

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021493.D
 Acq On : 14 Aug 2024 09:54
 Operator : RC/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162520BL

Quant Time: Aug 14 10:52:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	390544	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1578080	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1081321	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2346802	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1780981	20.000	ng	0.00
86) Perylene-d12	25.116	264	1816903	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3820659	145.263	ng	0.00
7) Phenol-d6	6.964	99	5292008	137.927	ng	0.00
23) Nitrobenzene-d5	8.952	82	3139152	102.674	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1676482	139.304	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	6294659	88.842	ng	0.00
79) Terphenyl-d14	19.969	244	9746252	106.314	ng	0.00

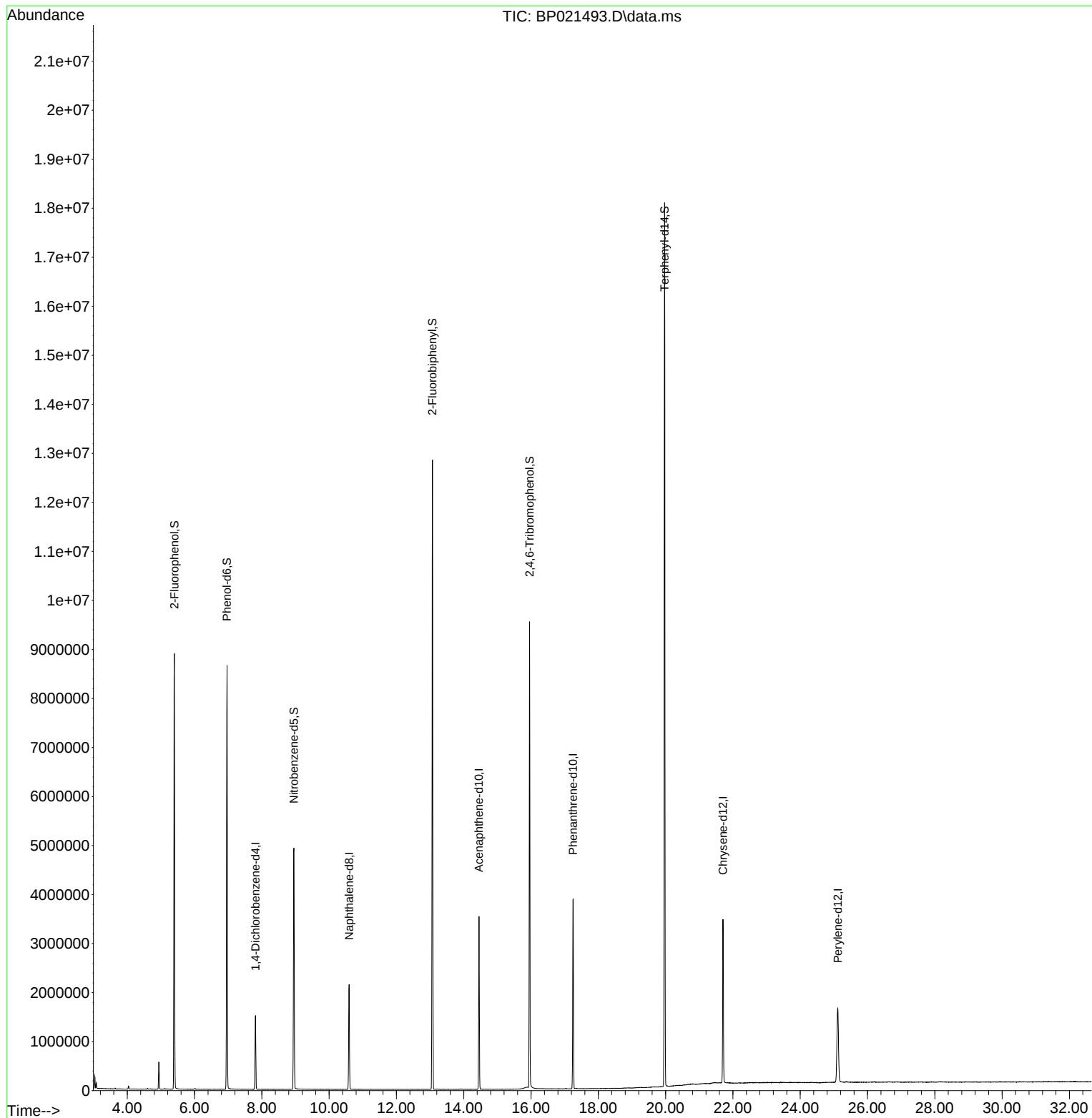
Target Compounds	Qvalue

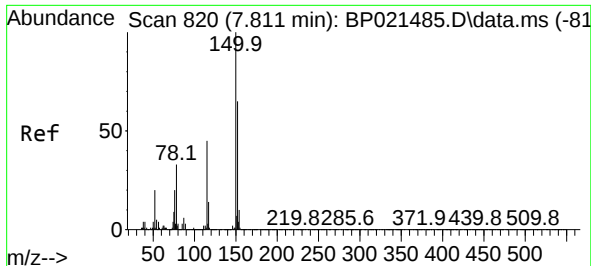
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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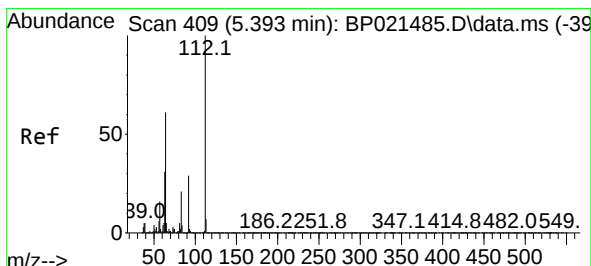
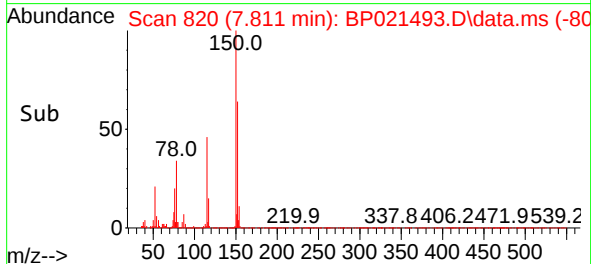
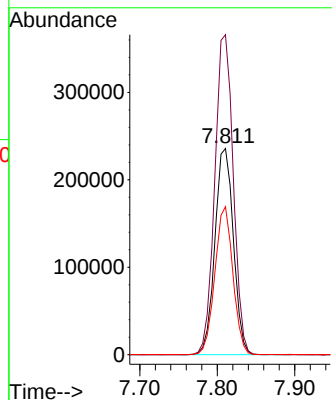
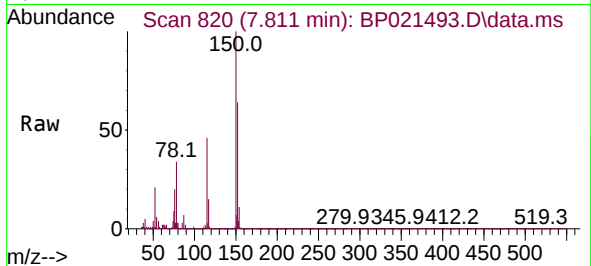




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

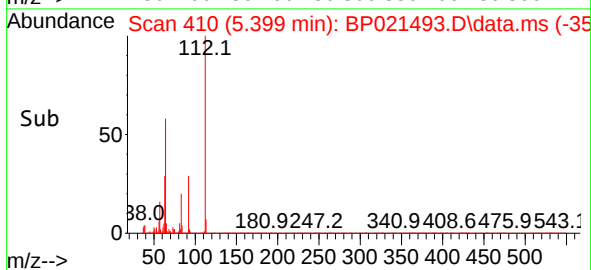
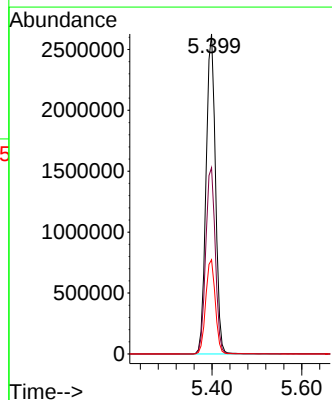
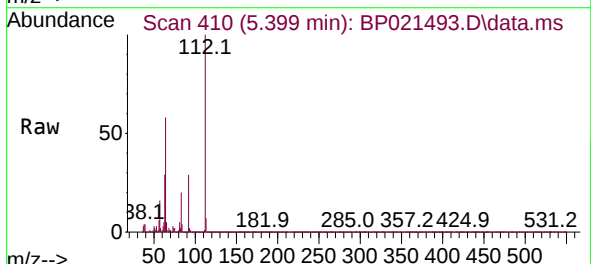
Instrument :
BNA_P
ClientSampleId :
PB162520BL

