

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019904.D
 Acq On : 27 Feb 2024 19:24
 Operator : MA/JU
 Sample : P1538-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241098-COMPOSITE-35N-N-4-03

Quant Time: Feb 28 00:59:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	98304	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	388845	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	276139	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	580783	20.000	ng	0.00
76) Chrysene-d12	21.398	240	364091	20.000	ng	-0.01
86) Perylene-d12	23.816	264	398575	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	572613	95.609	ng	0.00
7) Phenol-d6	7.069	99	683765	76.681	ng	0.00
23) Nitrobenzene-d5	9.069	82	451595	46.886	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	364575	76.999	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	822910	40.264	ng	0.00
79) Terphenyl-d14	19.869	244	954225	41.308	ng	-0.01

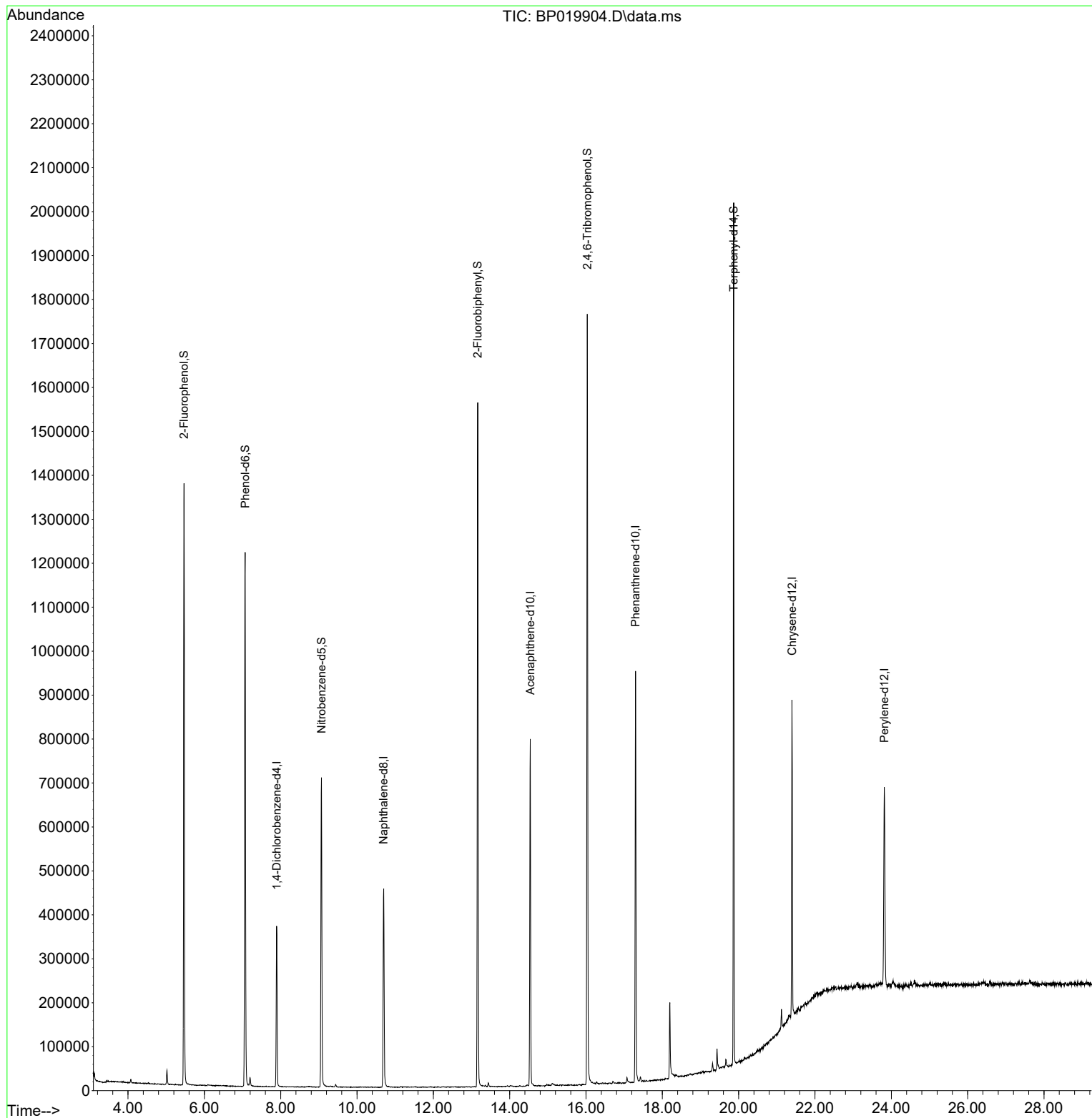
Target Compounds	Qvalue

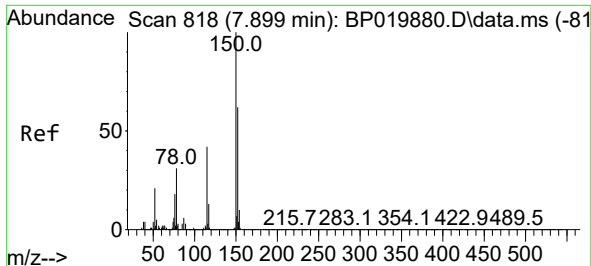
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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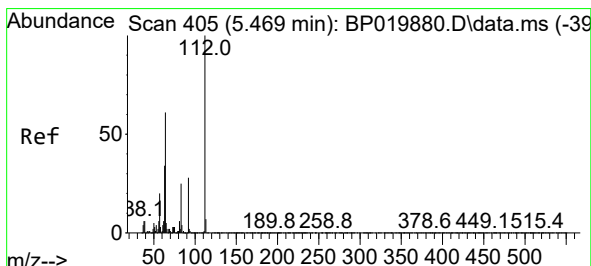
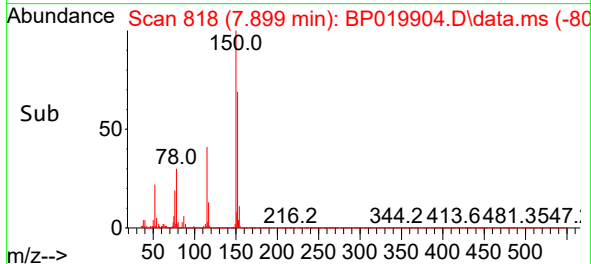
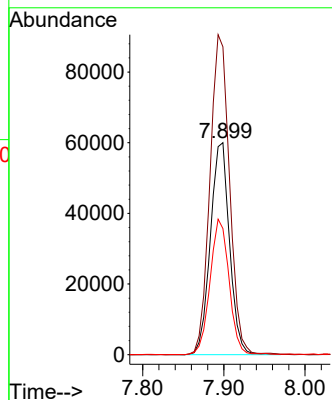
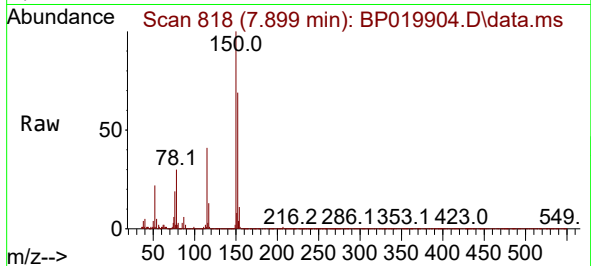




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

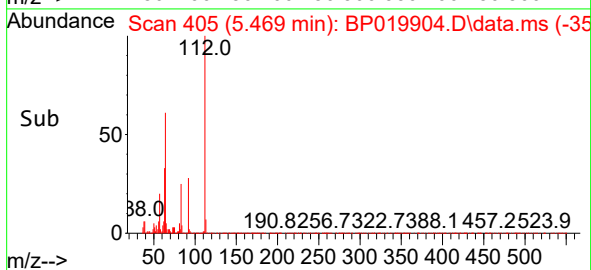
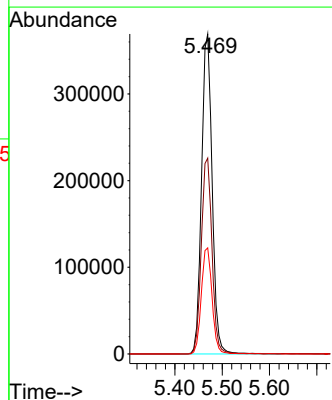
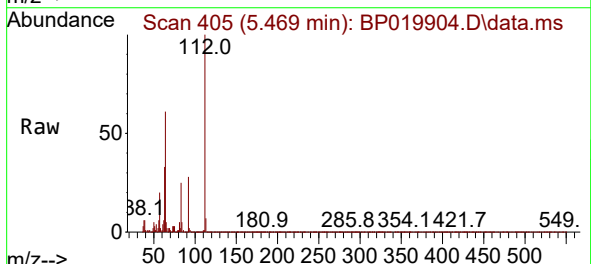
Instrument :
BNA_P
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

