

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021576.D
 Acq On : 20 Aug 2024 17:24
 Operator : RC/JU
 Sample : PB162631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

Quant Time: Aug 20 18:14:57 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	347992	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1395533	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	914555	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2162093	20.000	ng	0.02
76) Chrysene-d12	21.722	240	2210458	20.000	ng	0.02
86) Perylene-d12	25.174	264	2503158	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2994133	127.758	ng	0.01
7) Phenol-d6	6.969	99	4067557	118.977	ng	0.00
23) Nitrobenzene-d5	8.946	82	2447041	90.506	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1583625	155.583	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4699597	78.424	ng	0.00
79) Terphenyl-d14	19.986	244	9272285	81.492	ng	0.01

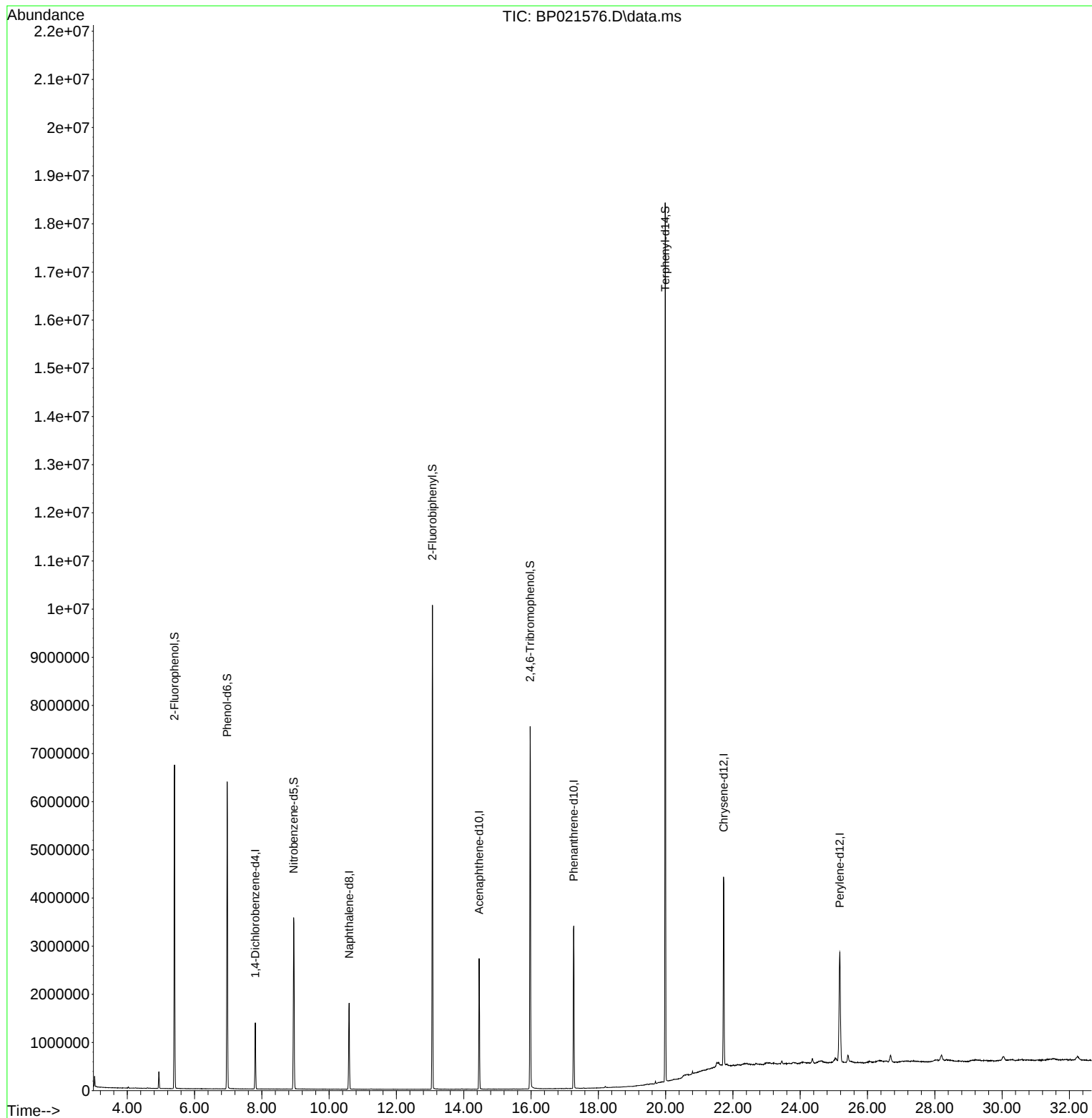
Target Compounds	Qvalue

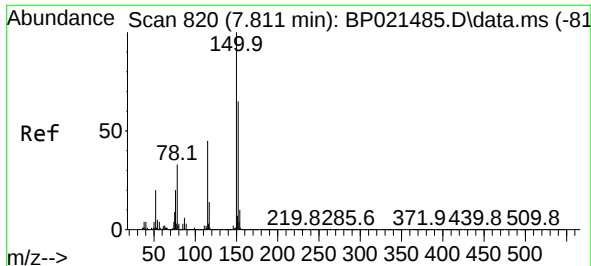
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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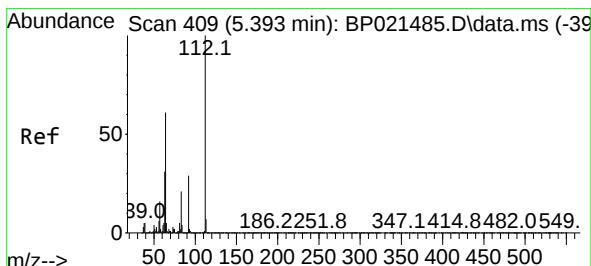
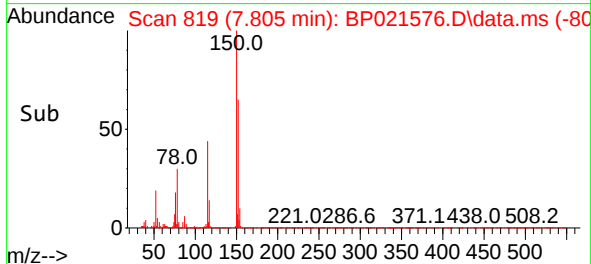
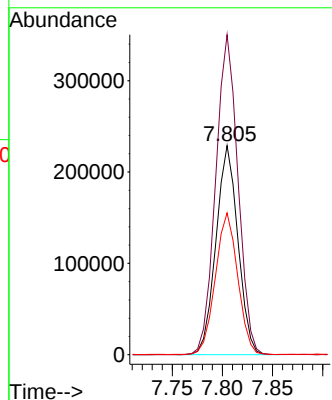
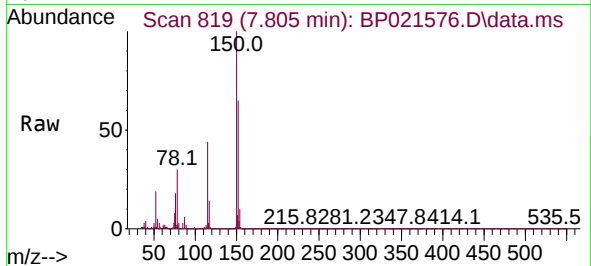




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

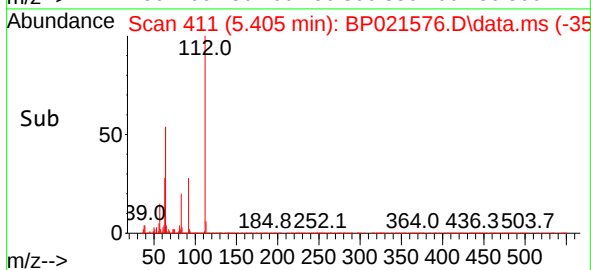
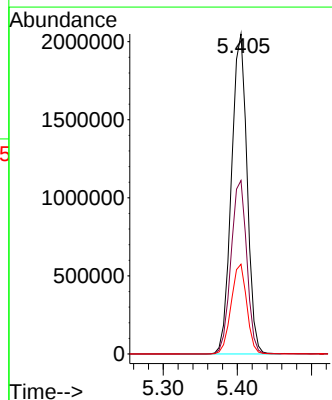
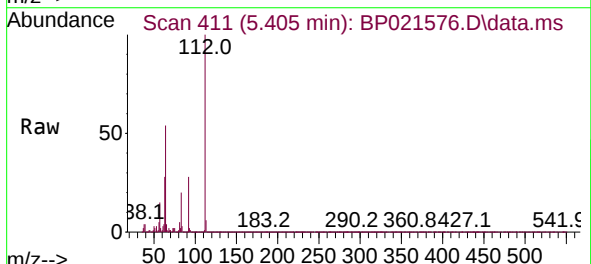
Instrument :
BNA_P
ClientSampleId :
PB162631BL

