

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019659.D
 Acq On : 12 Feb 2024 13:05
 Operator : MA/JU
 Sample : P1379-01RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RE137-CARBON-20240205RX

Quant Time: Feb 12 13:42:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

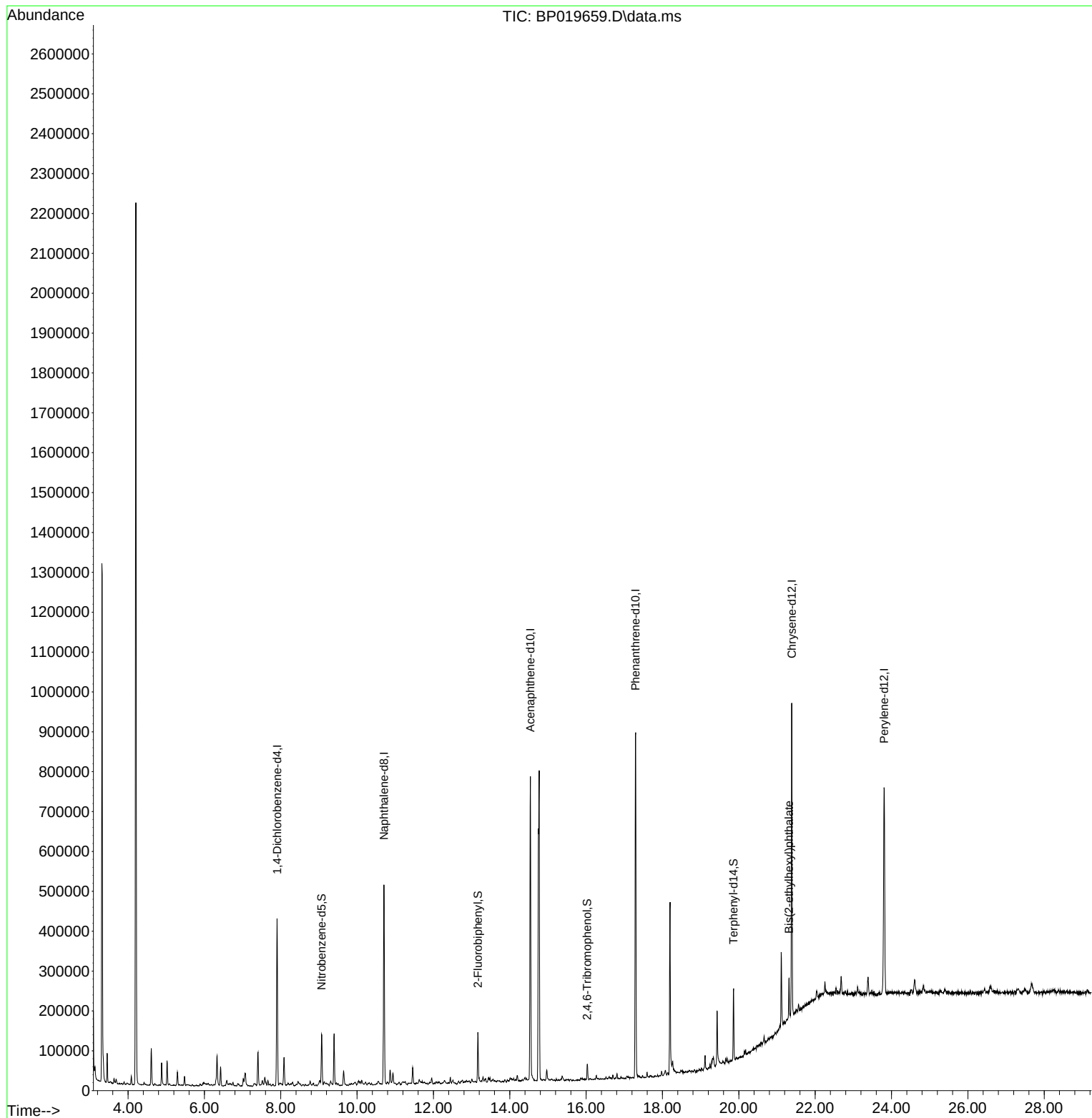
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	105972	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	403714	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	269125	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	581921	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	387469	20.000	ng	0.00
86) Perylene-d12	23.804	264	440472	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	9861	1.500	ng	0.00
7) Phenol-d6	7.075	99	15445	1.742	ng	-0.01
23) Nitrobenzene-d5	9.069	82	75979	8.155	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	8001	2.036	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	65932	3.029	ng	-0.02
79) Terphenyl-d14	19.863	244	90821	3.855	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.316	149	44811	2.882	ng	Qvalue 98

