

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021589.D
 Acq On : 21 Aug 2024 02:44
 Operator : RC/JU
 Sample : P3657-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 917-J-WS-081624

Quant Time: Aug 21 05:40:51 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	352980	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1458861	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	956855	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2099848	20.000	ng	0.02
76) Chrysene-d12	21.727	240	1963856	20.000	ng	0.03
86) Perylene-d12	25.168	264	2261178	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1238318	52.092	ng	0.01
7) Phenol-d6	6.969	99	1142521	32.947	ng	0.00
23) Nitrobenzene-d5	8.952	82	2318497	82.029	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	1906699	179.043	ng	0.01
45) 2-Fluorobiphenyl	13.069	172	4784620	76.313	ng	0.00
79) Terphenyl-d14	19.992	244	9705536	96.011	ng	0.02

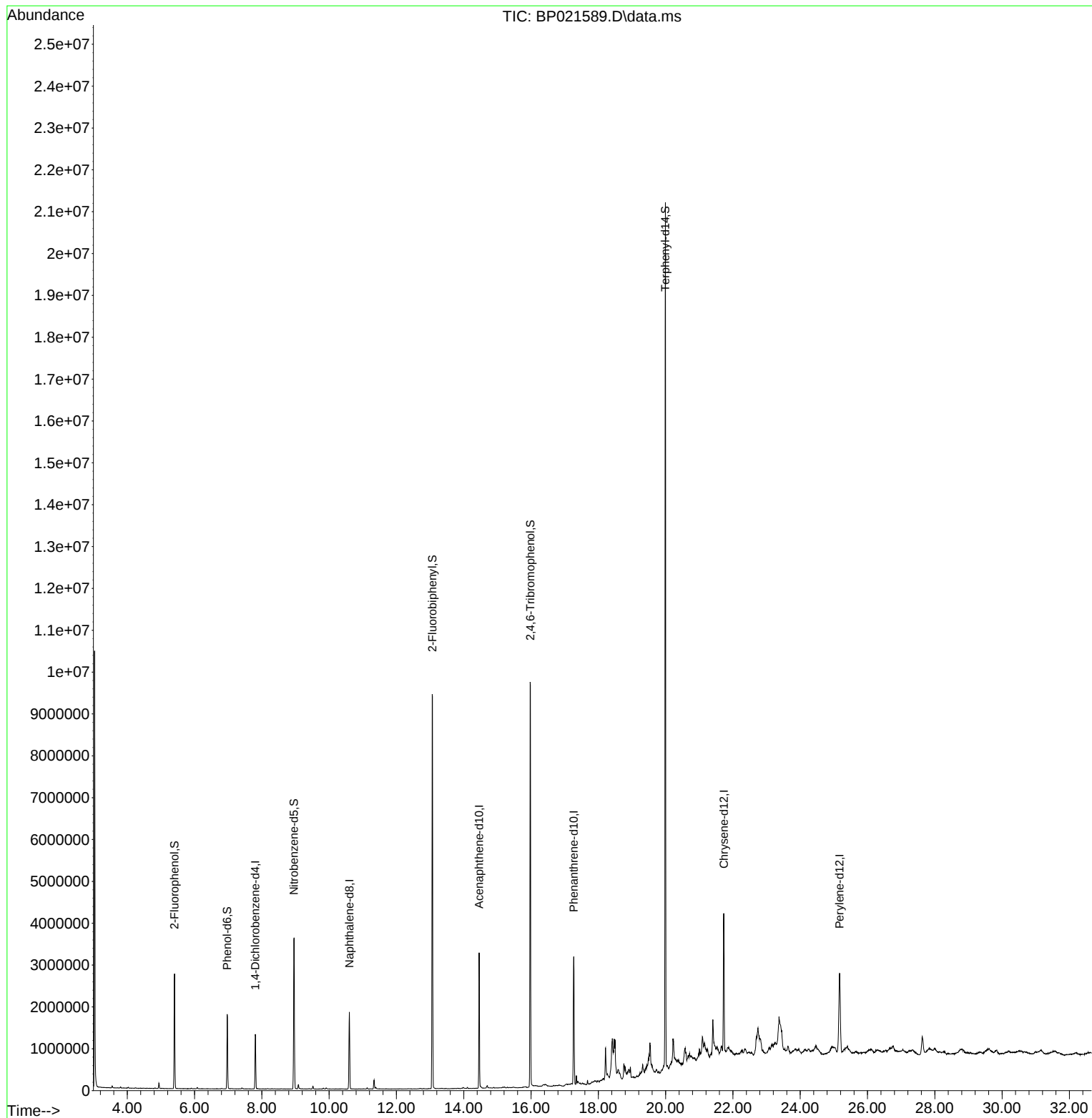
Target Compounds	Qvalue

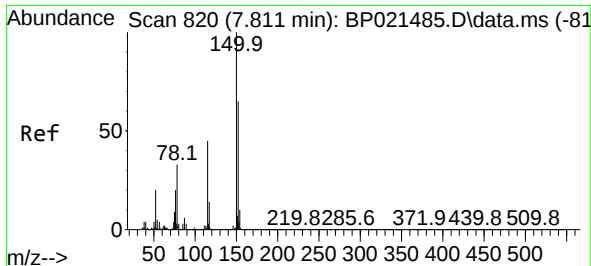
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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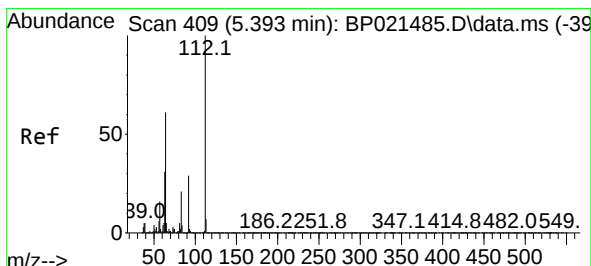
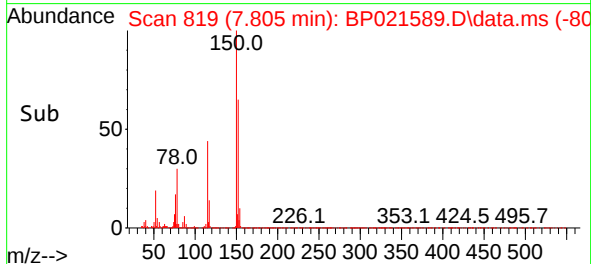
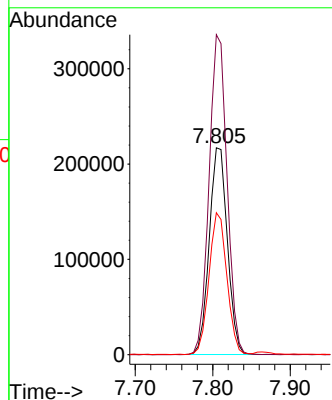
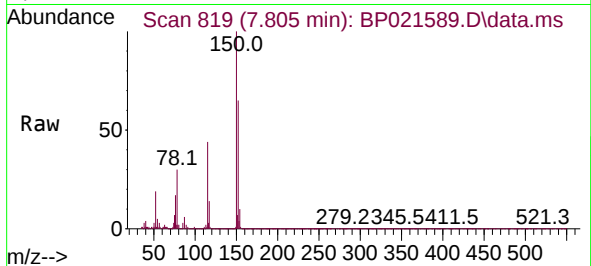




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

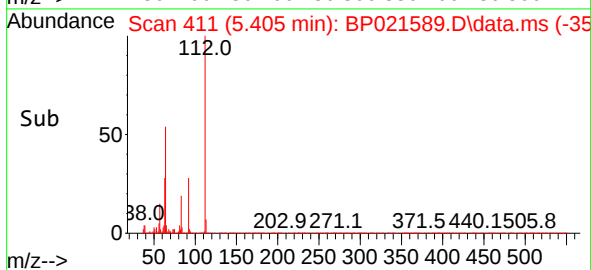
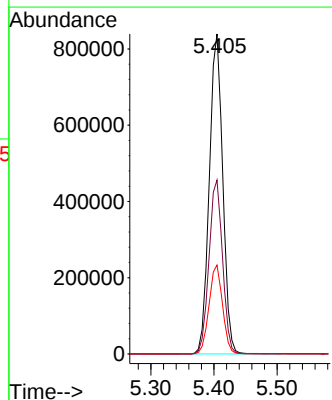
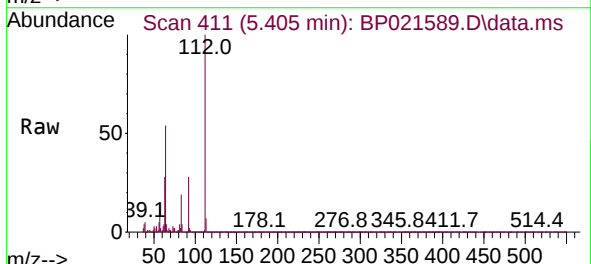
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