Tgt Ion:152 Resp: 347992
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 67.8 54.7 82.1



#5
2-Fluorophenol
Concen: 127.758 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:112 Resp: 2994133
Ion Ratio Lower Upper
112 100
64 54.2 49.0 73.6
63 28.0 24.6 36.8



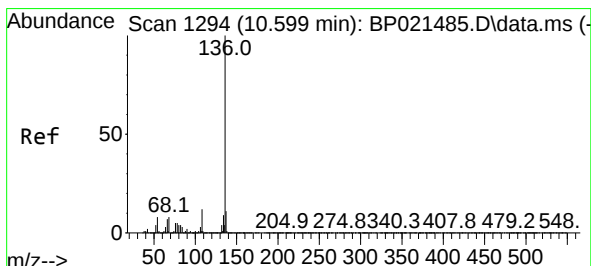
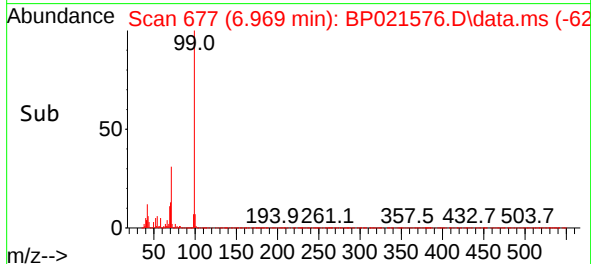
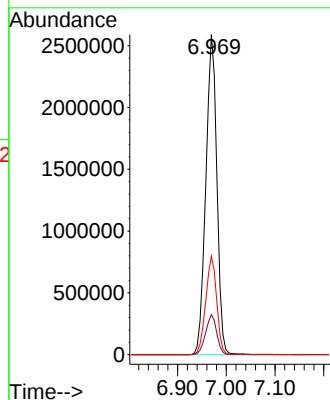
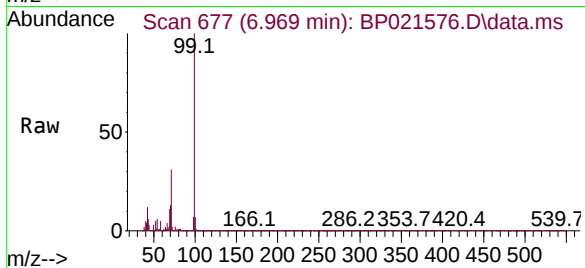


#7
Phenol-d6
Concen: 118.977 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Instrument :
BNA_P
ClientSampleId :
PB162631BL

Tgt Ion: 99 Resp: 4067557

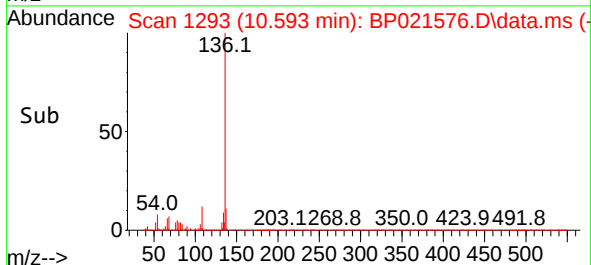
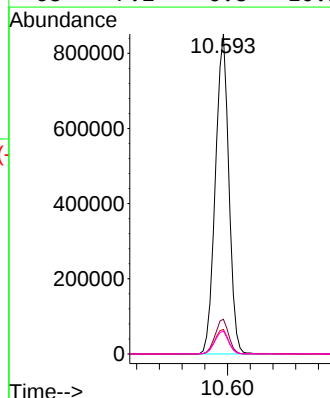
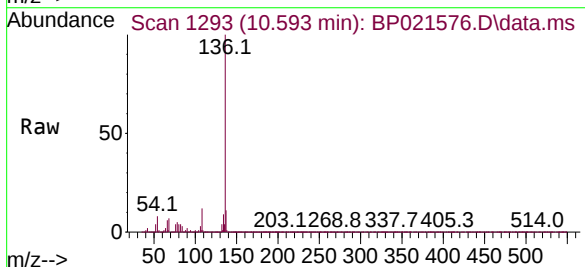
Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.2	15.4
71	30.8	25.8	38.8