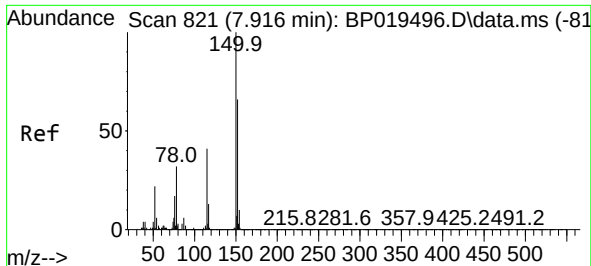
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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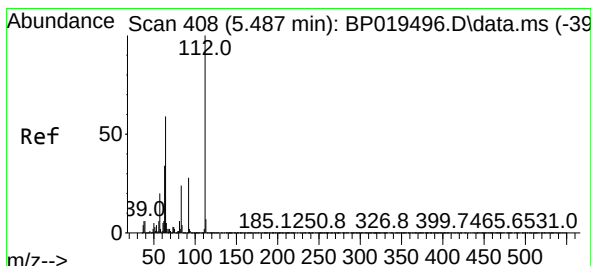
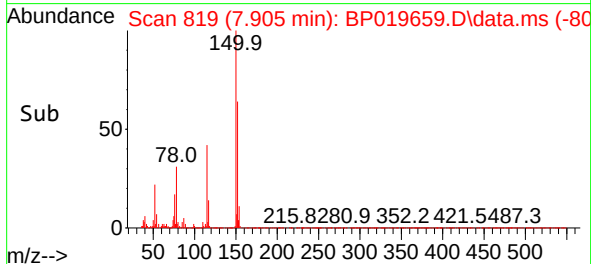
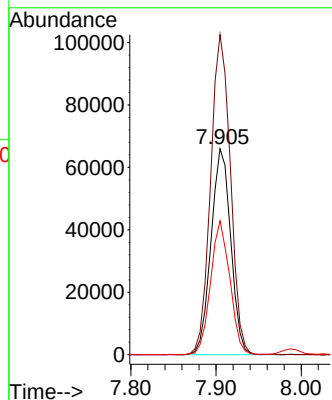
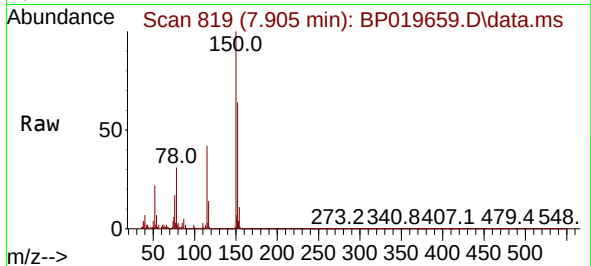




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019659.D
Acq: 12 Feb 2024 13:05

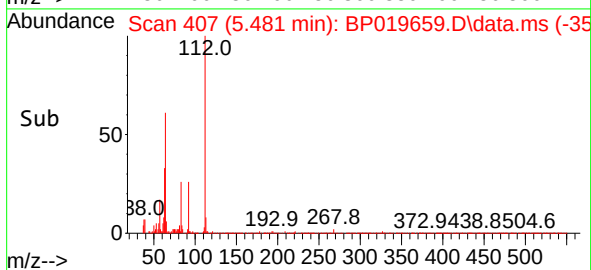
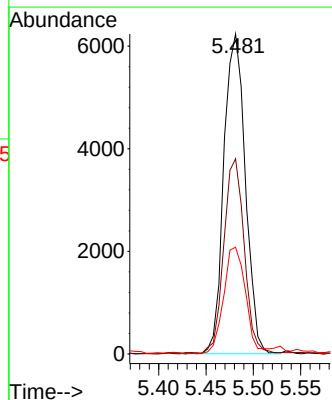
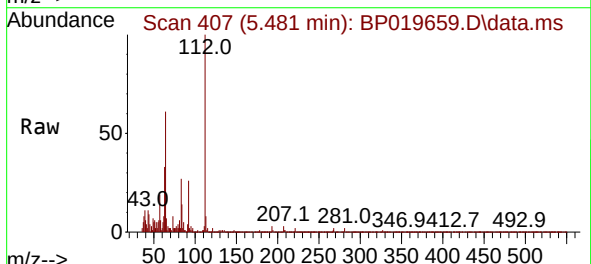
Instrument :
BNA_P
ClientSampleId :
RE137-CARBON-20240205RX

