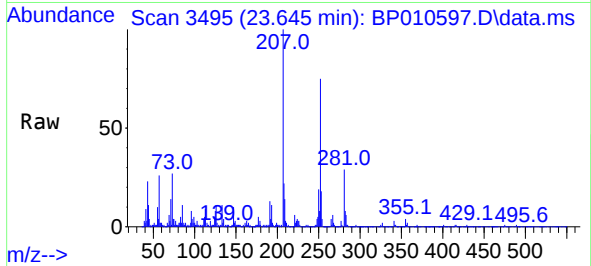
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.7	18.0	27.0





#90
Benzo(a)pyrene
Concen: 2.39 ng
RT: 23.645 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01



Tgt Ion:252 Resp: 118950
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 11.2 7.9 11.9

Manual Integrations
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