

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021535.D
 Acq On : 16 Aug 2024 11:42
 Operator : RC/JU
 Sample : P3518-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-02-080724RE

Quant Time: Aug 16 12:44:43 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	7.816	152	468282	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	2068123	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1413971	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2877591	20.000	ng	0.01
76) Chrysene-d12	21.710	240	1664819	20.000	ng	0.01
86) Perylene-d12	25.133	264	1937844	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1833053	58.124	ng	0.02
7) Phenol-d6	6.975	99	2710150	58.909	ng	0.01
23) Nitrobenzene-d5	8.957	82	1623538	40.519	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	934743	59.398	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2666687	28.783	ng	0.00
79) Terphenyl-d14	19.975	244	2918550	34.057	ng	0.00

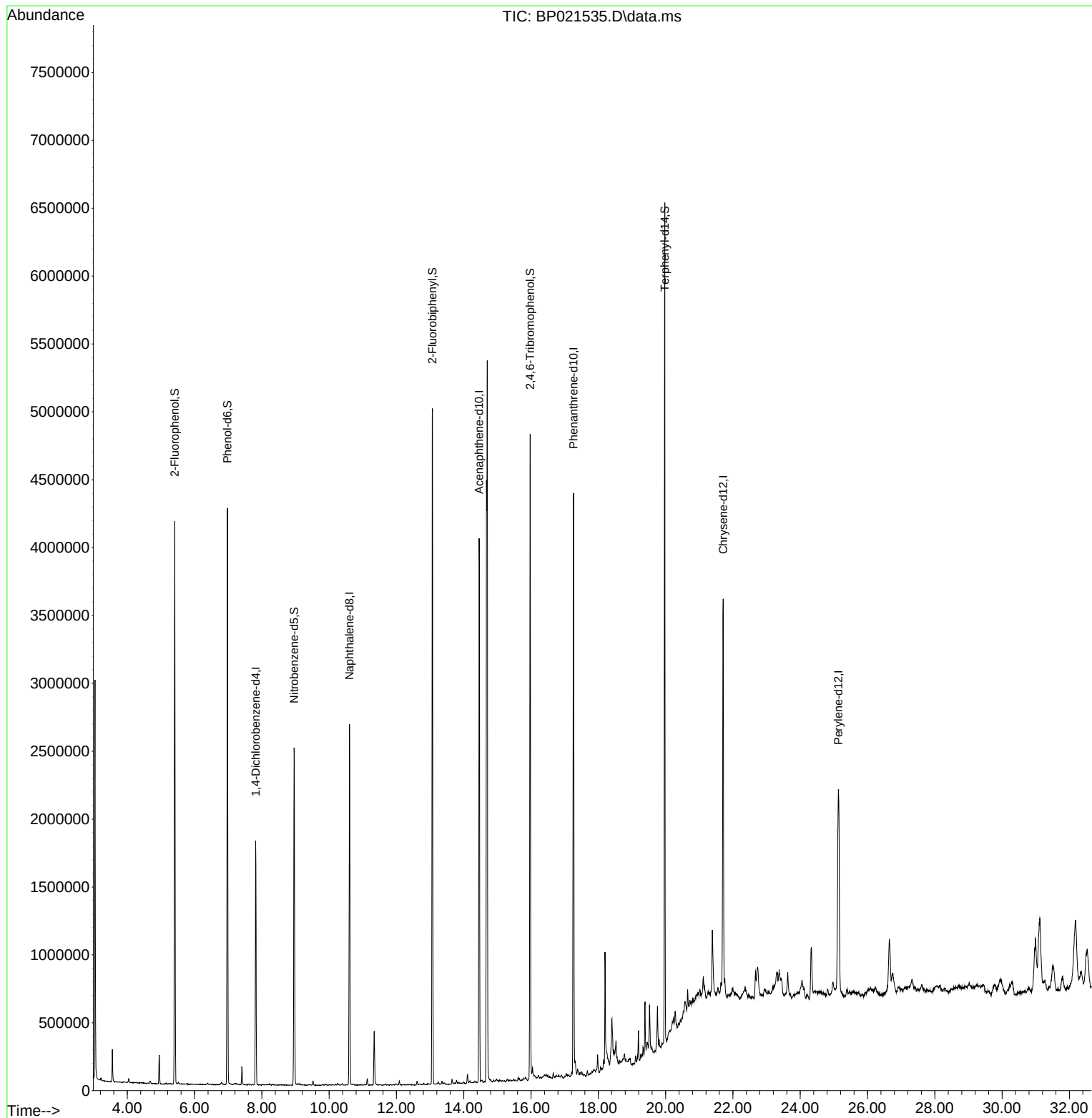
Target Compounds	Qvalue

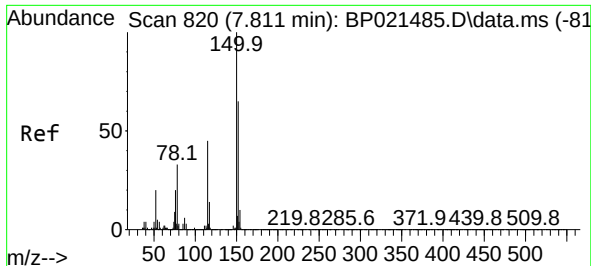
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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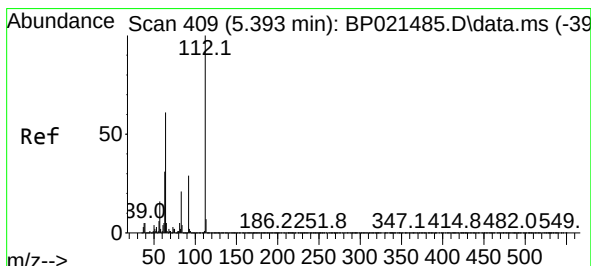
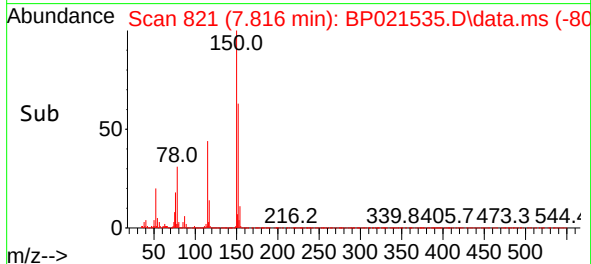
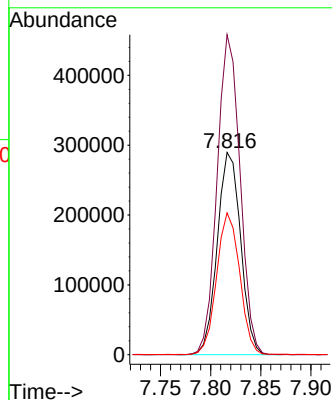
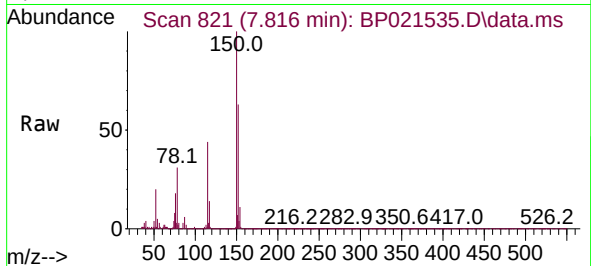




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

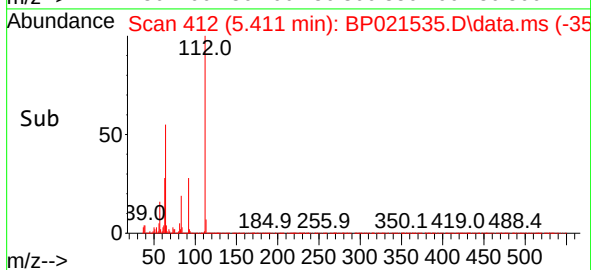
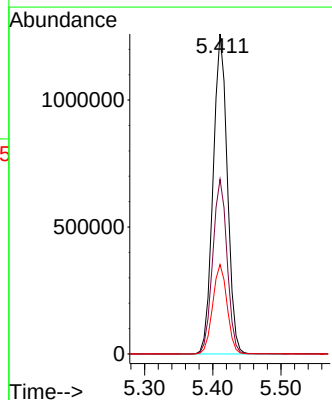
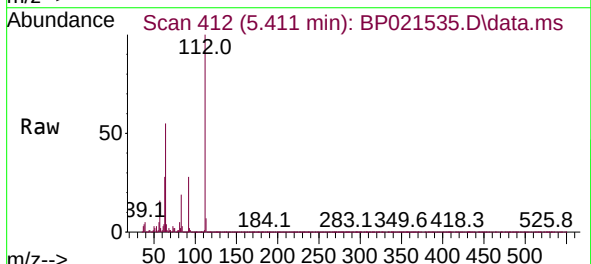
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