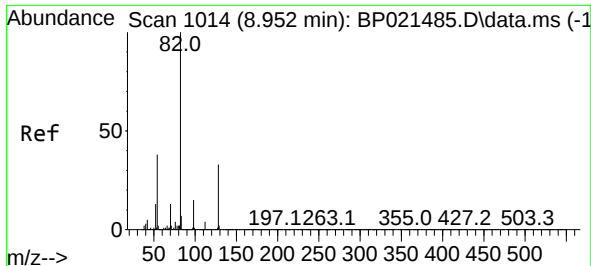


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021576.D
Acq: 20 Aug 2024 17:24

Tgt Ion:136 Resp: 1395533

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	7.2	6.8	10.2





#23

Nitrobenzene-d5

Concen: 90.506 ng

RT: 8.946 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

Instrument :

BNA_P

ClientSampleId :

PB162631BL

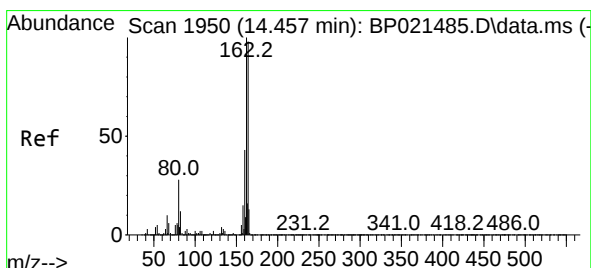
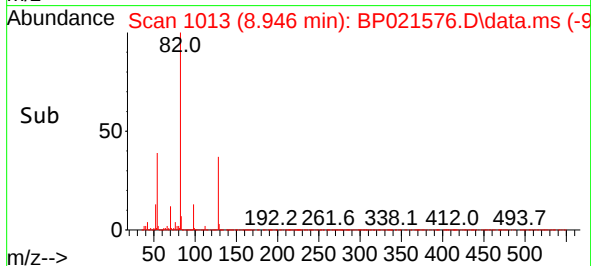
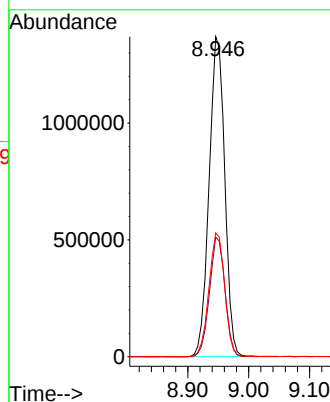
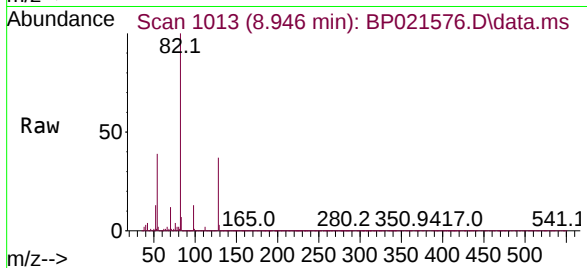
Tgt Ion: 82 Resp: 2447041