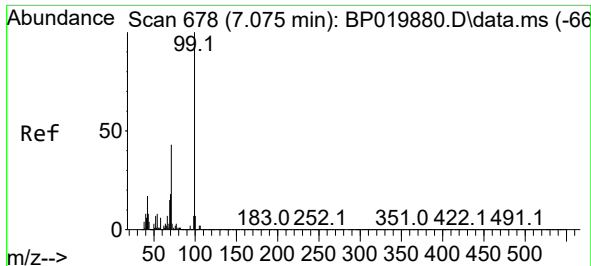
Tgt Ion:152 Resp: 98304
Ion Ratio Lower Upper
152 100
150 145.2 128.6 192.8
115 59.5 53.4 80.2



#5
2-Fluorophenol
Concen: 95.609 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

Tgt Ion:112 Resp: 572613
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.6
63 33.2 27.6 41.4

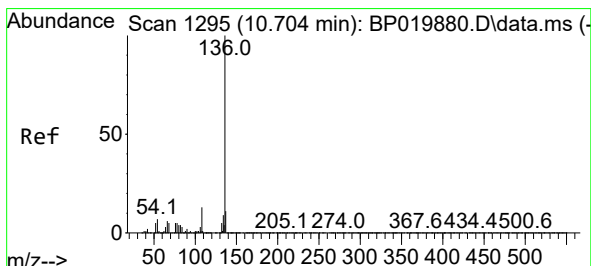
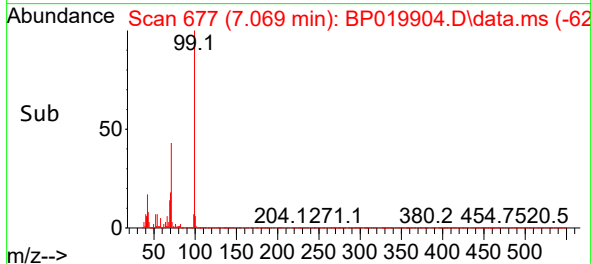
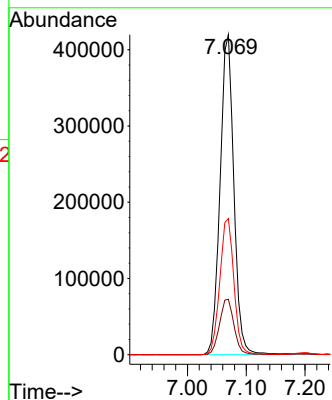
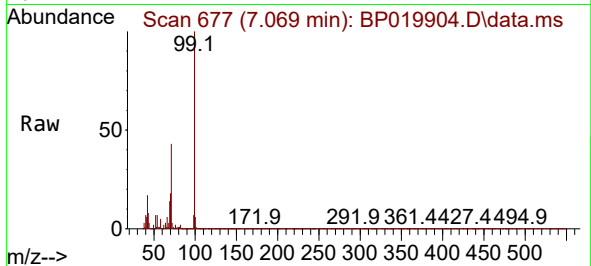




#7
Phenol-d6
Concen: 76.681 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

