

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021598.D
Acq On : 21 Aug 2024 15:17
Operator : RC/JU
Sample : PB162878BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162878BL

Quant Time: Aug 21 16:42:29 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	7.805	152	283679	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1114928	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	720129	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1692452	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1955992	20.000	ng	0.02
86) Perylene-d12	25.145	264	2330392	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2506189	131.182	ng	0.00
7) Phenol-d6	6.969	99	3334533	119.648	ng	0.00
23) Nitrobenzene-d5	8.952	82	1979380	91.634	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1256382	156.759	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3769862	79.894	ng	0.00
79) Terphenyl-d14	19.992	244	7968679	79.146	ng	0.02

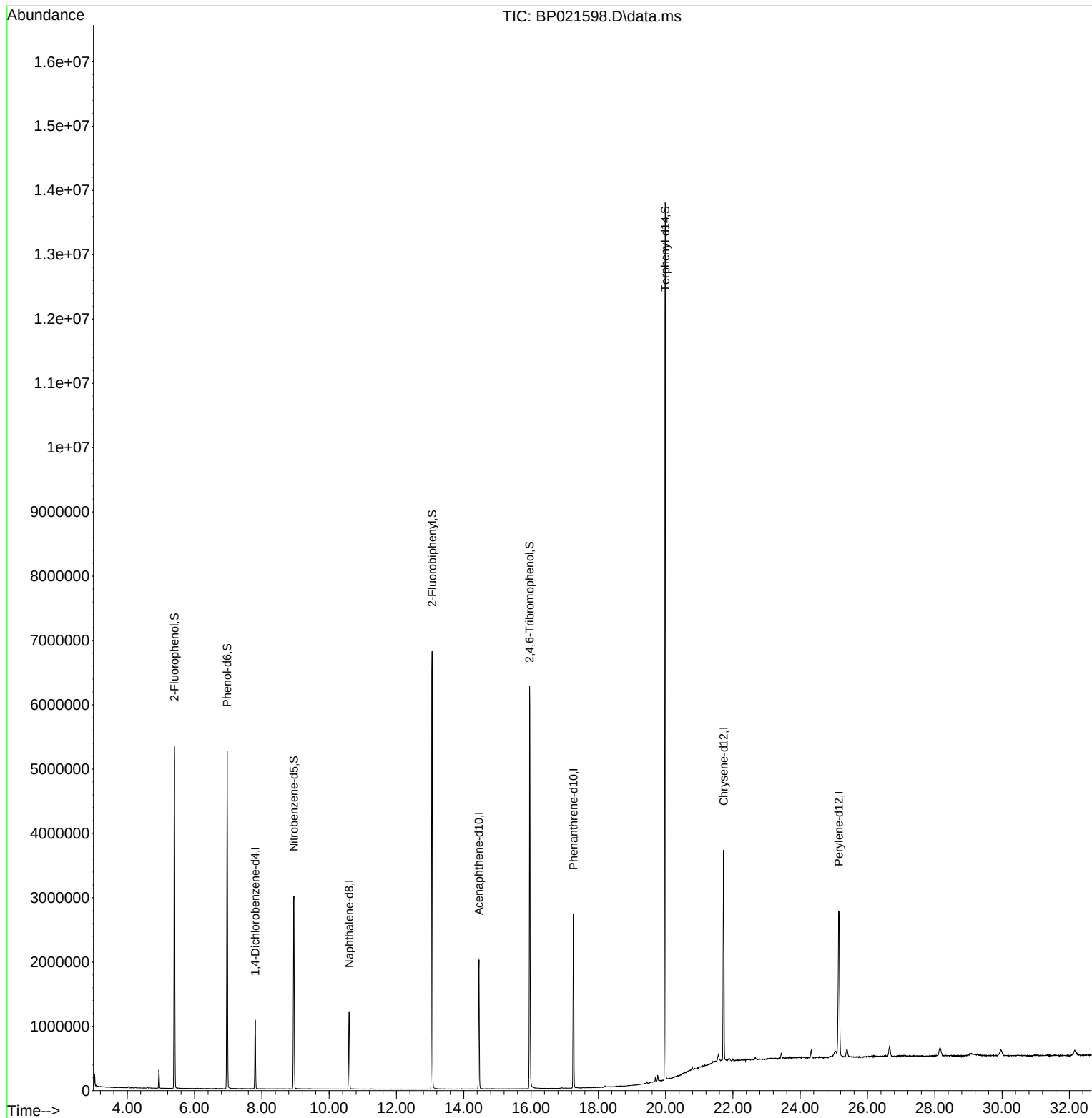
Target Compounds	Qvalue

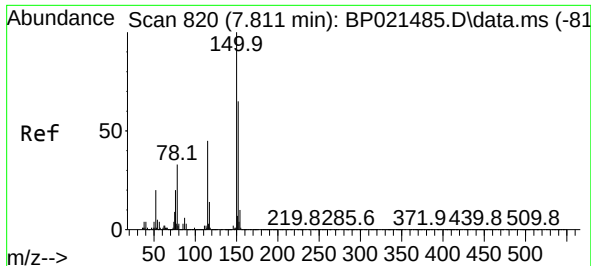
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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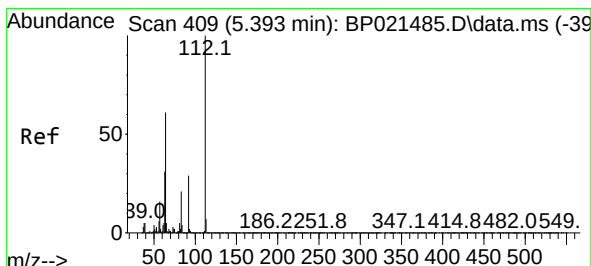
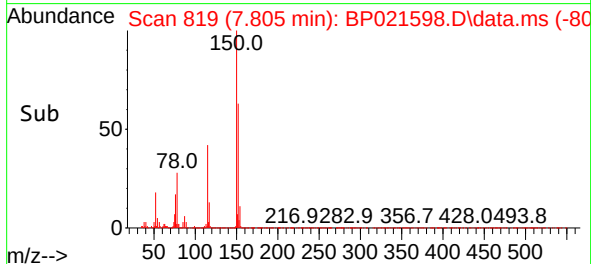
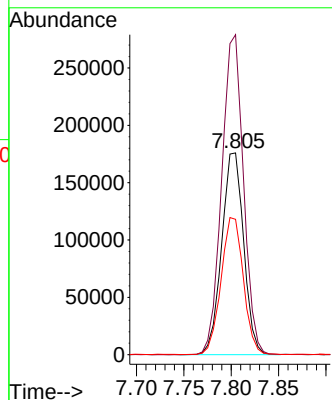
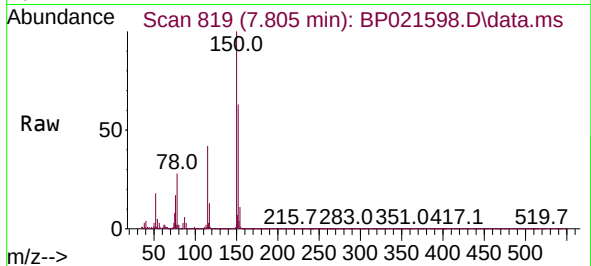




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

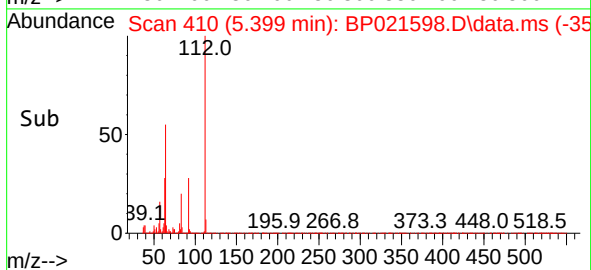
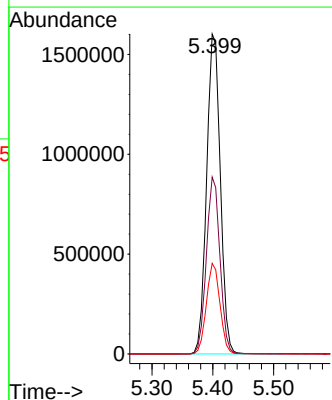
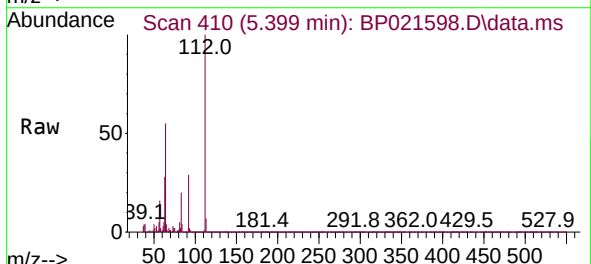
Instrument :
BNA_P
ClientSampleId :
PB162878BL