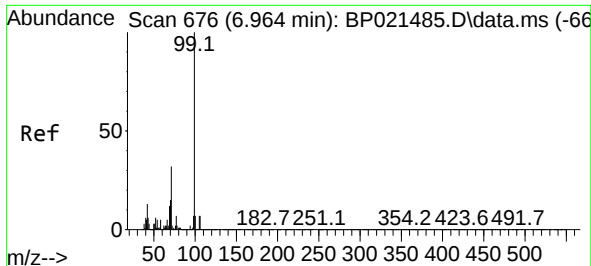
Tgt Ion:152 Resp: 352980
Ion Ratio Lower Upper
152 100
150 154.7 122.4 183.6
115 68.6 54.7 82.1



#5
2-Fluorophenol
Concen: 52.092 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:112 Resp: 1238318
Ion Ratio Lower Upper
112 100
64 54.3 49.0 73.6
63 27.8 24.6 36.8

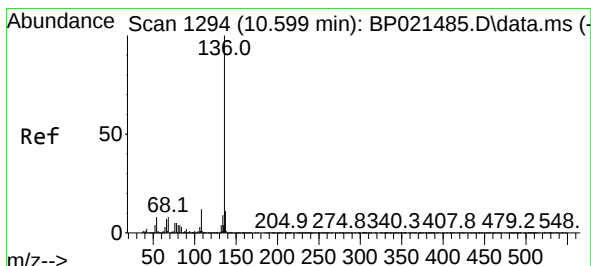
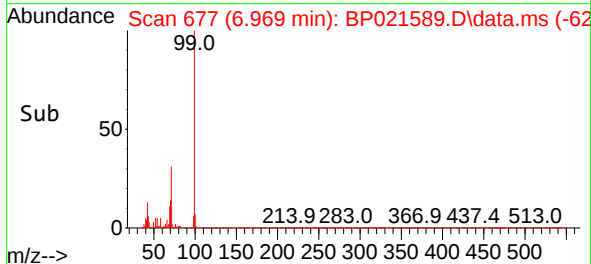
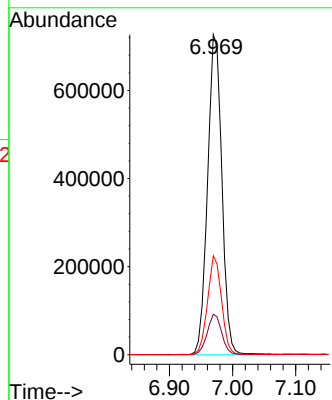
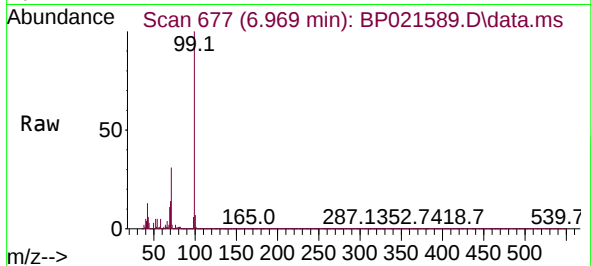




#7
Phenol-d6
Concen: 32.947 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

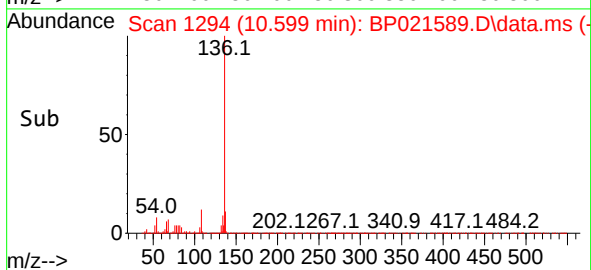
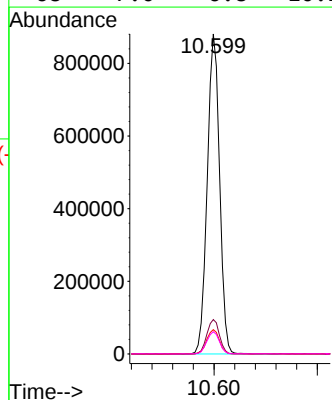
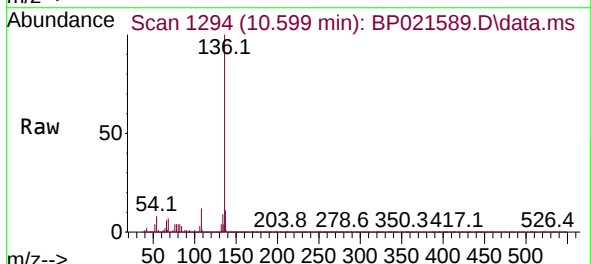
Instrument :
BNA_P
ClientSampleId :
917-J-WS-081624