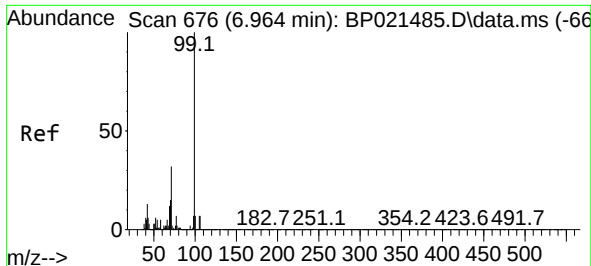
Tgt Ion:152 Resp: 390544
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 71.7 54.7 82.1



#5
2-Fluorophenol
Concen: 145.263 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:112 Resp: 3820659
Ion Ratio Lower Upper
112 100
64 58.2 49.0 73.6
63 29.4 24.6 36.8

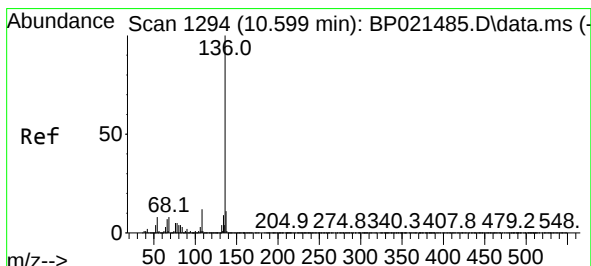
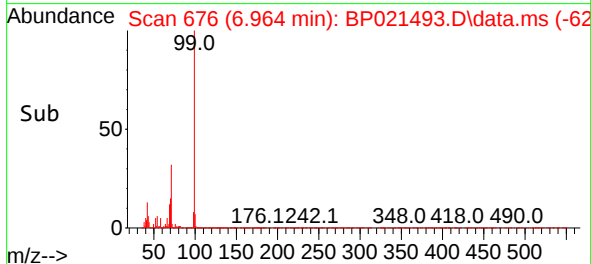
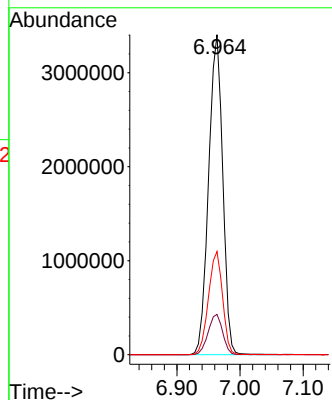
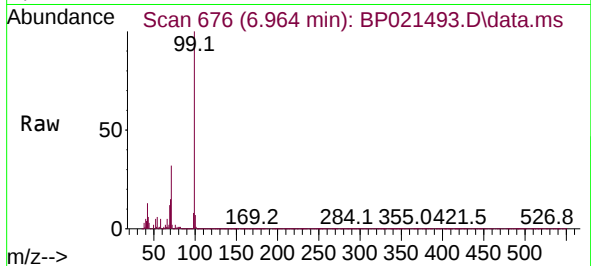




#7
Phenol-d6
Concen: 137.927 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

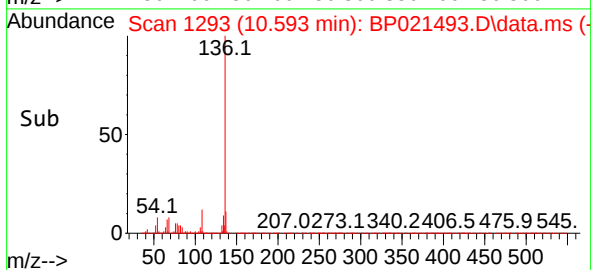
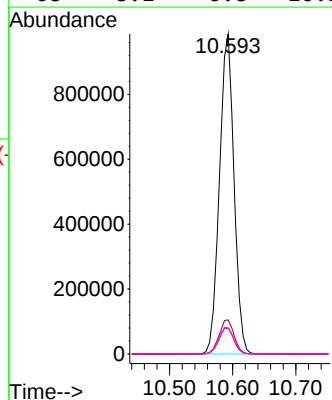
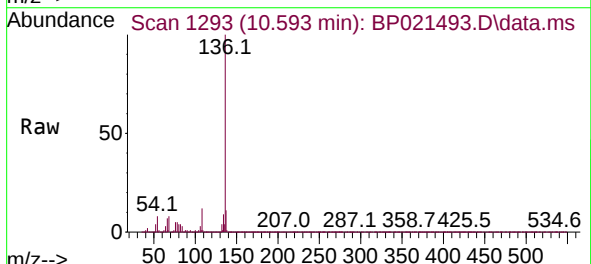
Instrument :
BNA_P
ClientSampleId :
PB162520BL