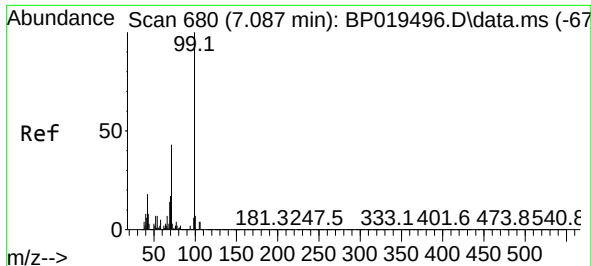
Tgt Ion:152 Resp: 105972
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.8
115 65.1 49.9 74.9



#5
2-Fluorophenol
Concen: 1.500 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019659.D
Acq: 12 Feb 2024 13:05

Tgt Ion:112 Resp: 9861
Ion Ratio Lower Upper
112 100
64 61.0 47.4 71.0
63 33.4 27.0 40.6





#7

Phenol-d6

Concen: 1.742 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.011 min

Lab File: BP019659.D

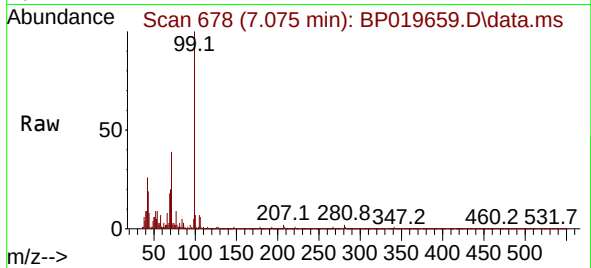
Acq: 12 Feb 2024 13:05

Instrument :

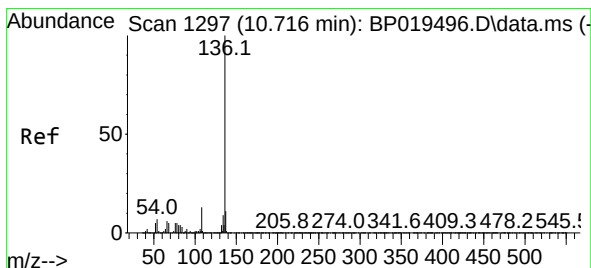
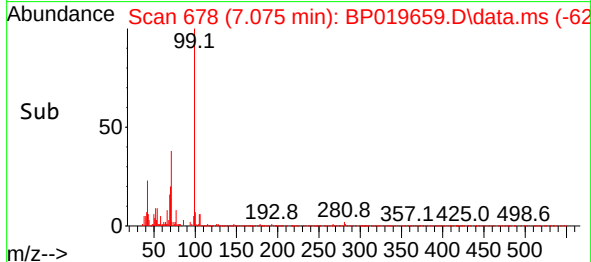
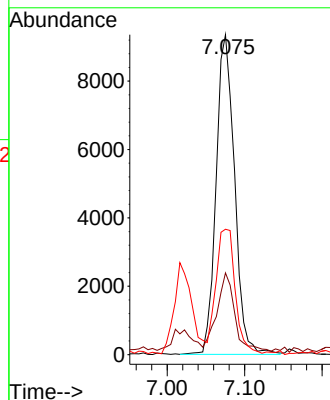
BNA_P

ClientSampleId :

RE137-CARBON-20240205RX



Tgt Ion:	99	Resp:	15445
Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.7	22.1#
71	39.2	34.8	52.2



