

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021508.D
 Acq On : 15 Aug 2024 10:34
 Operator : RC/JU
 Sample : PB162553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162553BL

Quant Time: Aug 15 11:00:00 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	7.804	152	316044	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1257383	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	834448	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	1778741	20.000	ng	0.00
76) Chrysene-d12	21.692	240	1519987	20.000	ng	0.00
86) Perylene-d12	25.092	264	1612619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3125147	146.828	ng	0.00
7) Phenol-d6	6.963	99	4293590	138.284	ng	0.00
23) Nitrobenzene-d5	8.951	82	2554464	104.860	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1197011	128.890	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4991005	91.283	ng	0.00
79) Terphenyl-d14	19.968	244	7951893	101.635	ng	0.00

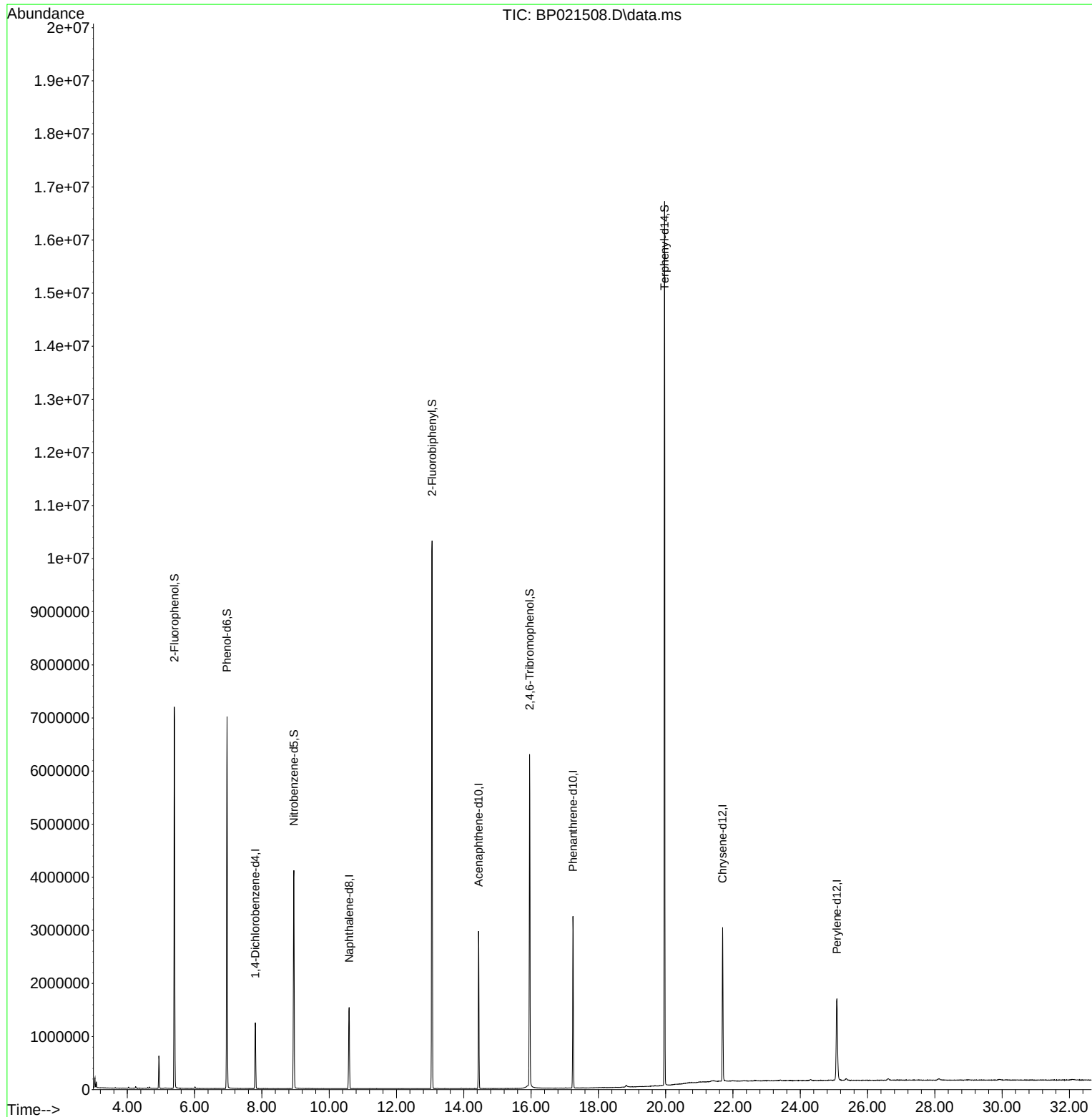
Target Compounds	Qvalue

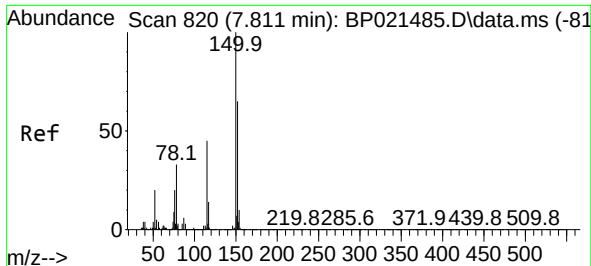
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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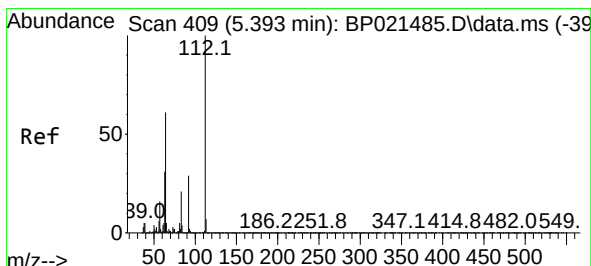
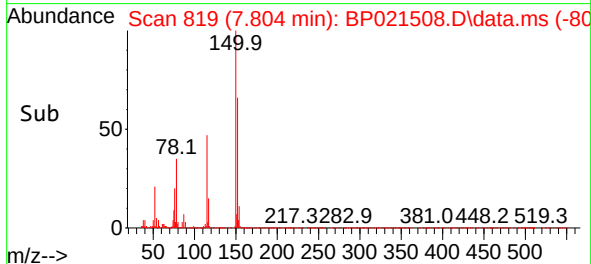
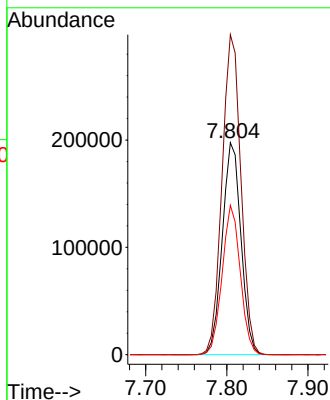
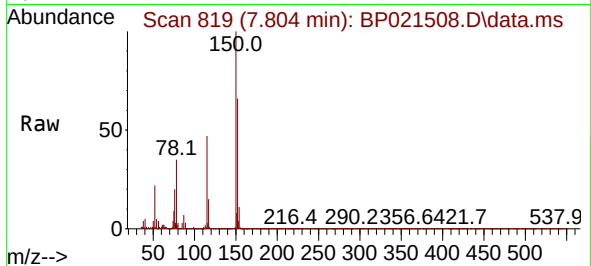




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

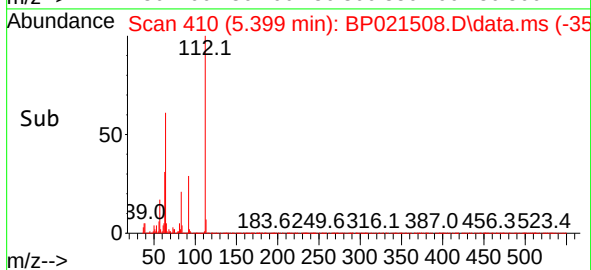
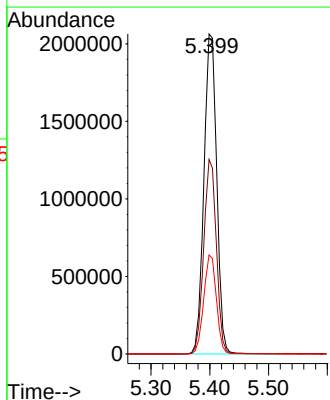
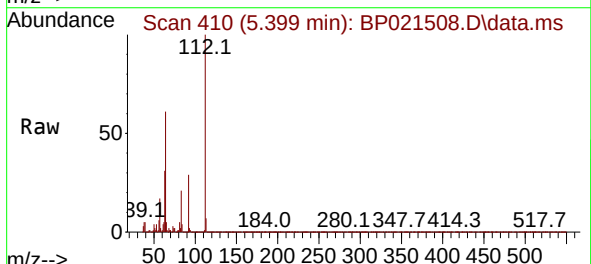
Instrument :
BNA_P
ClientSampleId :
PB162553BL