Ion Ratio Lower Upper

82 100

128 37.3 26.5 39.7

54 38.7 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

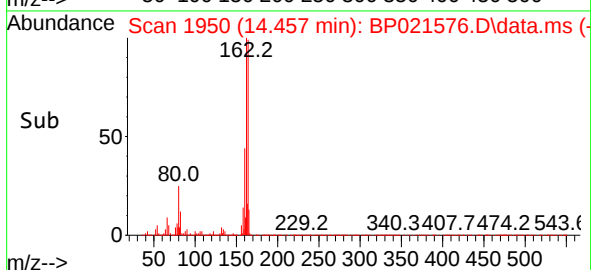
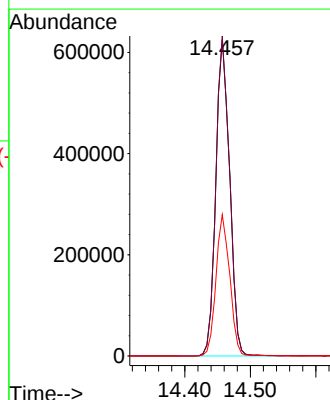
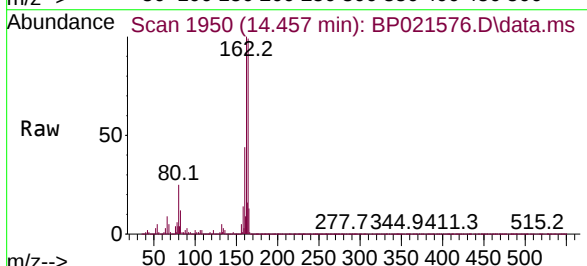
Tgt Ion:164 Resp: 914555

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 155.583 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

Instrument :

BNA_P

ClientSampleId :

PB162631BL

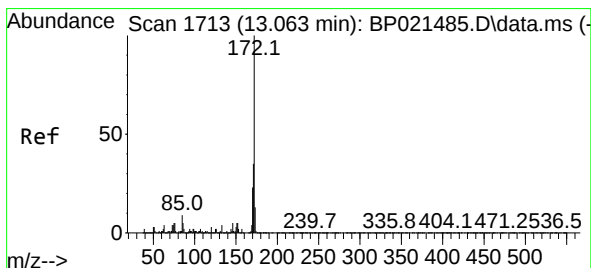
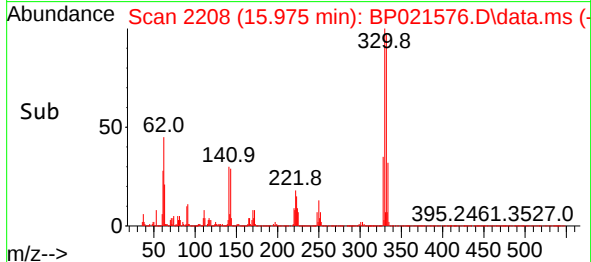
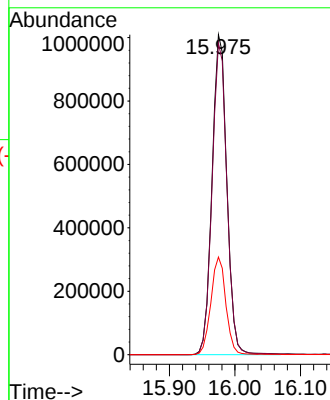
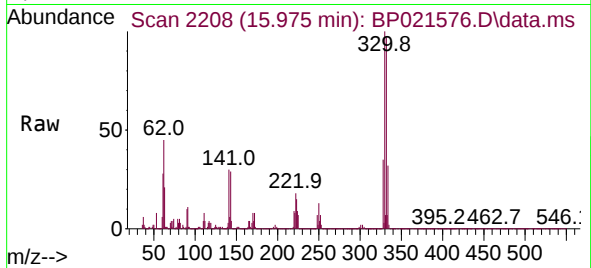
Tgt Ion:330 Resp: 1583625

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

141 30.9 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 78.424 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

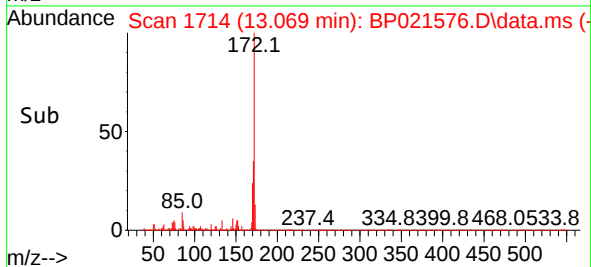
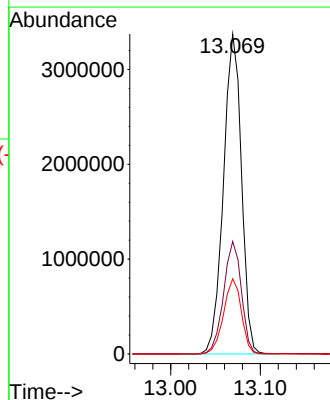
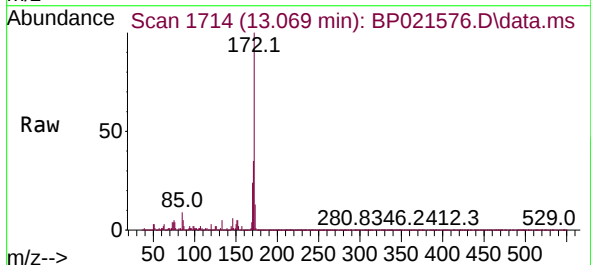
Tgt Ion:172 Resp: 4699597