#21

Naphthalene-d8

Concen: 20.000 ng

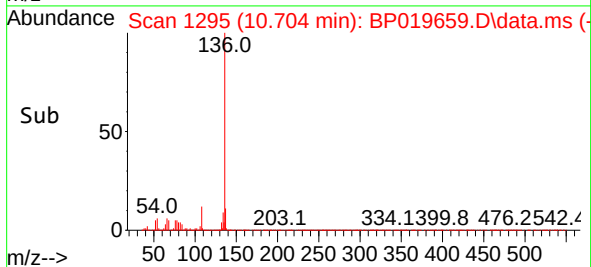
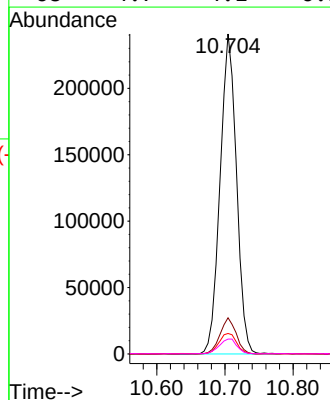
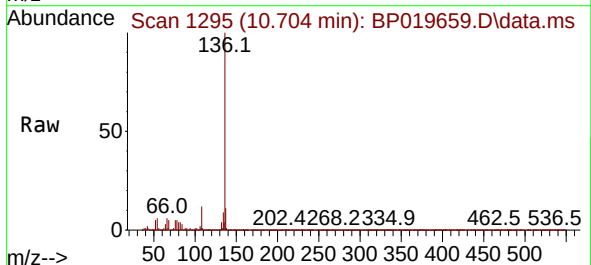
RT: 10.704 min Scan# 1295

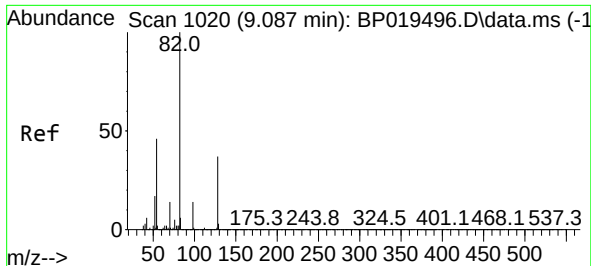
Delta R.T. -0.011 min

Lab File: BP019659.D

Acq: 12 Feb 2024 13:05

Tgt Ion:	136	Resp:	403714
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.4	5.3	7.9
68	4.7	4.1	6.1

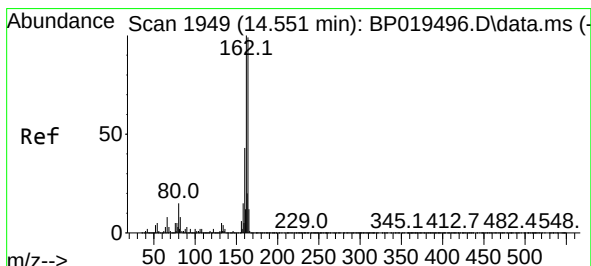
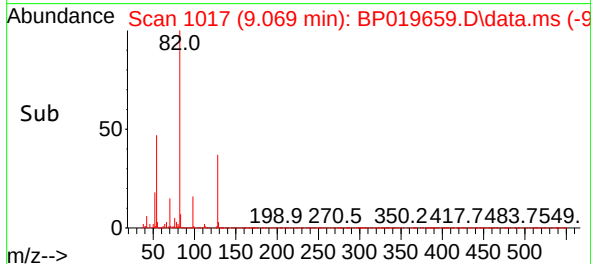
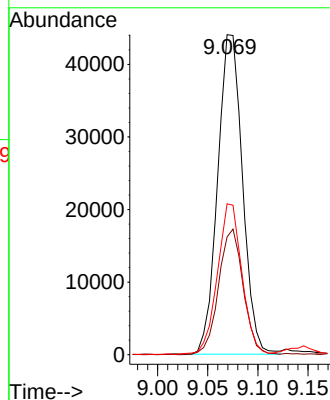
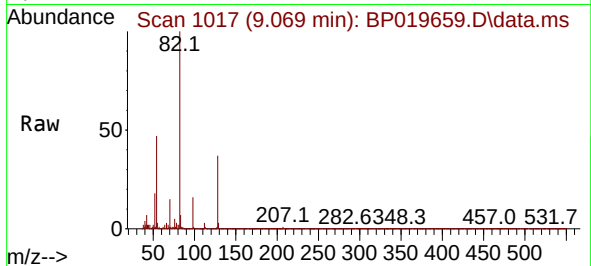