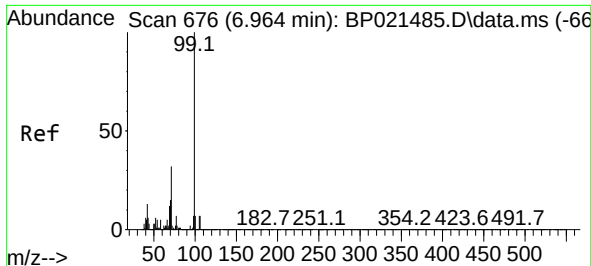
Tgt Ion:152 Resp: 283679
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 67.1 54.7 82.1



#5
2-Fluorophenol
Concen: 131.182 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:112 Resp: 2506189
Ion Ratio Lower Upper
112 100
64 55.3 49.0 73.6
63 28.3 24.6 36.8

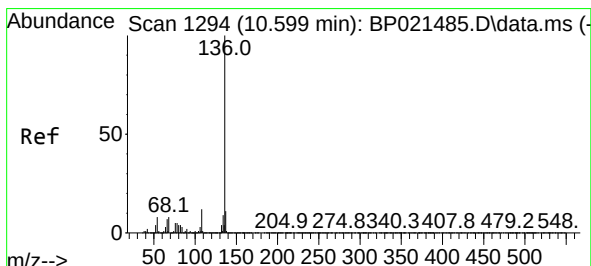
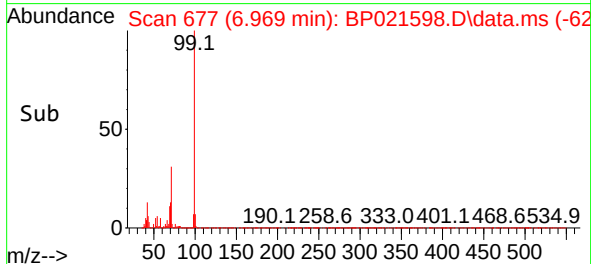
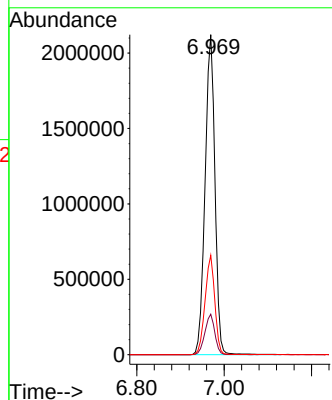
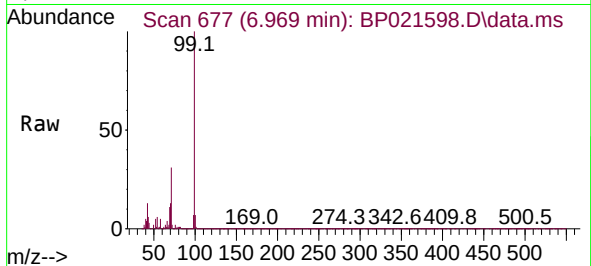




#7
Phenol-d6
Concen: 119.648 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