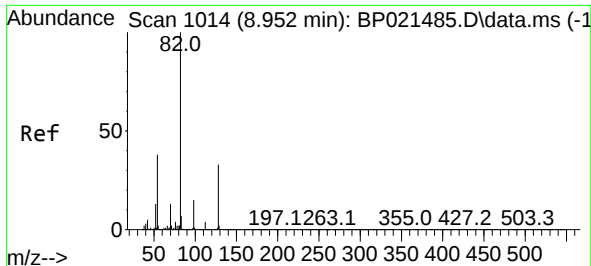
Tgt Ion: 99 Resp: 1142521
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion: 136 Resp: 1458861
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 7.0 6.8 10.2





#23

Nitrobenzene-d5

Concen: 82.029 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

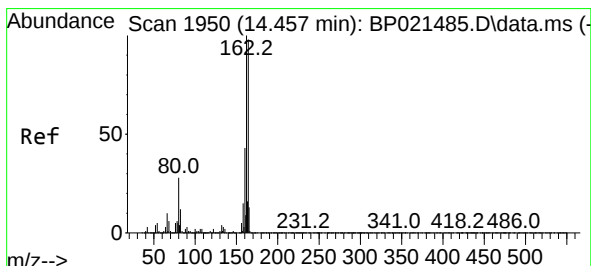
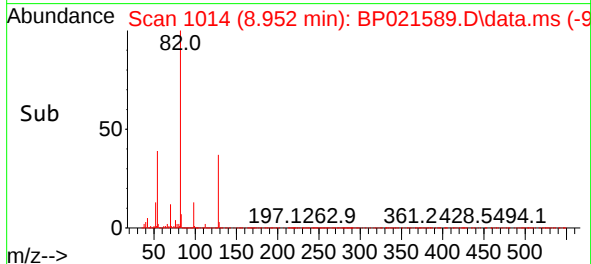
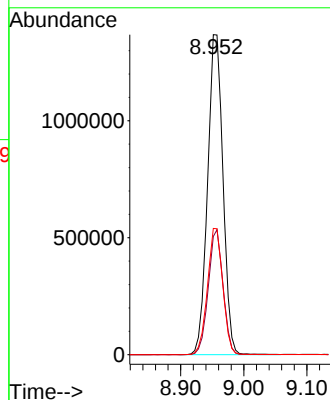
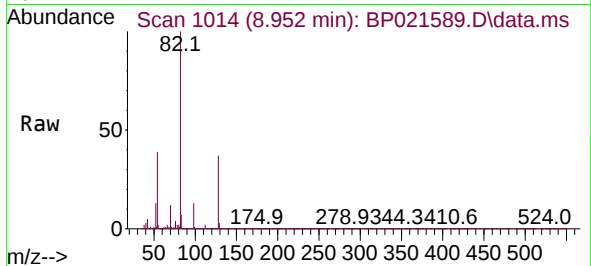
Tgt Ion: 82 Resp: 2318497