#23
Nitrobenzene-d5
Concen: 8.155 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019659.D
Acq: 12 Feb 2024 13:05

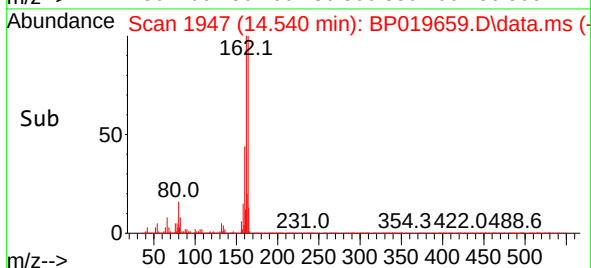
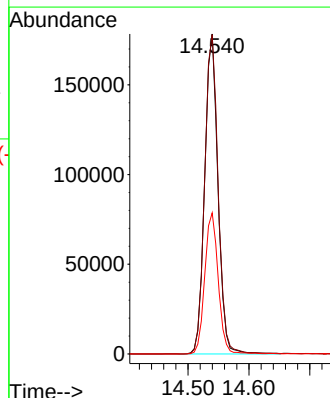
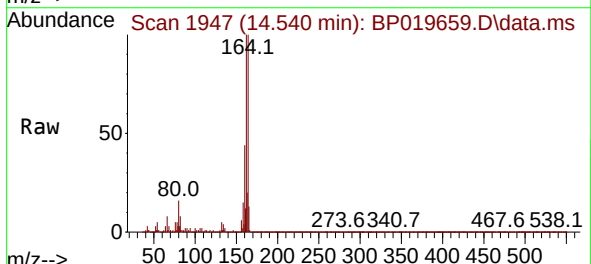
Instrument :
BNA_P
ClientSampleId :
RE137-CARBON-20240205RX

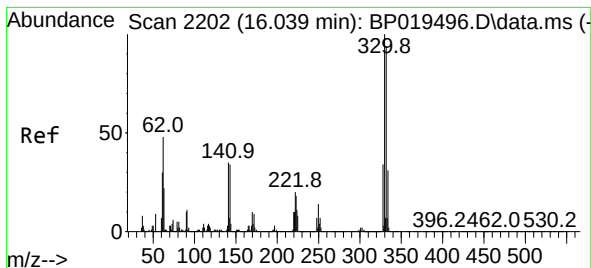
Tgt Ion: 82 Resp: 75979
Ion Ratio Lower Upper
82 100
128 36.8 29.7 44.5
54 47.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019659.D
Acq: 12 Feb 2024 13:05

Tgt Ion:164 Resp: 269125
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 2.036 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019659.D

Acq: 12 Feb 2024 13:05

Instrument :

BNA_P

ClientSampleId :

RE137-CARBON-20240205RX

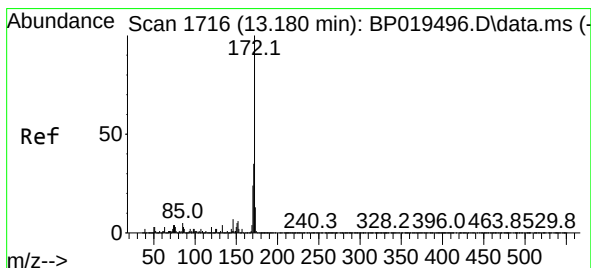
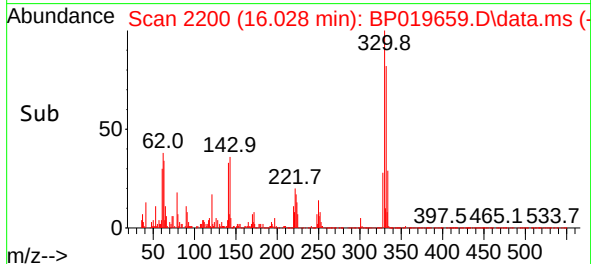
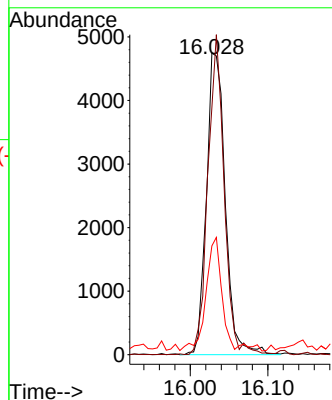
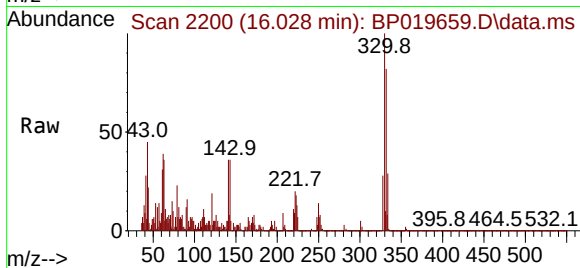
Tgt Ion:330 Resp: 8001