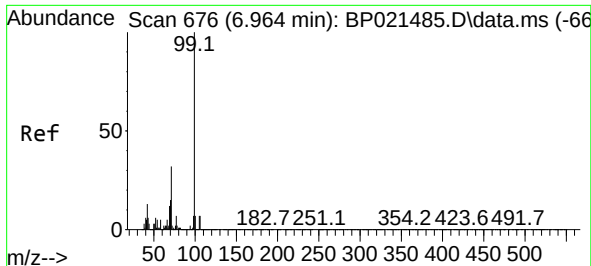
Tgt Ion:152 Resp: 468282
Ion Ratio Lower Upper
152 100
150 158.3 122.4 183.6
115 70.1 54.7 82.1



#5
2-Fluorophenol
Concen: 58.124 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion:112 Resp: 1833053
Ion Ratio Lower Upper
112 100
64 54.6 49.0 73.6
63 28.0 24.6 36.8





#7

Phenol-d6

Concen: 58.909 ng

RT: 6.975 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

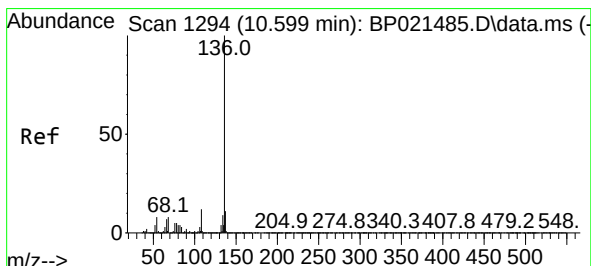
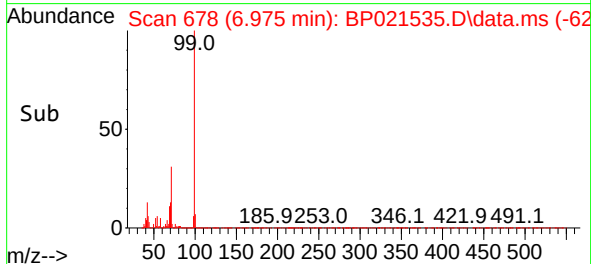
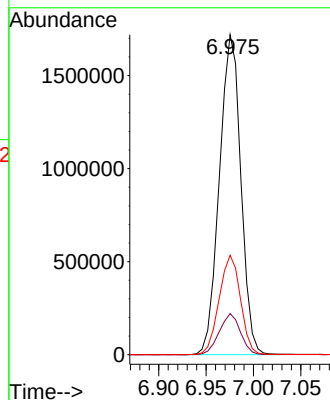
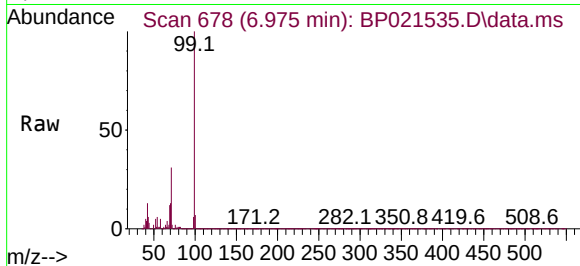
BNA_P

ClientSampleId :

OU4-TS-02-080724RE

Tgt Ion: 99 Resp: 2710150

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.2	15.4
71	31.1	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