Ion Ratio Lower Upper

82 100

128 37.0 26.5 39.7

54 39.5 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: BP021589.D

Acq: 21 Aug 2024 02:44

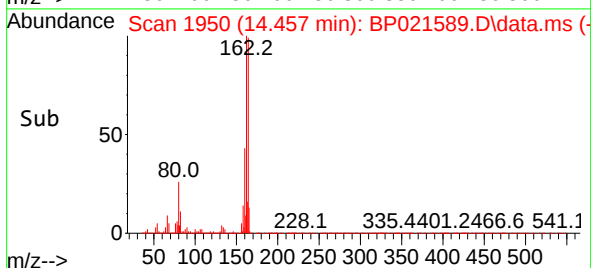
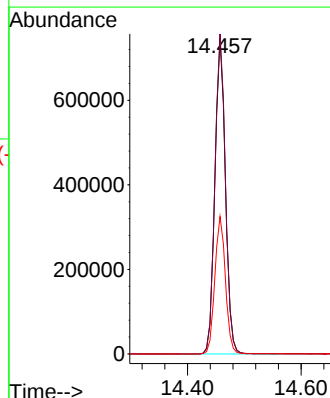
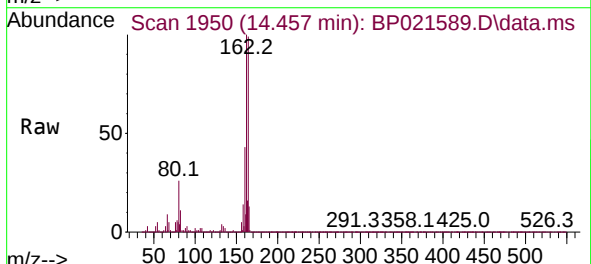
Tgt Ion:164 Resp: 956855

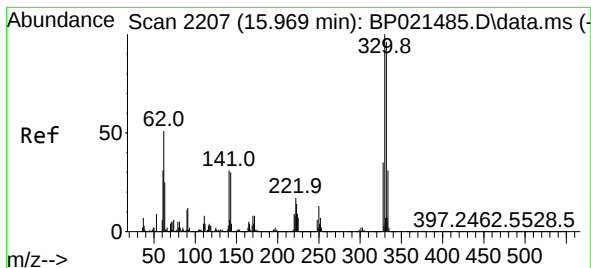
Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 179.043 ng

RT: 15.981 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

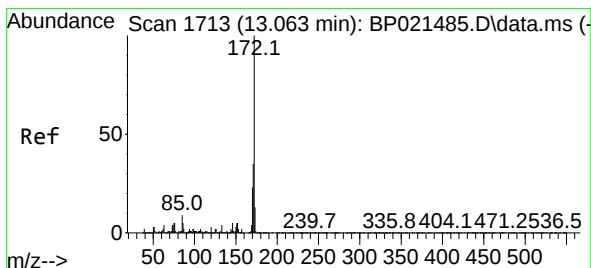
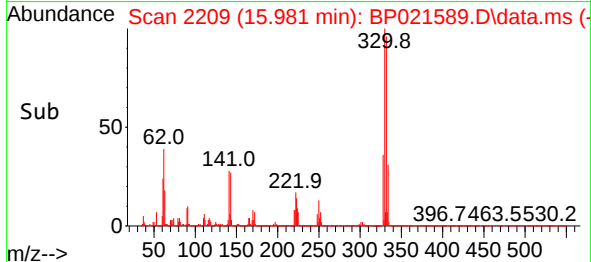
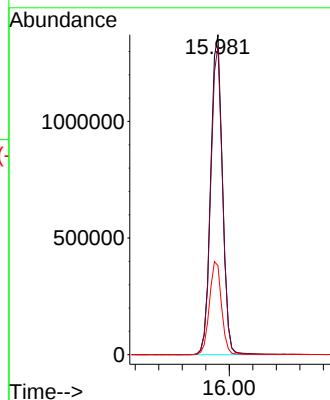
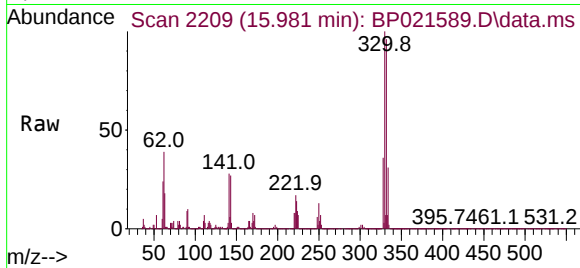
Tgt Ion:330 Resp: 1906699

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 29.8 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 76.313 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