Ion Ratio Lower Upper

330 100

332 92.0 77.2 115.8

141 31.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 3.029 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019659.D

Acq: 12 Feb 2024 13:05

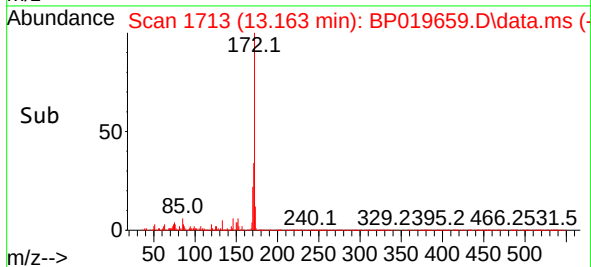
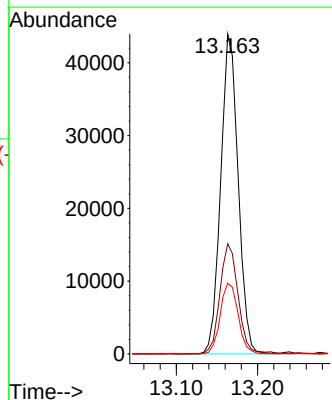
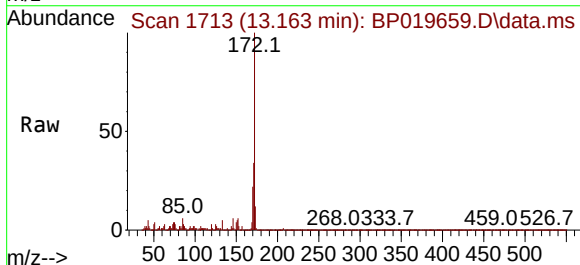
Tgt Ion:172 Resp: 65932

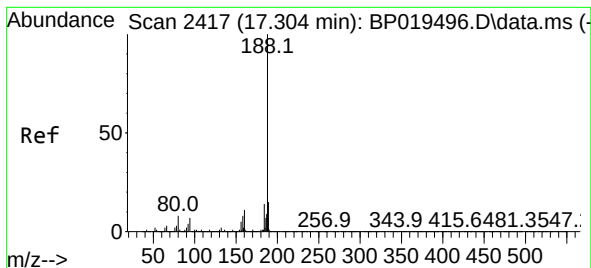
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019659.D

Acq: 12 Feb 2024 13:05

Instrument :

BNA_P

ClientSampleId :