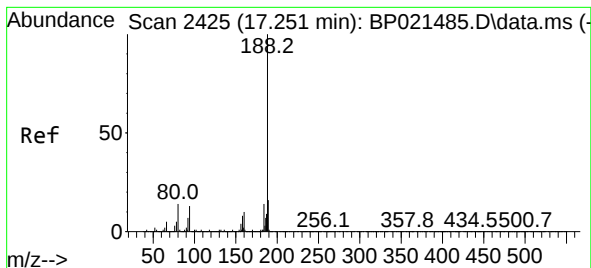
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2425

Delta R.T. 0.018 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

Instrument :

BNA_P

ClientSampleId :

PB162631BL

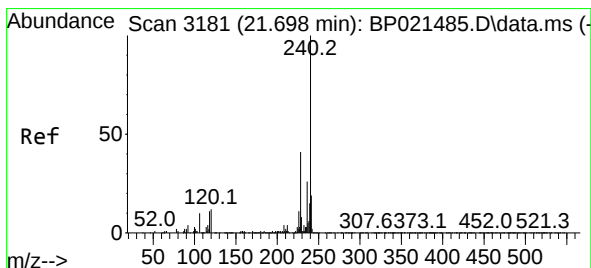
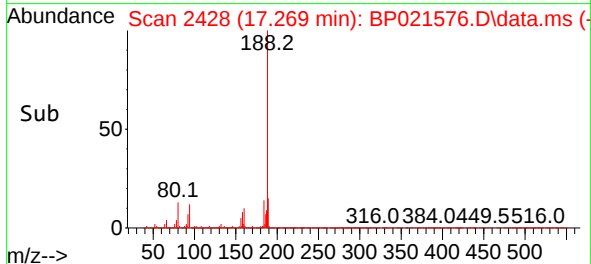
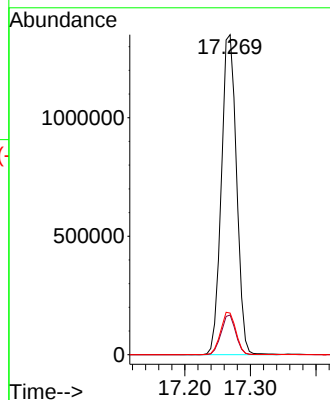
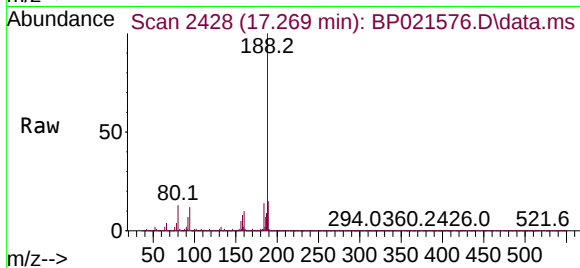
Tgt Ion:188 Resp: 2162093