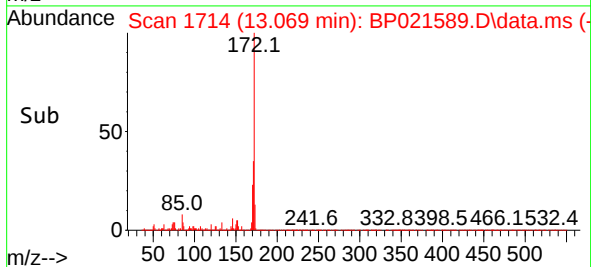
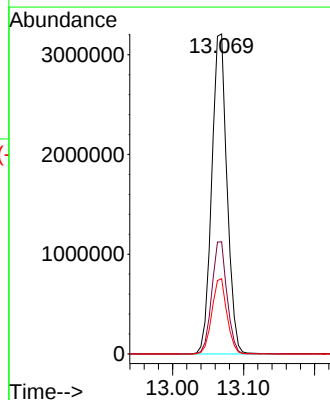
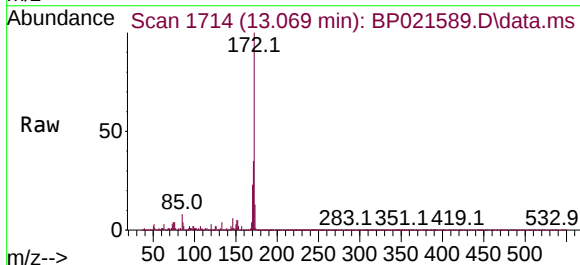
Tgt Ion:172 Resp: 4784620

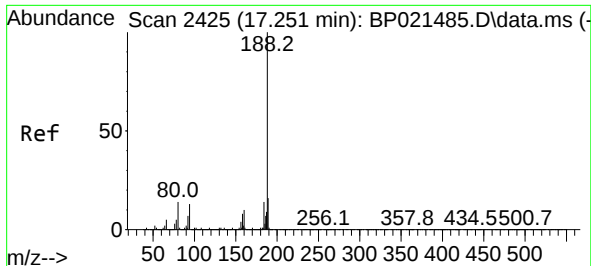
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.5 18.4 27.6

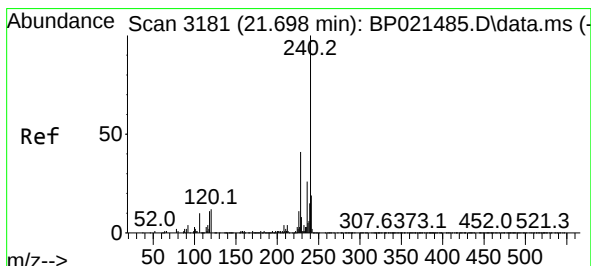
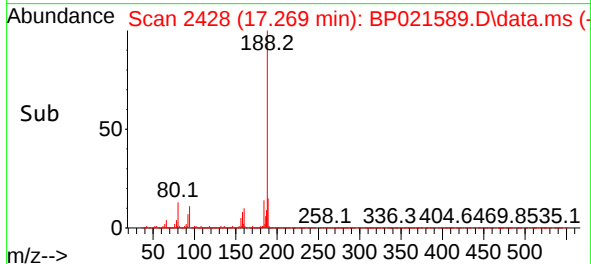
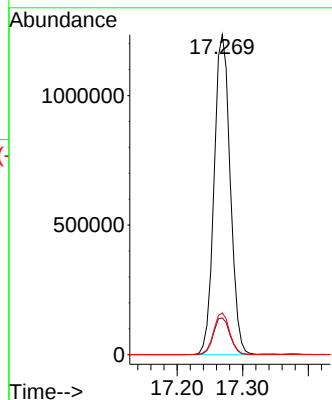
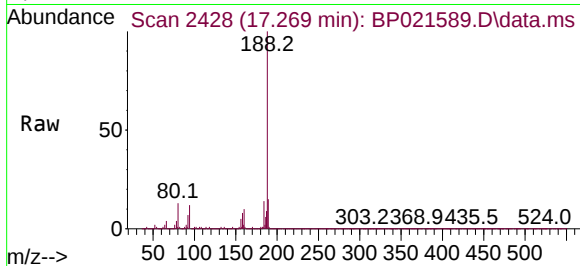




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.018 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