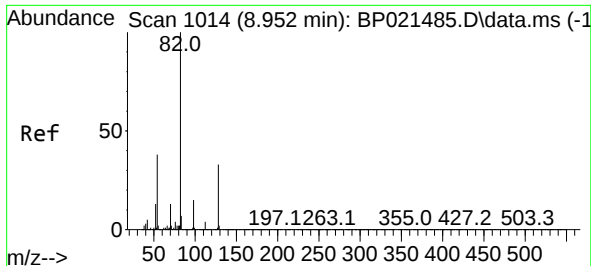
Tgt Ion: 99 Resp: 5292008
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:136 Resp: 1578080
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 6.3 9.5
68 8.1 6.8 10.2





#23

Nitrobenzene-d5

Concen: 102.674 ng

RT: 8.952 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

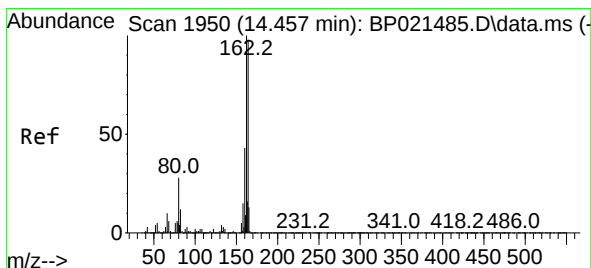
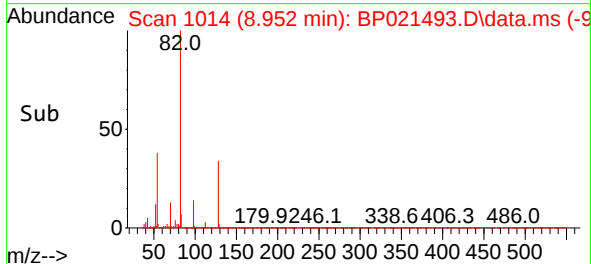
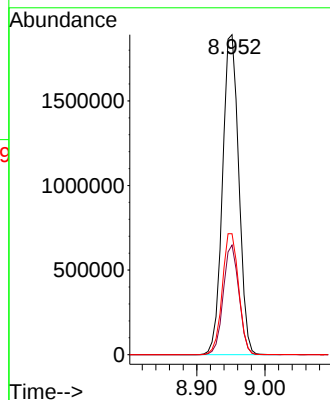
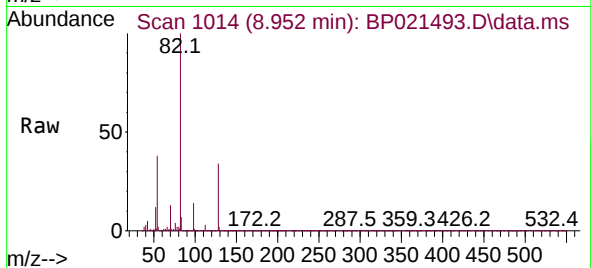
Tgt Ion: 82 Resp: 3139152