RE137-CARBON-20240205RX

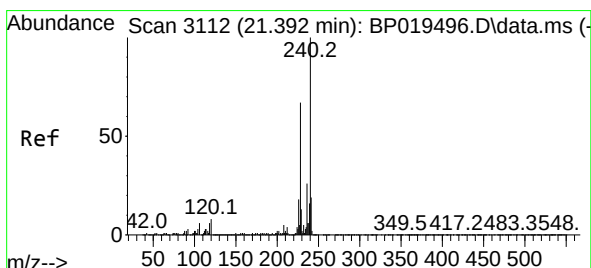
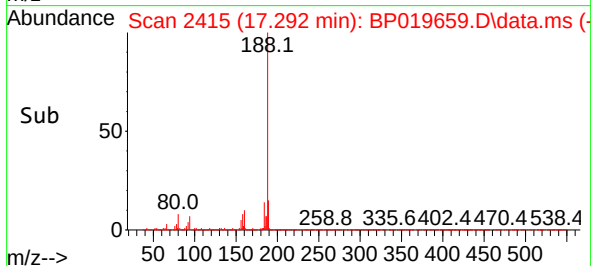
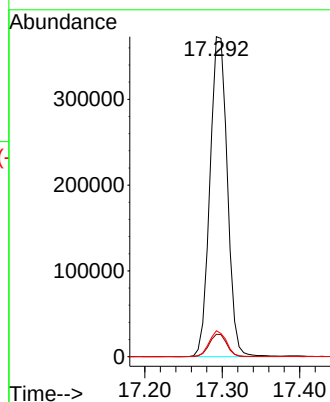
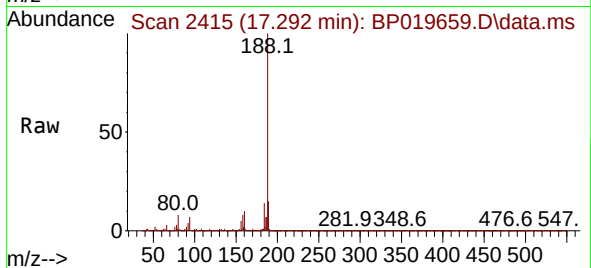
Tgt Ion:188 Resp: 581921

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.1 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019659.D

Acq: 12 Feb 2024 13:05

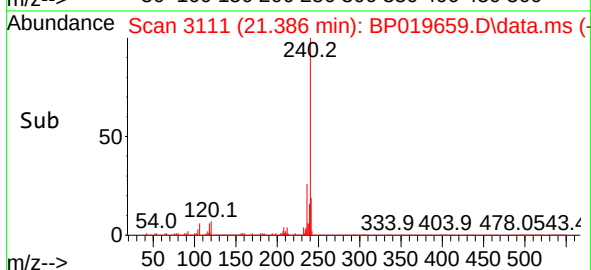
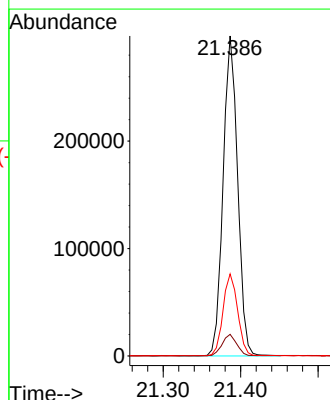
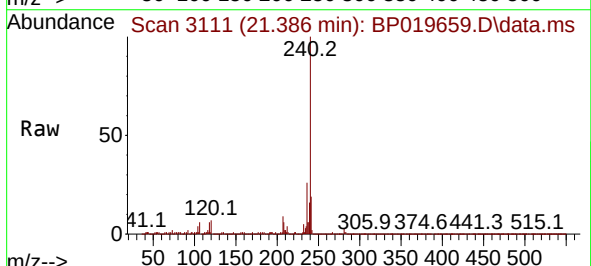
Tgt Ion:240 Resp: 387469

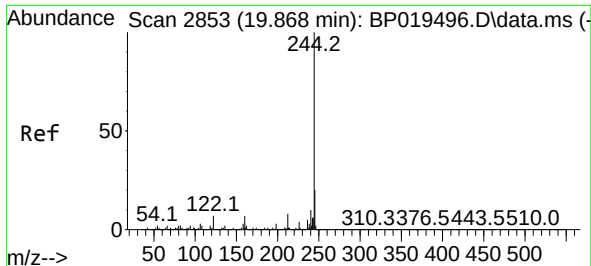
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.7 20.7 31.1