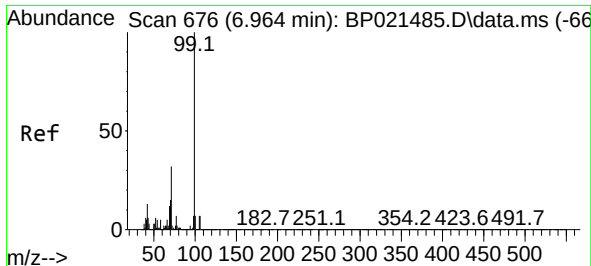
Tgt Ion:152 Resp: 316044
Ion Ratio Lower Upper
152 100
150 151.0 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 146.828 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:112 Resp: 3125147
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.6
63 31.0 24.6 36.8



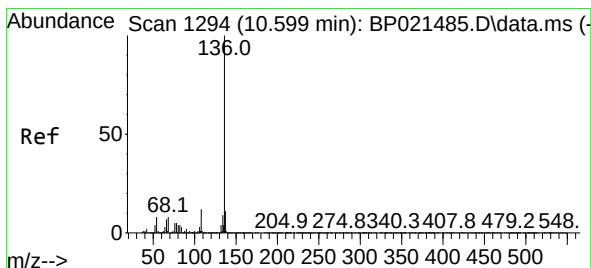
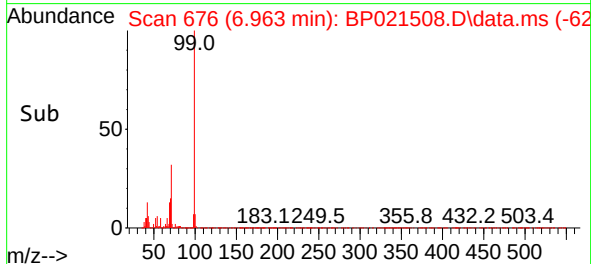
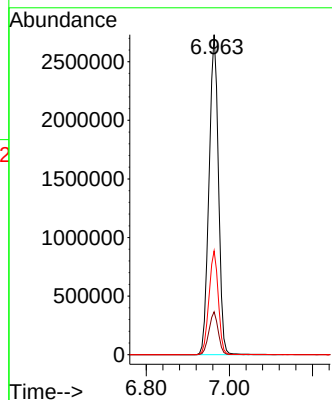
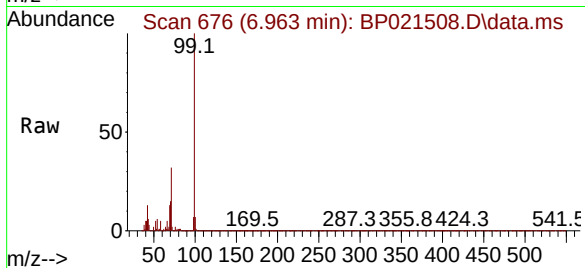


#7
Phenol-d6
Concen: 138.284 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion: 99 Resp: 4293590

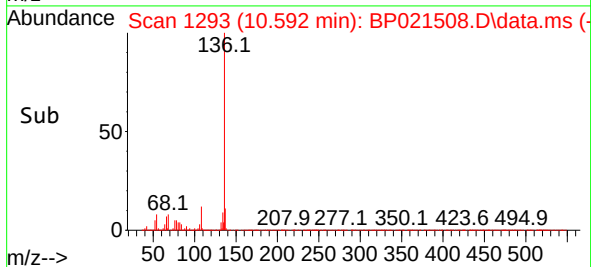
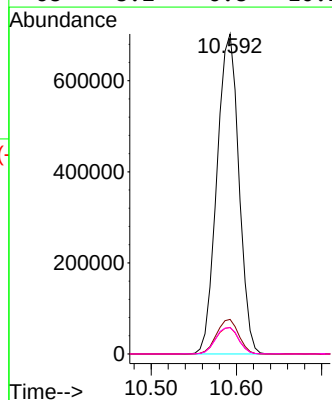
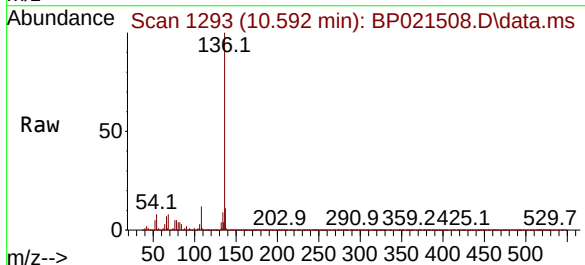
Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.2	15.4
71	32.5	25.8	38.8