Ion Ratio Lower Upper

82 100

128 34.3 26.5 39.7

54 37.8 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

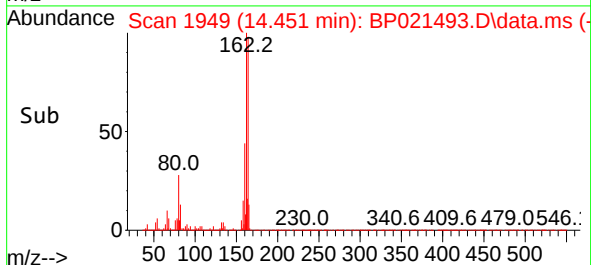
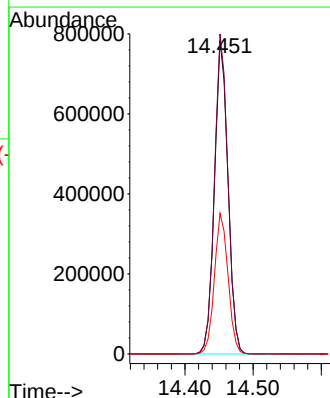
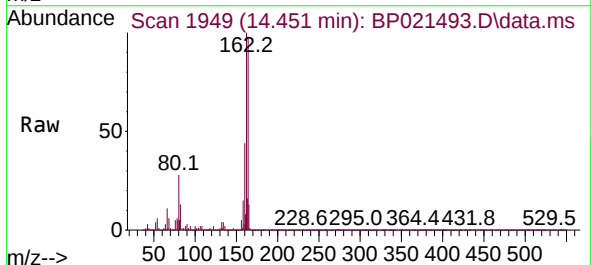
Tgt Ion:164 Resp: 1081321

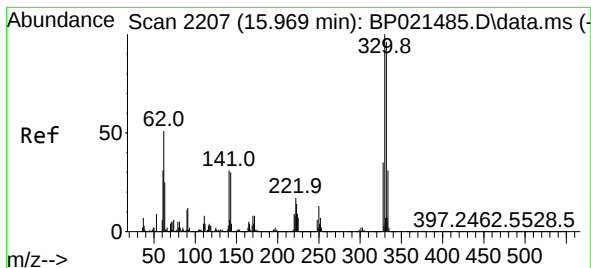
Ion Ratio Lower Upper

164 100

162 102.0 81.5 122.3

160 44.8 35.2 52.8

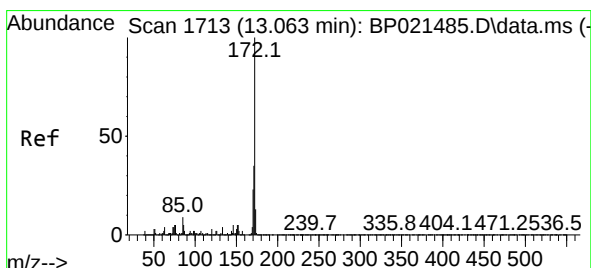
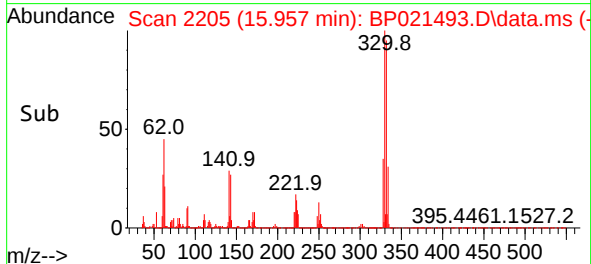
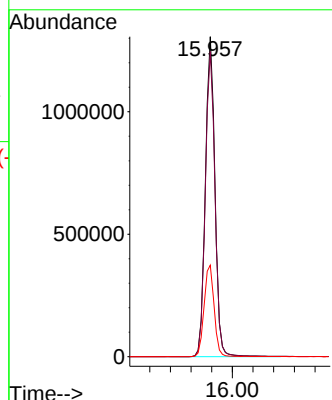
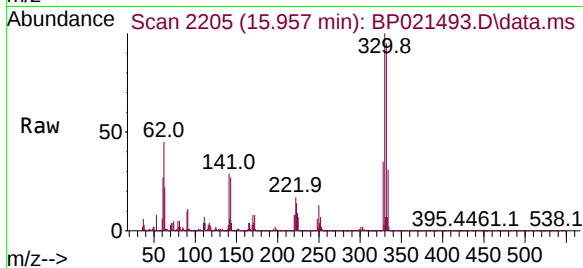




#42
2,4,6-Tribromophenol
Concen: 139.304 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