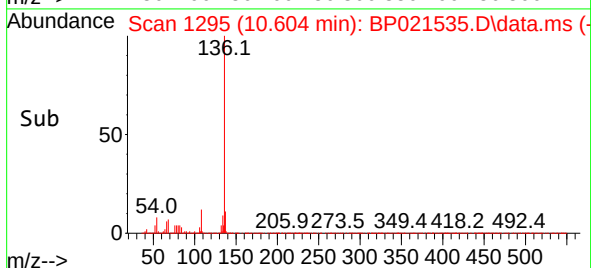
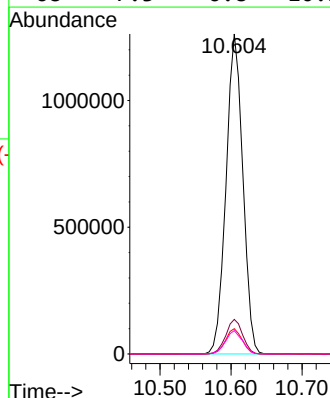
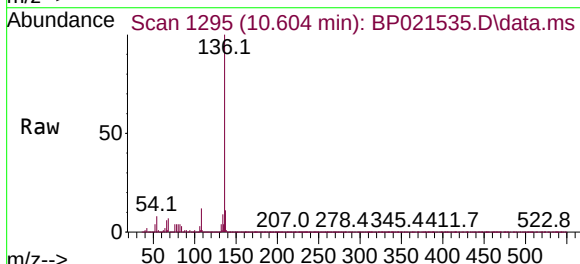
Delta R.T. 0.005 min

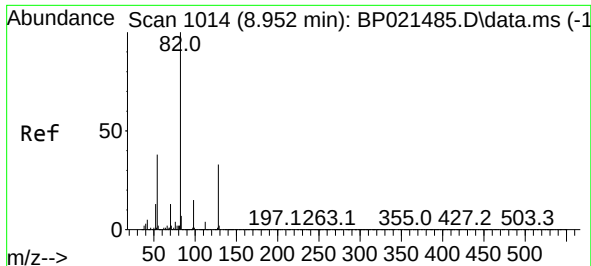
Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Tgt Ion: 136 Resp: 2068123

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.3	9.5
68	7.3	6.8	10.2

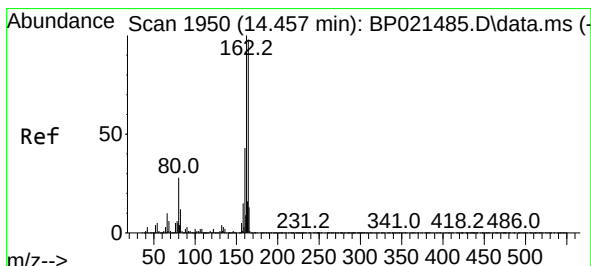
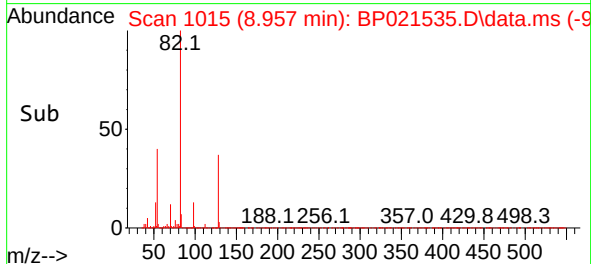
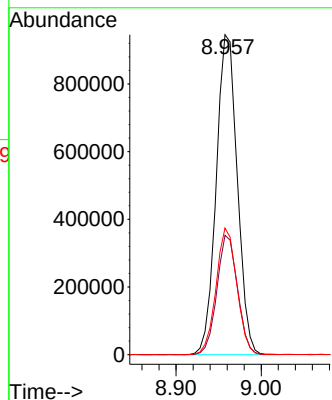
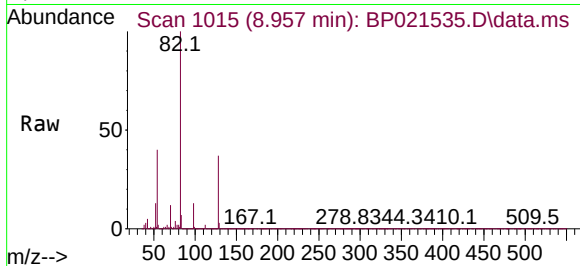




#23
Nitrobenzene-d5
Concen: 40.519 ng
RT: 8.957 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