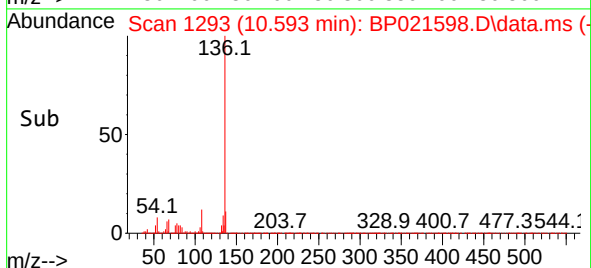
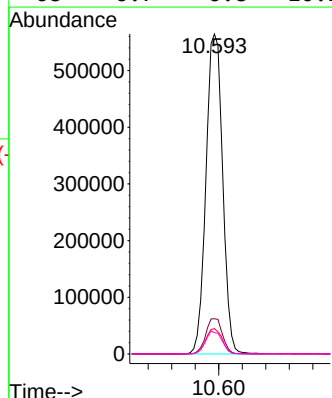
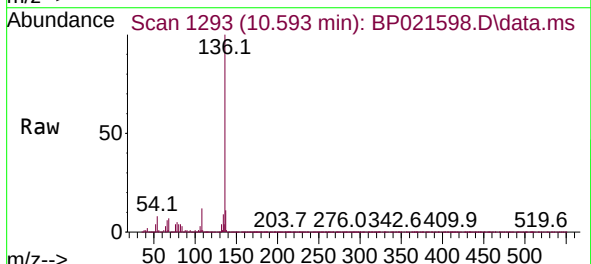
Instrument :
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ClientSampleId :
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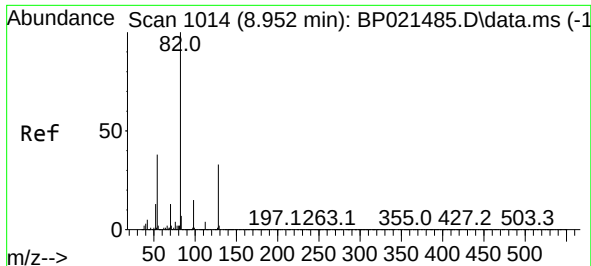
Tgt Ion: 99 Resp: 3334533
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 31.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:136 Resp: 1114928
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 6.7 6.8 10.2#

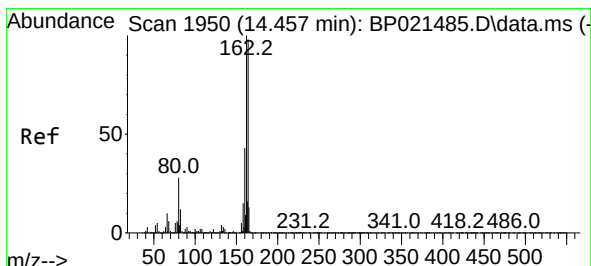
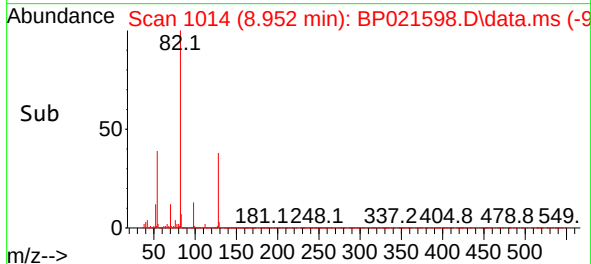
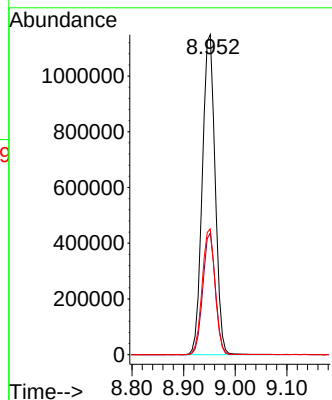
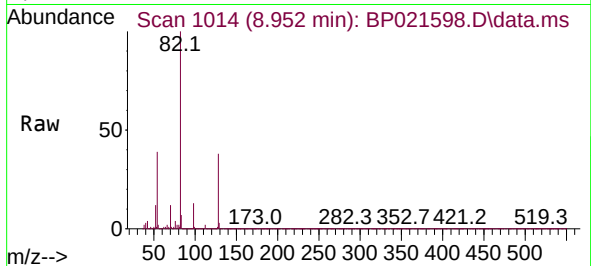




#23
Nitrobenzene-d5
Concen: 91.634 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

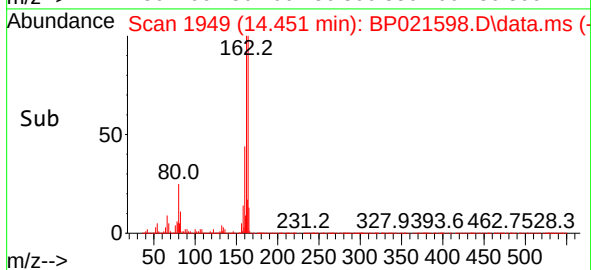
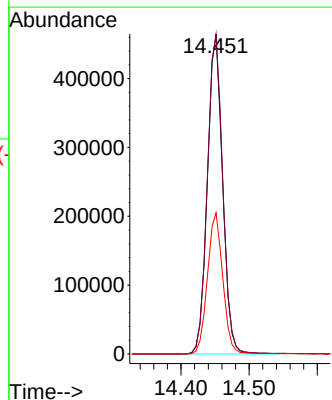
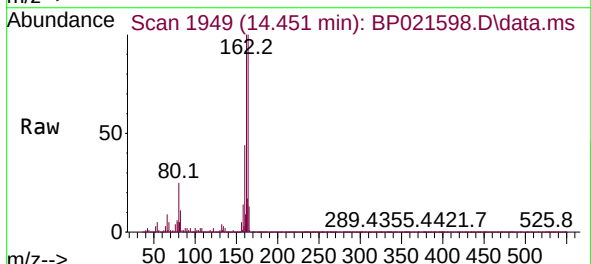
Instrument :
BNA_P
ClientSampleId :
PB162878BL