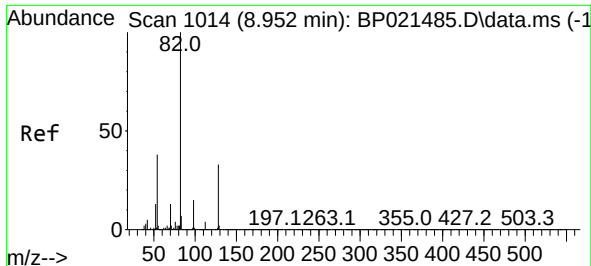


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.007 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion: 136 Resp: 1257383

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.3	9.5
68	8.2	6.8	10.2

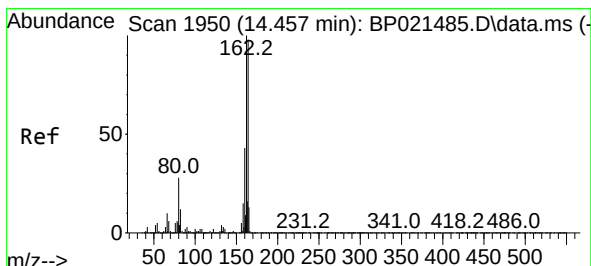
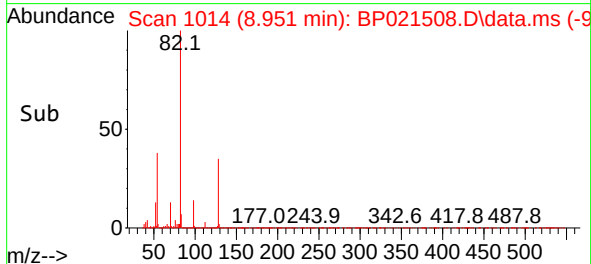
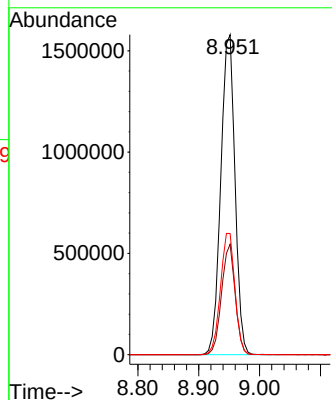
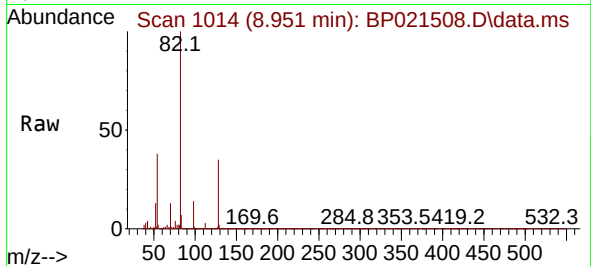




#23
Nitrobenzene-d5
Concen: 104.860 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

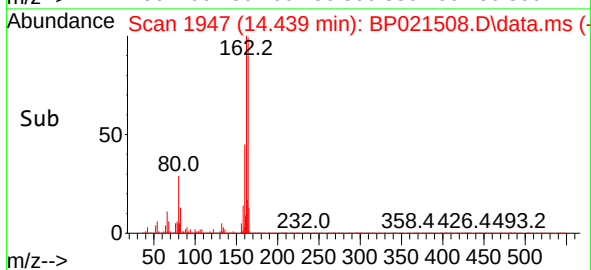
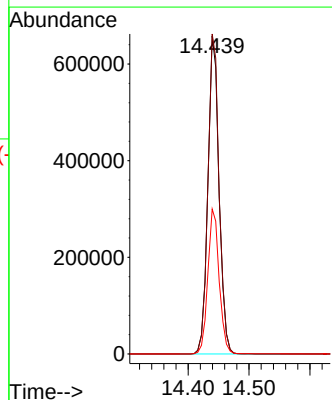
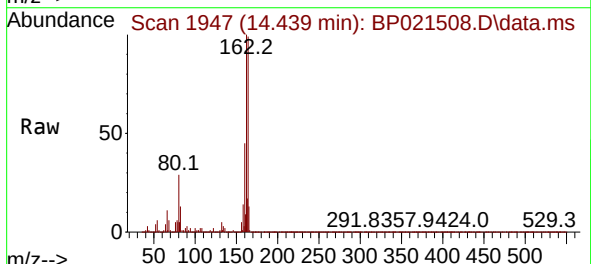
Instrument :
BNA_P
ClientSampleId :
PB162553BL