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.4

80 13.0 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021576.D

Acq: 20 Aug 2024 17:24

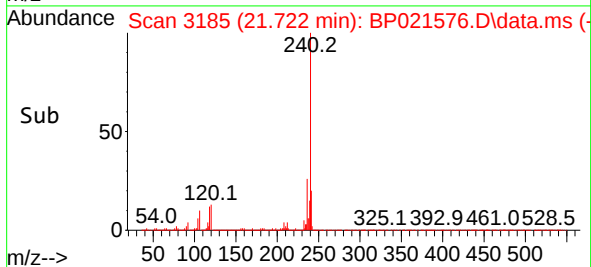
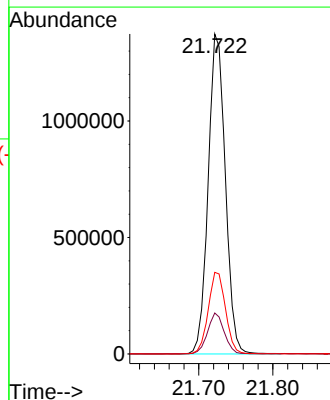
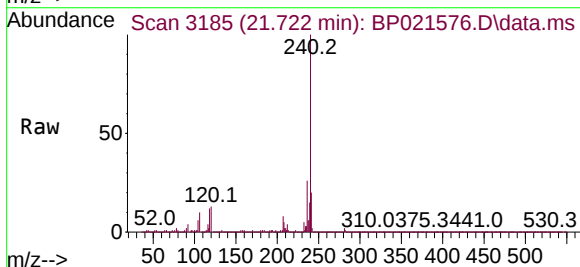
Tgt Ion:240 Resp: 2210458

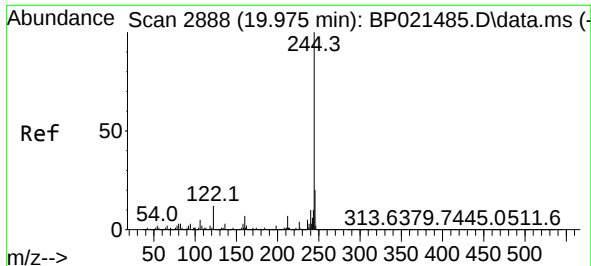
Ion Ratio Lower Upper

240 100

120 12.8 9.9 14.9

236 25.5 20.6 30.8

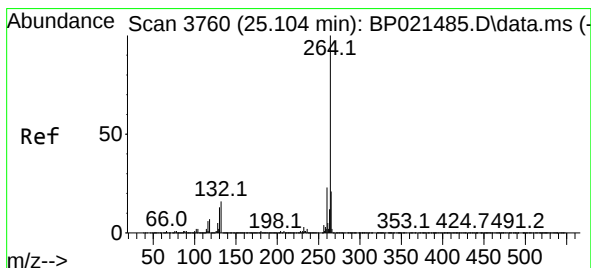
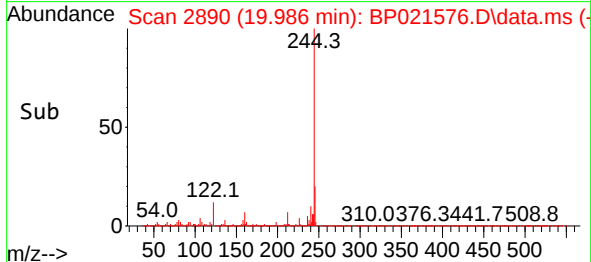
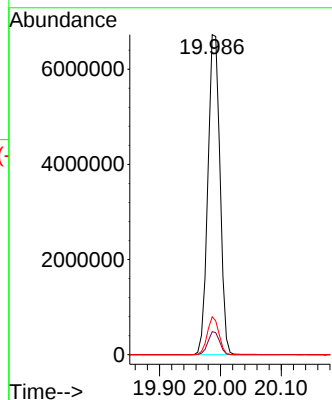
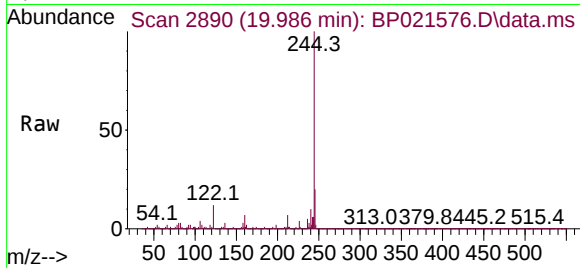




#79
 Terphenyl-d14
 Concen: 81.492 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021576.D
 Acq: 20 Aug 2024 17:24

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

Tgt Ion:244 Resp: 9272285
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 3772
 Delta R.T. 0.071 min
 Lab File: BP021576.D
 Acq: 20 Aug 2024 17:24

Tgt Ion:264 Resp: 2503158
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.7 17.1 25.7