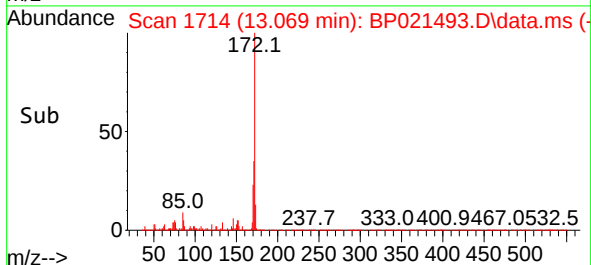
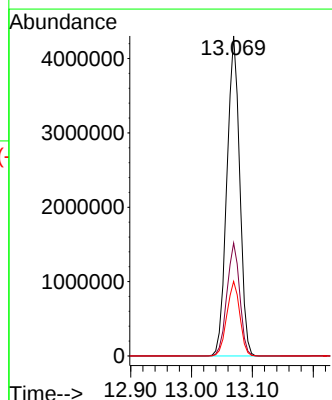
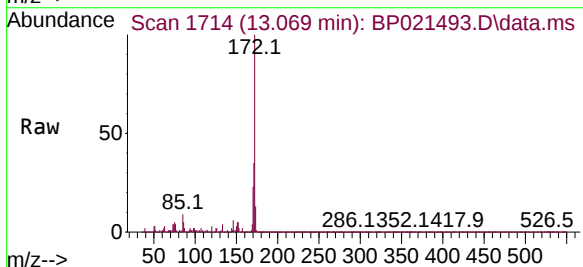
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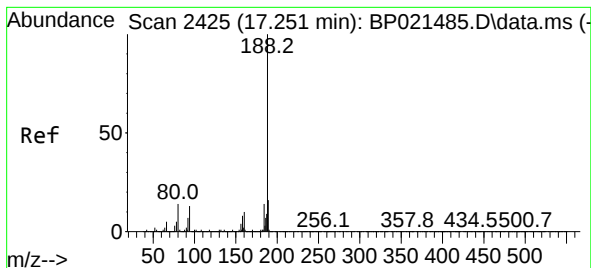
Tgt Ion:330 Resp: 1676482
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.0 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 88.842 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:172 Resp: 6294659
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.4 27.6

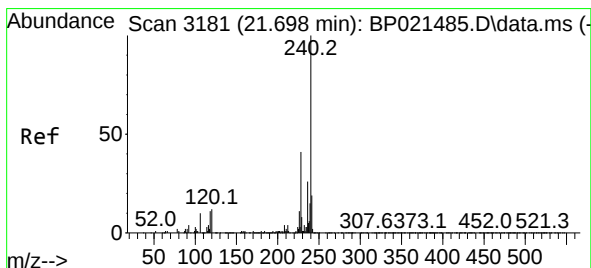
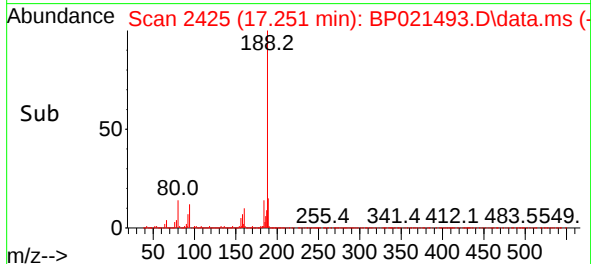
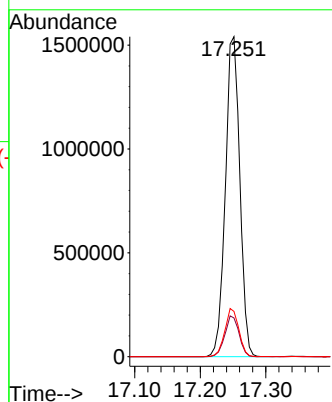
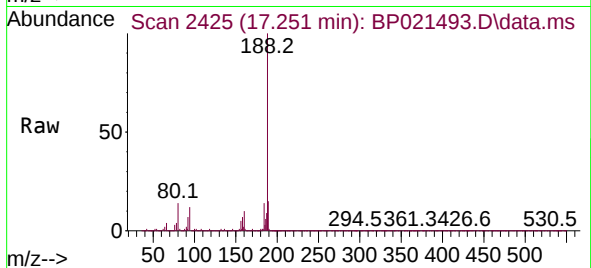