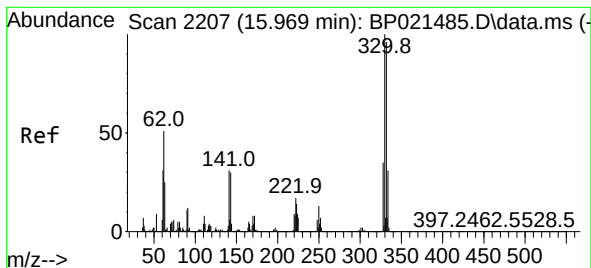
Tgt Ion: 82 Resp: 2554464
Ion Ratio Lower Upper
82 100
128 34.5 26.5 39.7
54 37.8 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:164 Resp: 834448
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 45.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 128.890 ng

RT: 15.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021508.D

Acq: 15 Aug 2024 10:34

Instrument :

BNA_P

ClientSampleId :

PB162553BL

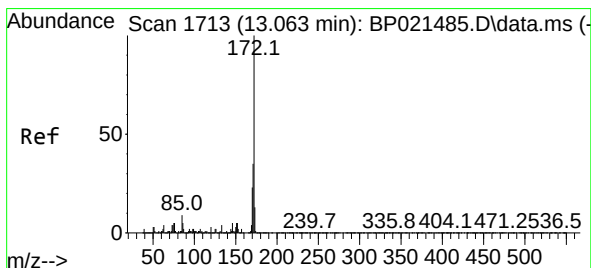
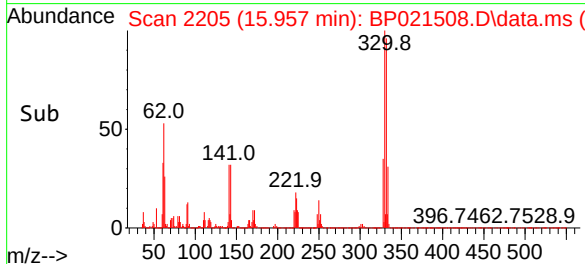
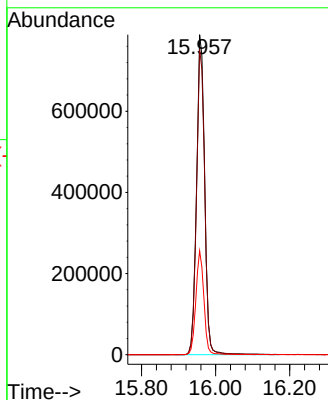
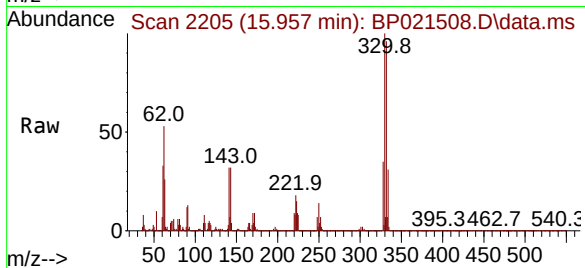
Tgt Ion:330 Resp: 1197011

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 32.0 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 91.283 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021508.D