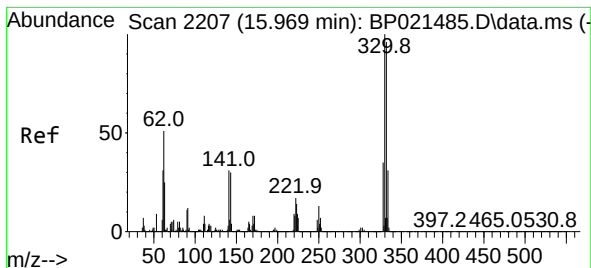
Tgt Ion: 82 Resp: 1979380
Ion Ratio Lower Upper
82 100
128 37.9 26.5 39.7
54 39.3 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:164 Resp: 720129
Ion Ratio Lower Upper
164 100
162 100.3 81.5 122.3
160 44.3 35.2 52.8

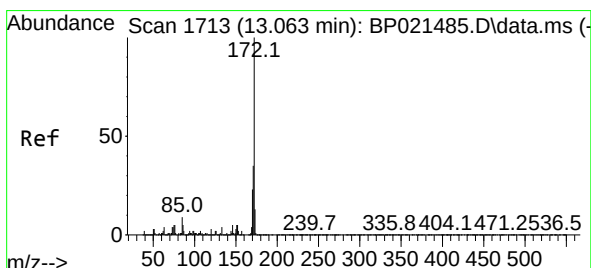
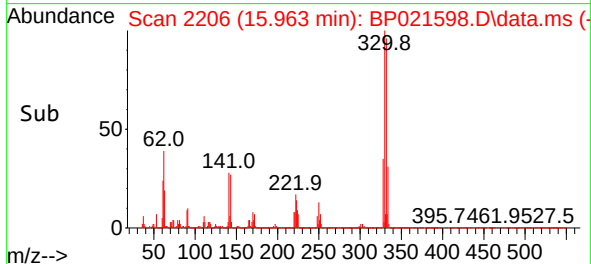
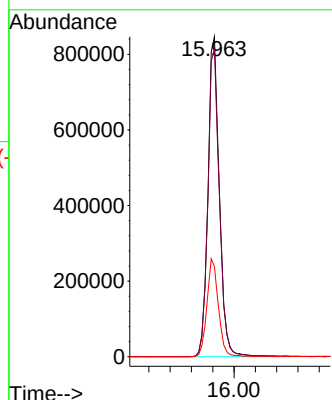
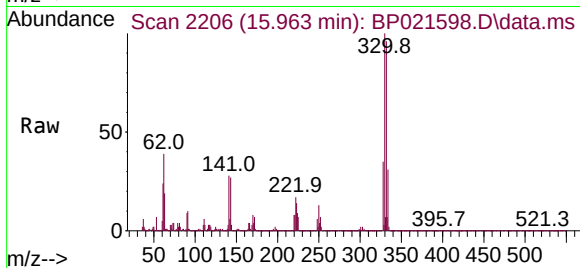




#42
2,4,6-Tribromophenol
Concen: 156.759 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