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

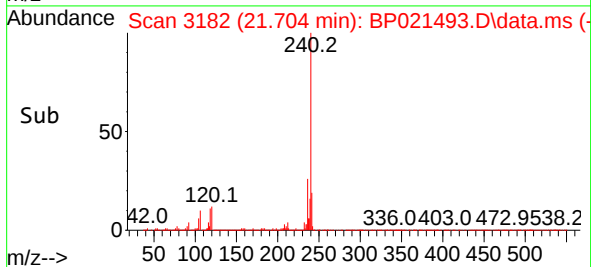
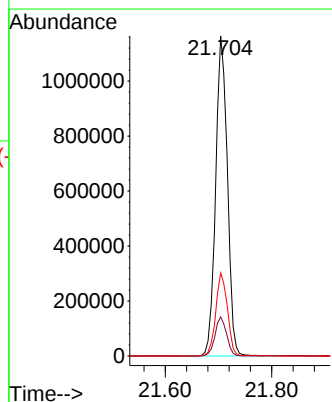
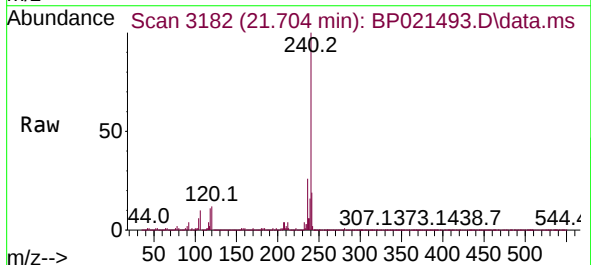
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PB162520BL

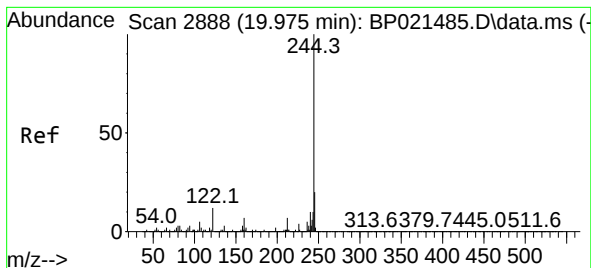
Tgt Ion:188 Resp: 2346802
Ion Ratio Lower Upper
188 100
94 12.1 10.2 15.4
80 14.1 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021493.D
Acq: 14 Aug 2024 09:54

Tgt Ion:240 Resp: 1780981
Ion Ratio Lower Upper
240 100
120 12.2 9.9 14.9
236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 106.314 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Instrument :

BNA_P

ClientSampleId :

PB162520BL

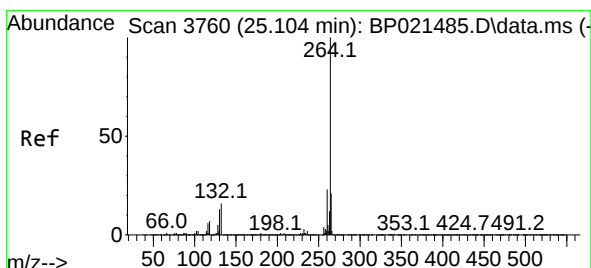
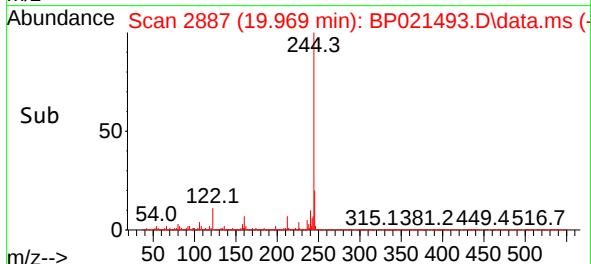
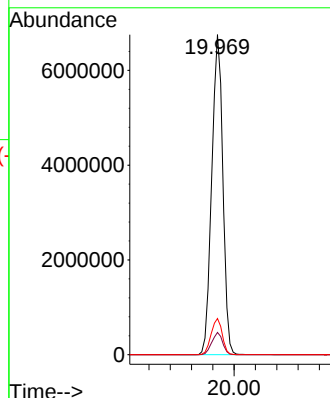
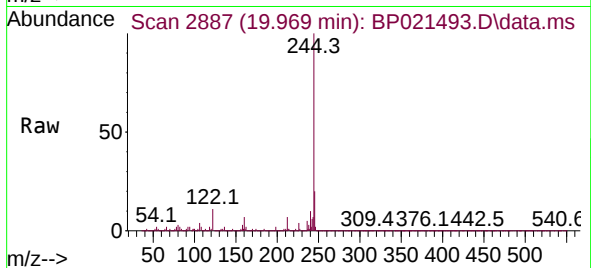
Tgt Ion:244 Resp: 9746252

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.116 min Scan# 3762

Delta R.T. 0.012 min

Lab File: BP021493.D

Acq: 14 Aug 2024 09:54

Tgt Ion:264 Resp: 1816903

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.1 25.7