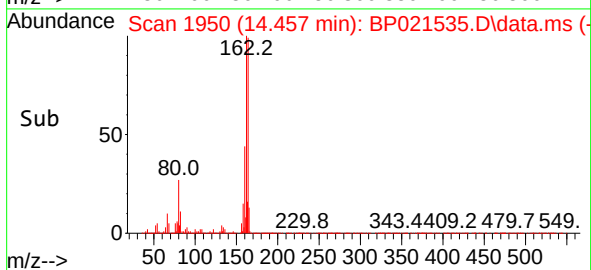
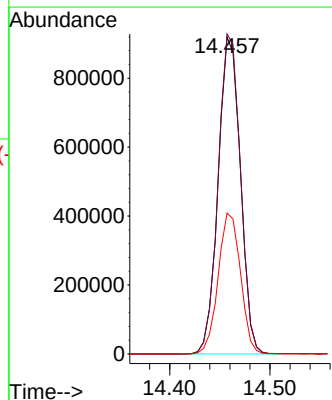
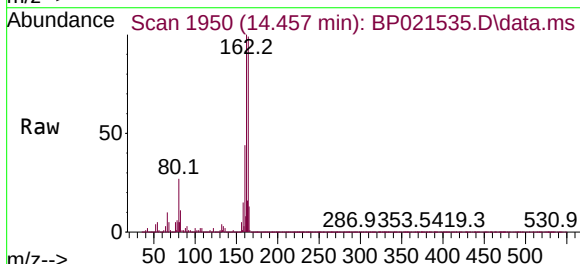
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

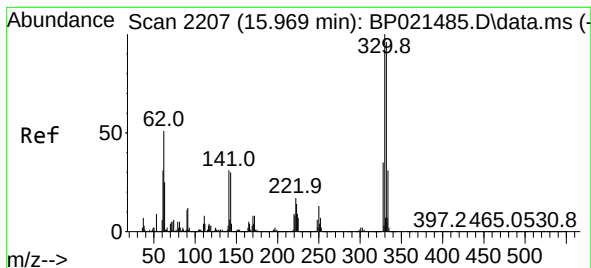
Tgt Ion: 82 Resp: 1623538
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 39.6 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion:164 Resp: 1413971
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 59.398 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

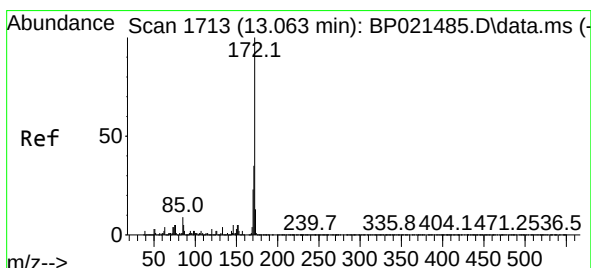
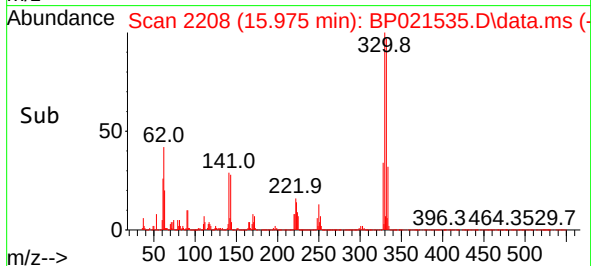
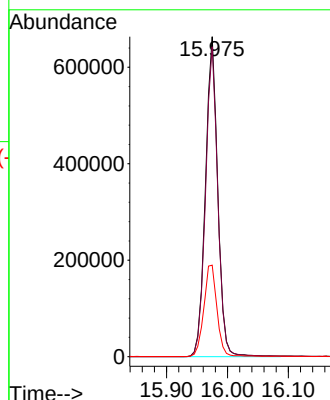
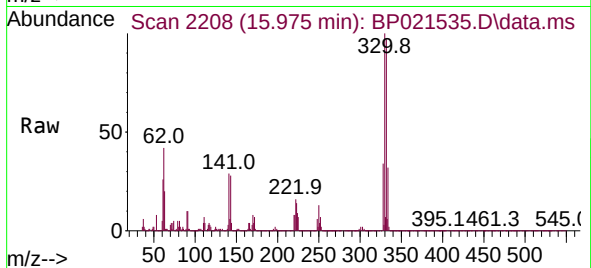
Tgt Ion:330 Resp: 934743

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 30.5 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 28.783 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