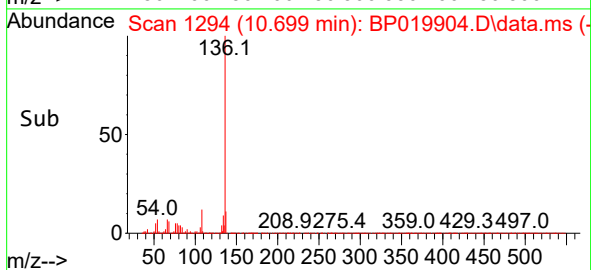
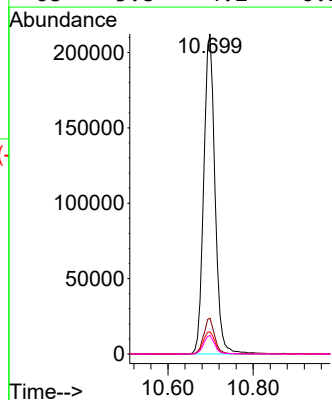
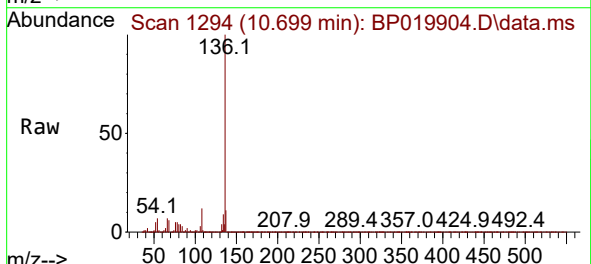
Instrument :
BNA_P
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

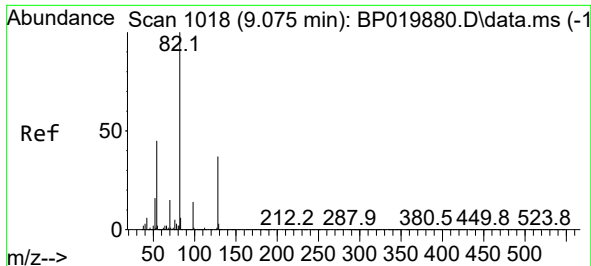
Tgt Ion: 99 Resp: 683765
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.8
71 42.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

Tgt Ion:136 Resp: 388845
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.9 6.0 9.0
68 5.8 4.2 6.2

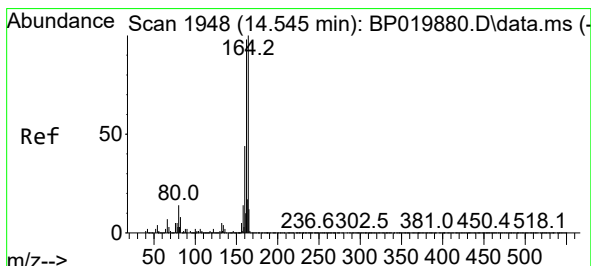
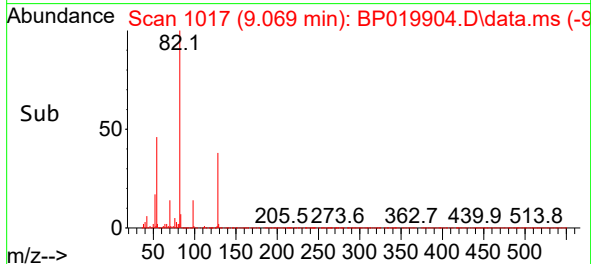
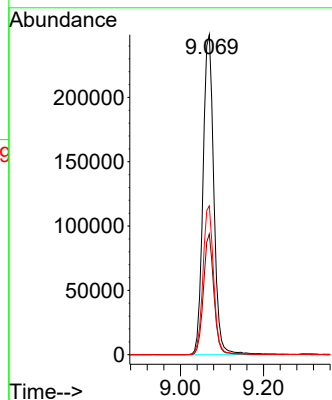
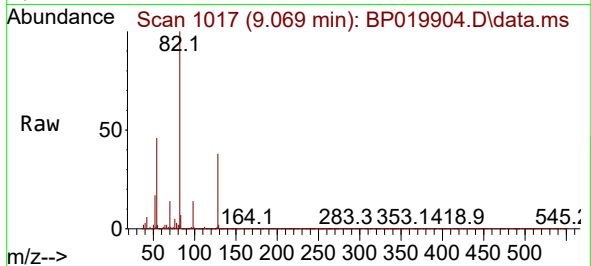




#23
Nitrobenzene-d5
Concen: 46.886 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