Acq: 15 Aug 2024 10:34

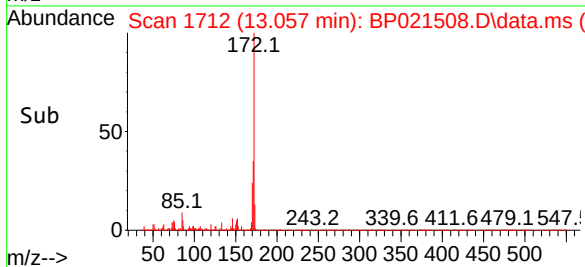
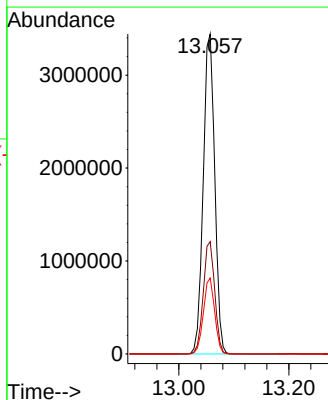
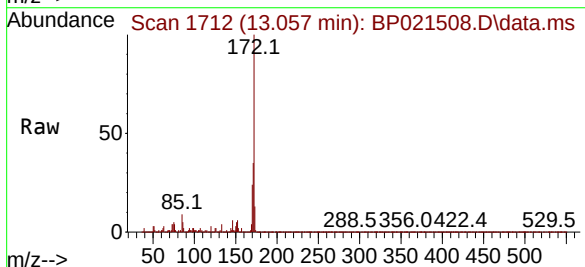
Tgt Ion:172 Resp: 4991005

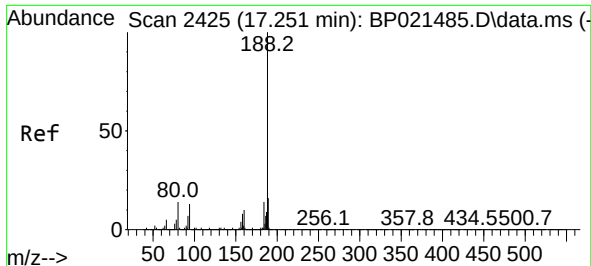
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.8 18.4 27.6

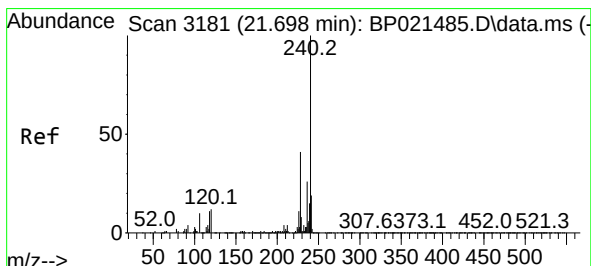
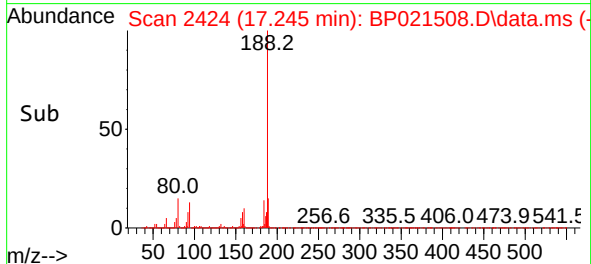
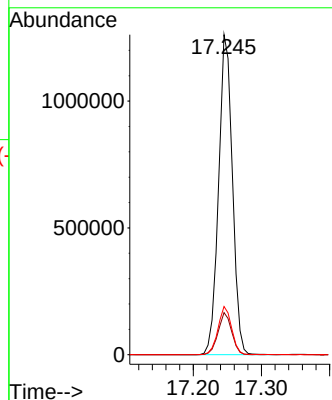
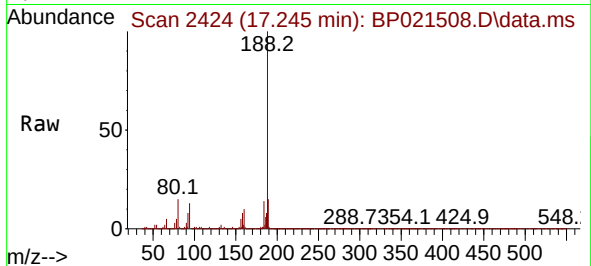