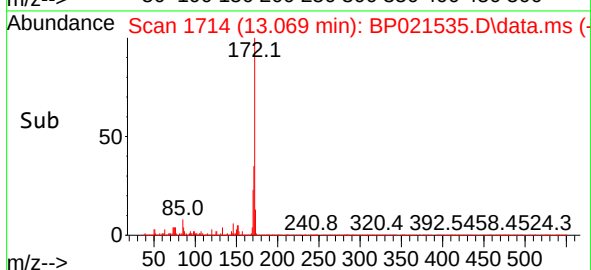
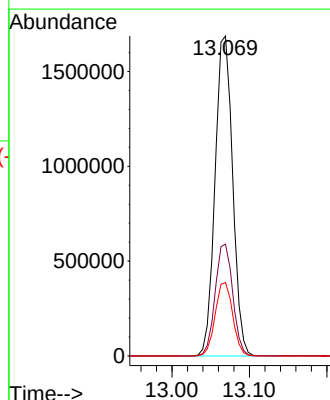
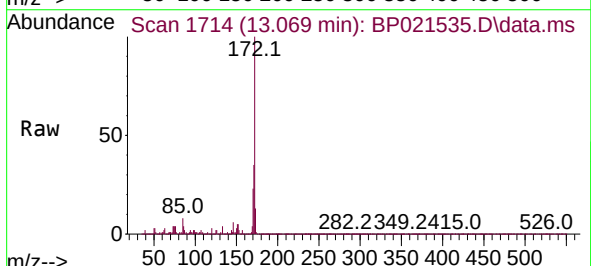
Tgt Ion:172 Resp: 2666687

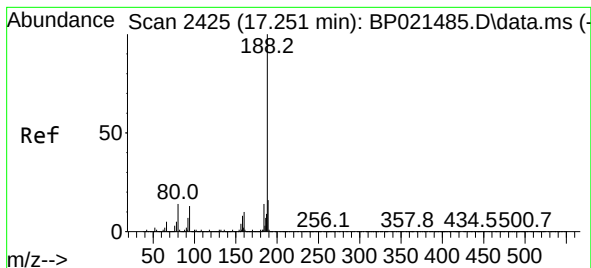
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

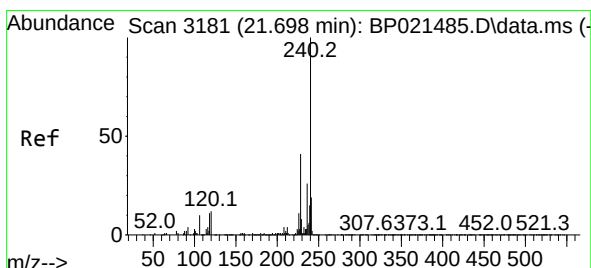
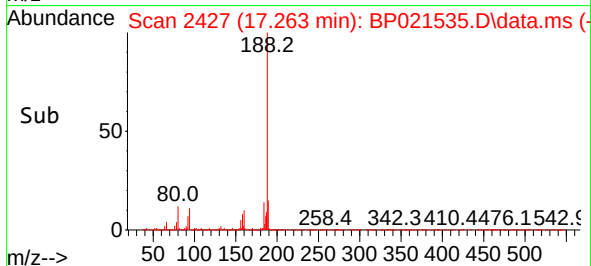
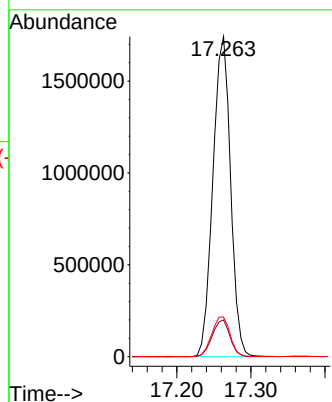
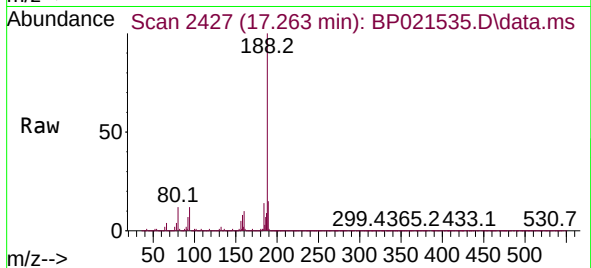
Tgt Ion:188 Resp: 2877591