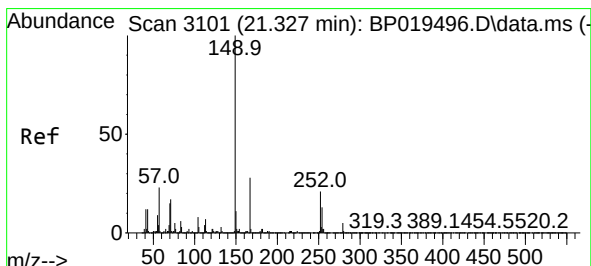
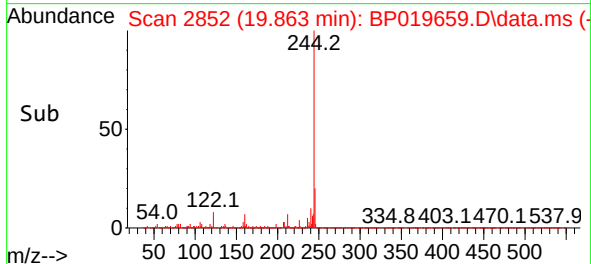
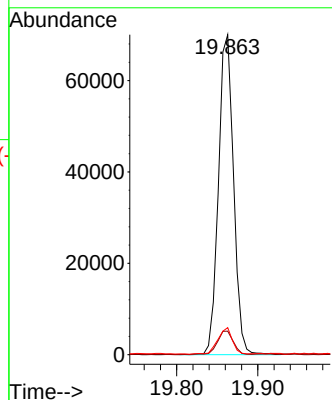
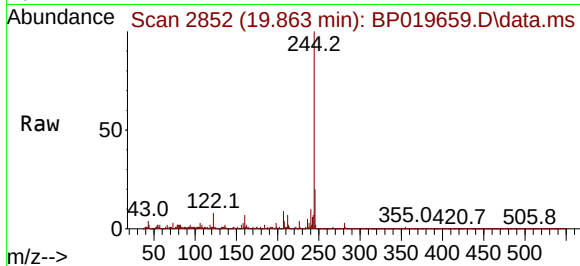




#79
 Terphenyl-d14
 Concen: 3.855 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019659.D
 Acq: 12 Feb 2024 13:05

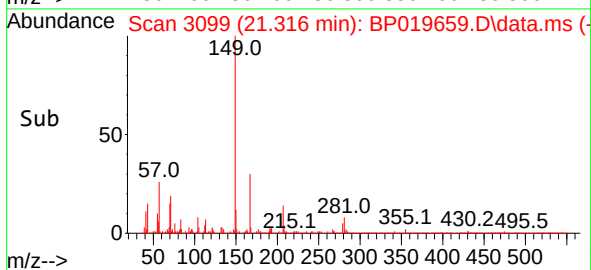
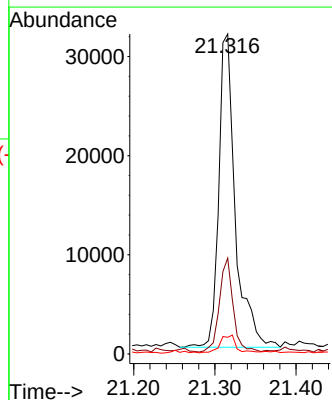
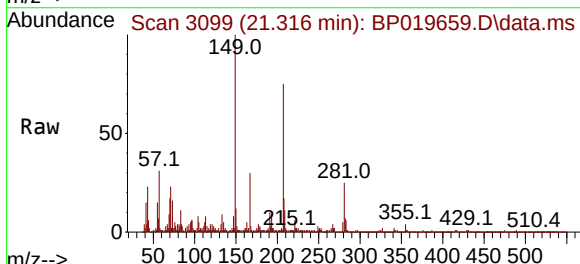
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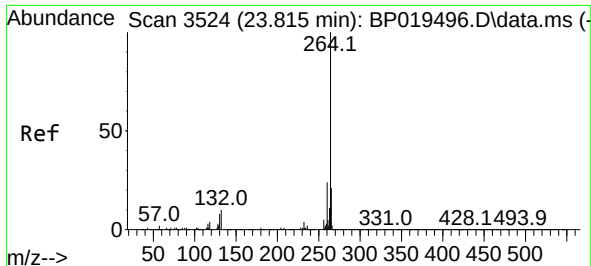
Tgt Ion:244	Resp:	90821
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	8.5	5.9 8.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.882 ng
 RT: 21.316 min Scan# 3099
 Delta R.T. -0.011 min
 Lab File: BP019659.D
 Acq: 12 Feb 2024 13:05

Tgt Ion:149	Resp:	44811
Ion Ratio	Lower	Upper
149	100	
167	29.9	22.7 34.1
279	5.2	4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP019659.D
 Acq: 12 Feb 2024 13:05

Instrument :
 BNA_P
 ClientSampleId :
 RE137-CARBON-20240205RX

Tgt Ion:264 Resp: 440472
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.0 25.4