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

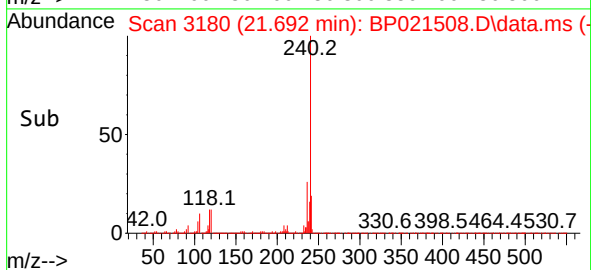
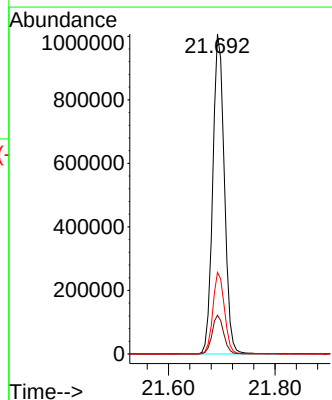
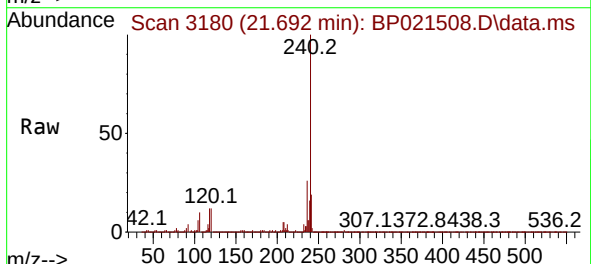
Instrument :
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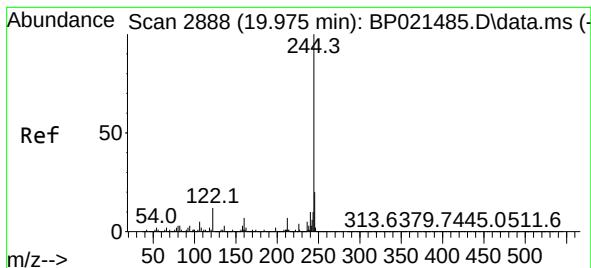
Tgt Ion:188 Resp: 1778741
Ion Ratio Lower Upper
188 100
94 13.2 10.2 15.4
80 15.1 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:240 Resp: 1519987
Ion Ratio Lower Upper
240 100
120 12.1 9.9 14.9
236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 101.635 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.007 min

Lab File: BP021508.D

Acq: 15 Aug 2024 10:34

Instrument :

BNA_P

ClientSampleId :

PB162553BL

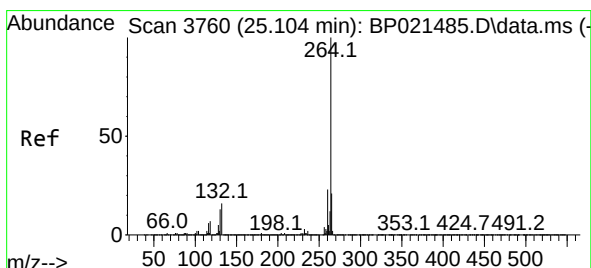
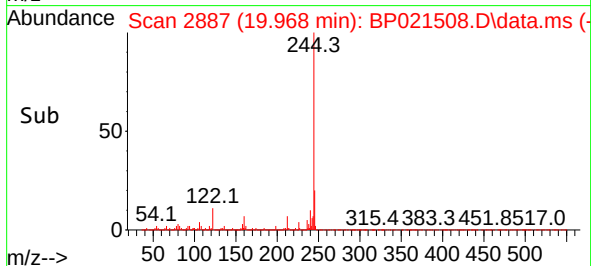
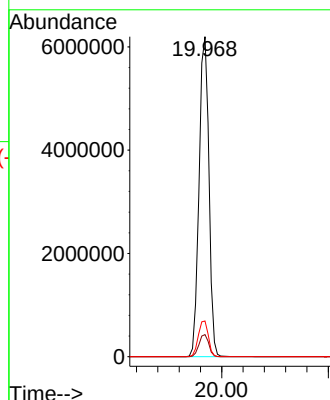
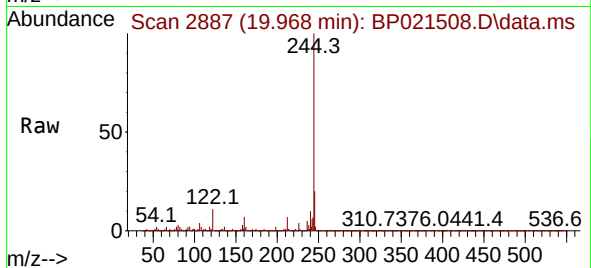
Tgt Ion:244 Resp: 7951893

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.092 min Scan# 3758

Delta R.T. -0.012 min

Lab File: BP021508.D

Acq: 15 Aug 2024 10:34

Tgt Ion:264 Resp: 1612619

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.4 17.1 25.7