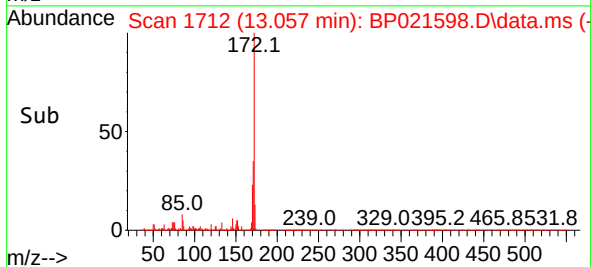
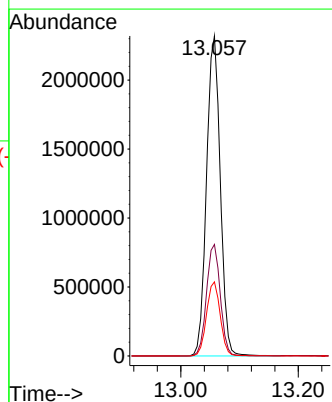
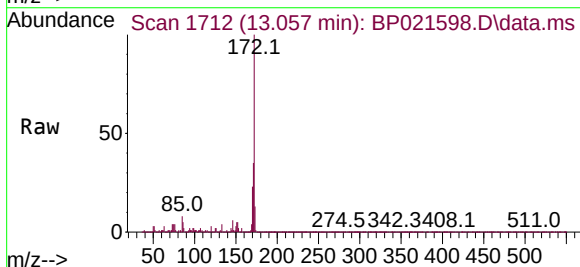
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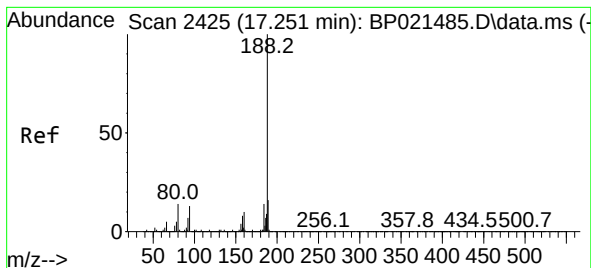
Tgt Ion:330 Resp: 1256382
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 30.7 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 79.894 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021598.D
Acq: 21 Aug 2024 15:17

Tgt Ion:172 Resp: 3769862
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

Instrument :

BNA_P

ClientSampleId :

PB162878BL

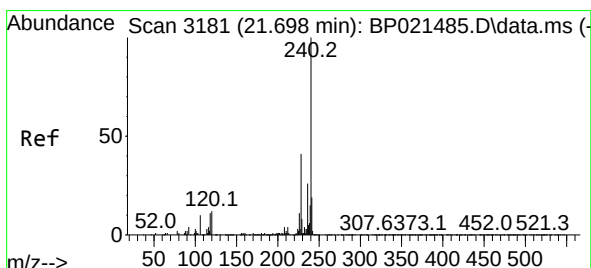
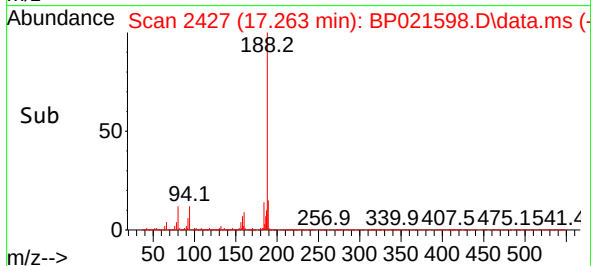
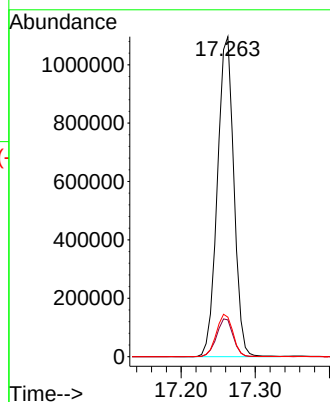
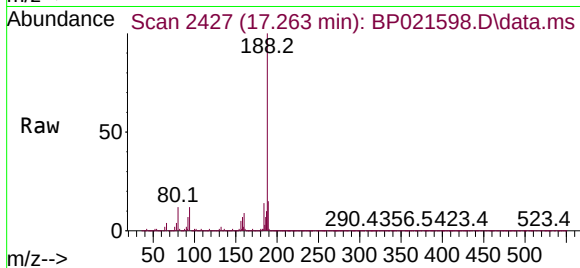
Tgt Ion:188 Resp: 1692452