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: 21.710 min Scan# 3183

Delta R.T. 0.012 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

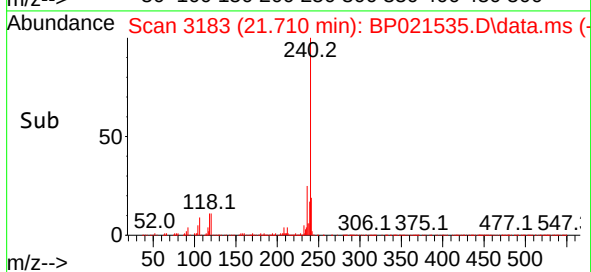
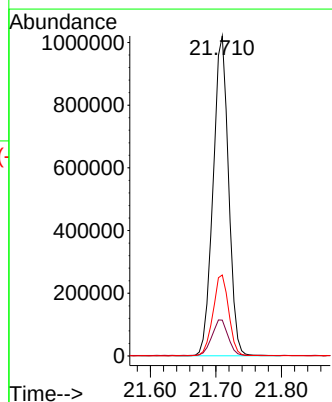
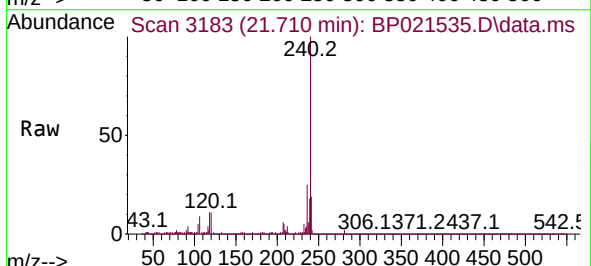
Tgt Ion:240 Resp: 1664819

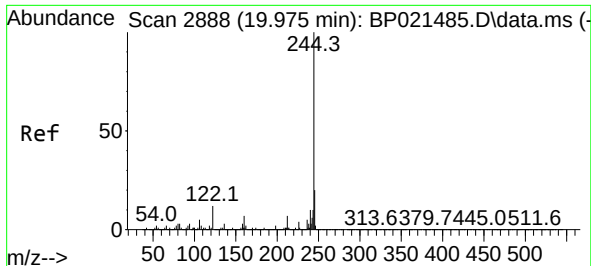
Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 25.3 20.6 30.8

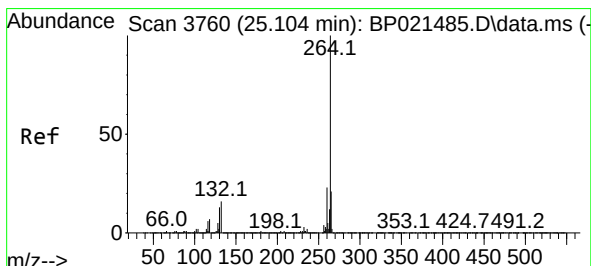
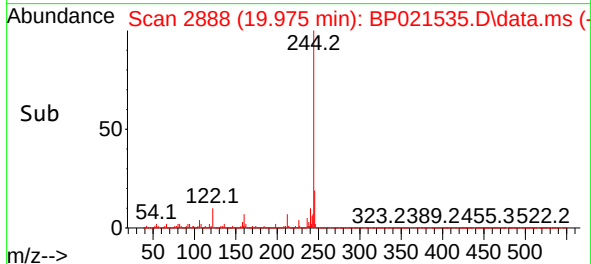
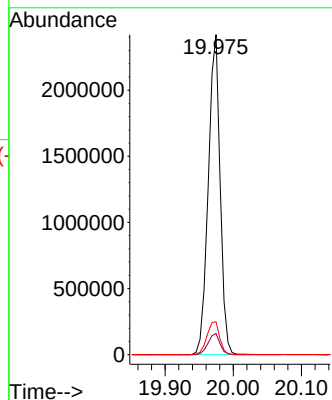
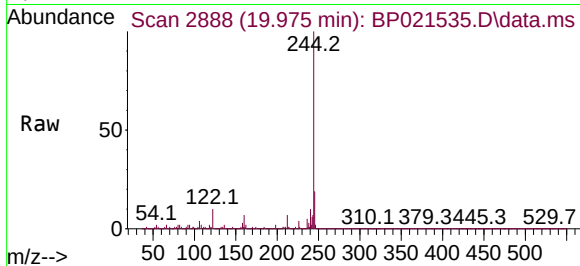




#79
 Terphenyl-d14
 Concen: 34.057 ng
 RT: 19.975 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP021535.D
 Acq: 16 Aug 2024 11:42

Instrument :
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 OU4-TS-02-080724RE

Tgt Ion:244 Resp: 2918550
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.133 min Scan# 3765
 Delta R.T. 0.029 min
 Lab File: BP021535.D
 Acq: 16 Aug 2024 11:42

Tgt Ion:264 Resp: 1937844
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.6 17.1 25.7