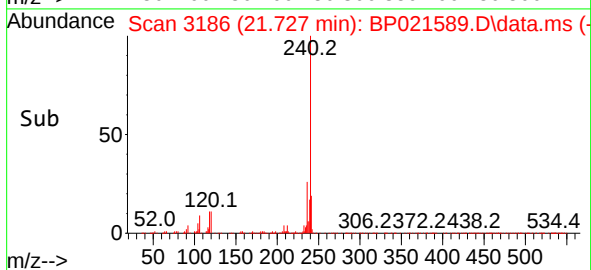
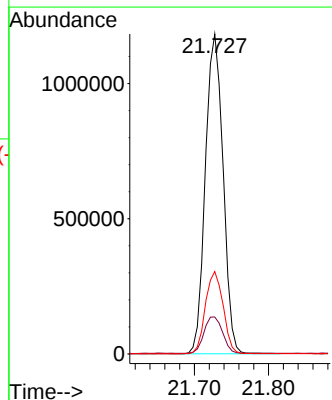
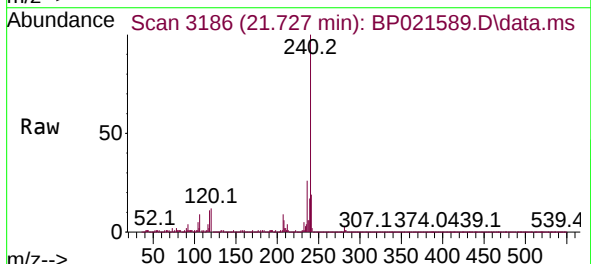
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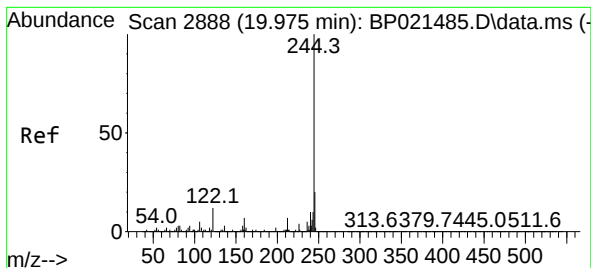
Tgt Ion:188 Resp: 2099848
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 13.1 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.029 min
Lab File: BP021589.D
Acq: 21 Aug 2024 02:44

Tgt Ion:240 Resp: 1963856
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 96.011 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Instrument :

BNA_P

ClientSampleId :

917-J-WS-081624

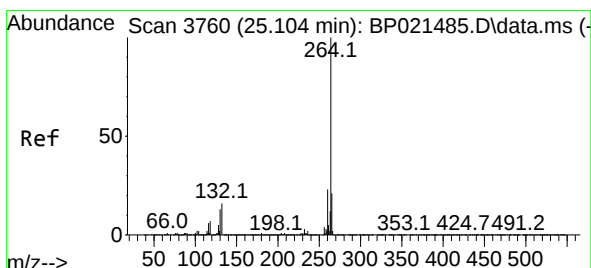
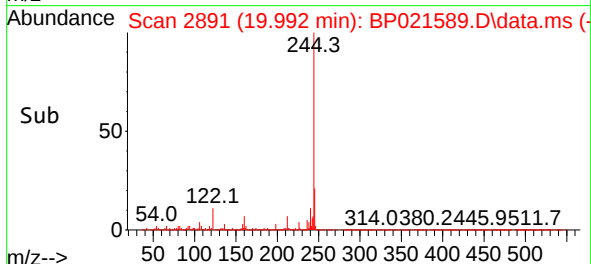
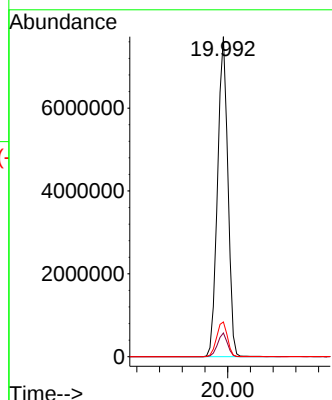
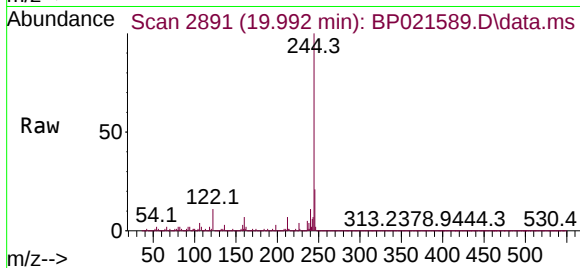
Tgt Ion:244 Resp: 9705536

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 10.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021589.D

Acq: 21 Aug 2024 02:44

Tgt Ion:264 Resp: 2261178

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.8 17.1 25.7