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

80 12.4 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.023 min

Lab File: BP021598.D

Acq: 21 Aug 2024 15:17

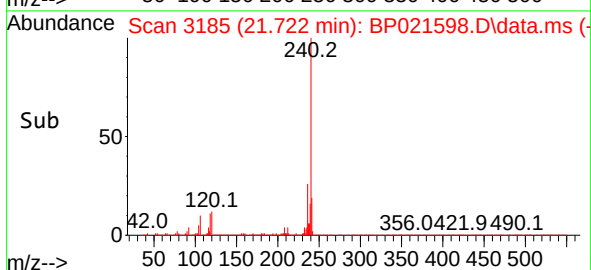
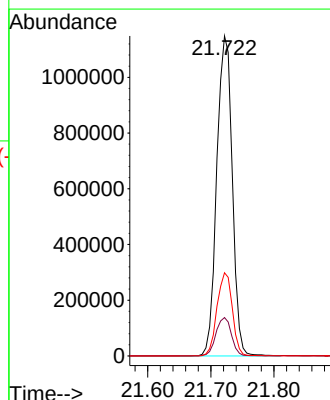
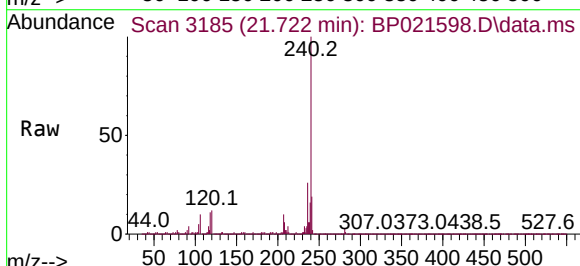
Tgt Ion:240 Resp: 1955992

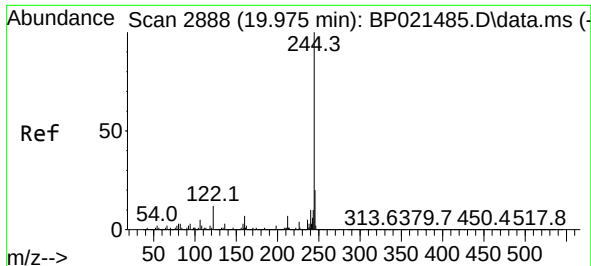
Ion Ratio Lower Upper

240 100

120 12.0 9.9 14.9

236 26.0 20.6 30.8

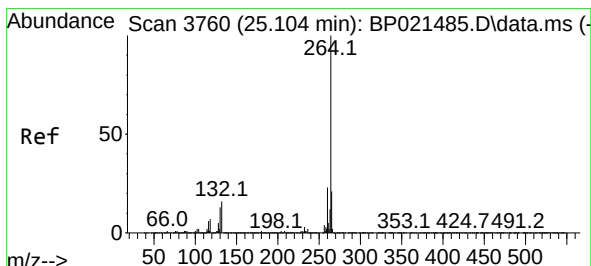
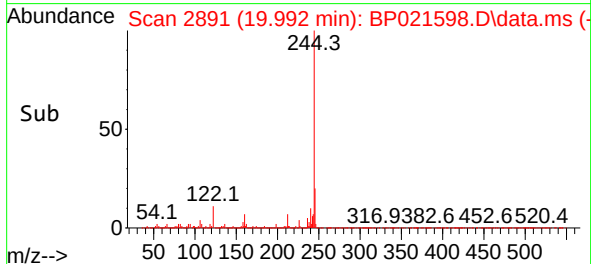
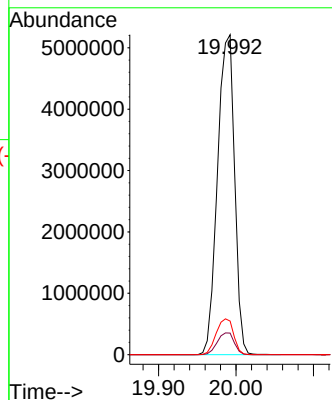
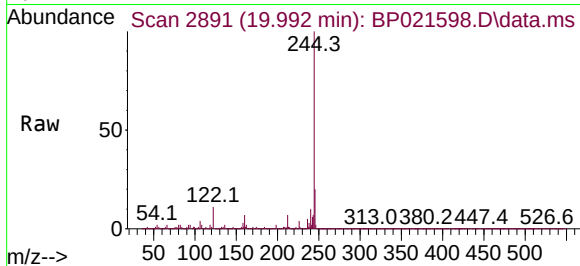




#79
 Terphenyl-d14
 Concen: 79.146 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021598.D
 Acq: 21 Aug 2024 15:17

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BL

Tgt Ion:244 Resp: 7968679
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.5 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.145 min Scan# 3767
 Delta R.T. 0.041 min
 Lab File: BP021598.D
 Acq: 21 Aug 2024 15:17

Tgt Ion:264 Resp: 2330392
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.3 17.1 25.7