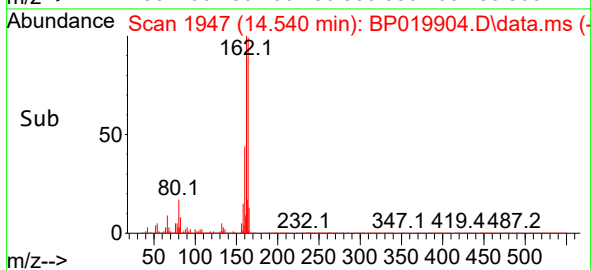
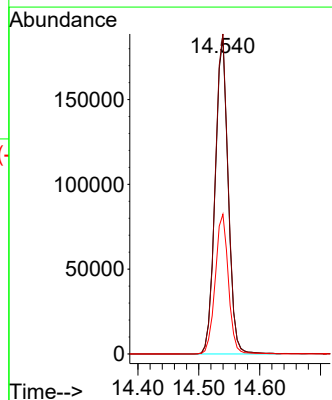
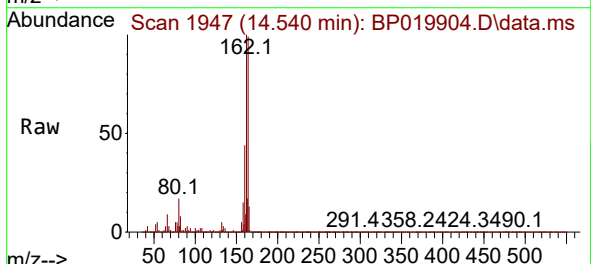
Instrument :
BNA_P
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

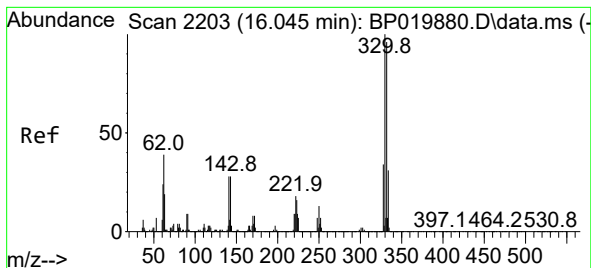
Tgt Ion: 82 Resp: 451595
Ion Ratio Lower Upper
82 100
128 37.7 29.6 44.4
54 46.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019904.D
Acq: 27 Feb 2024 19:24

Tgt Ion: 164 Resp: 276139
Ion Ratio Lower Upper
164 100
162 101.2 78.1 117.1
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 76.999 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

Instrument :

BNA_P

ClientSampleId :

20241098-COMPOSITE-35N-N-4-03

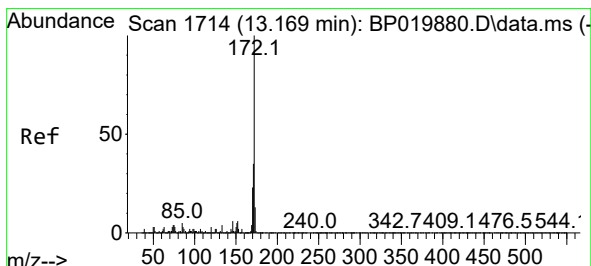
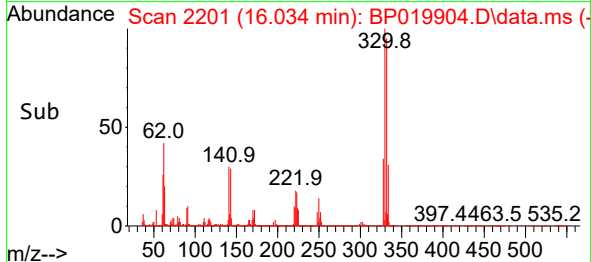
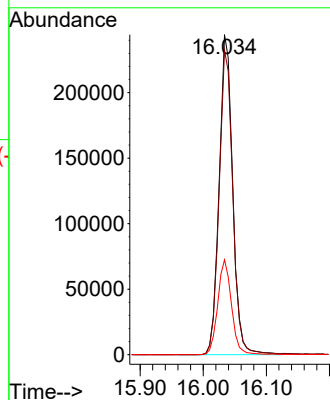
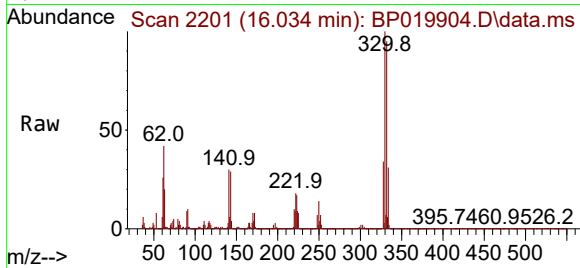
Tgt Ion:330 Resp: 364575

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

141 30.0 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 40.264 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

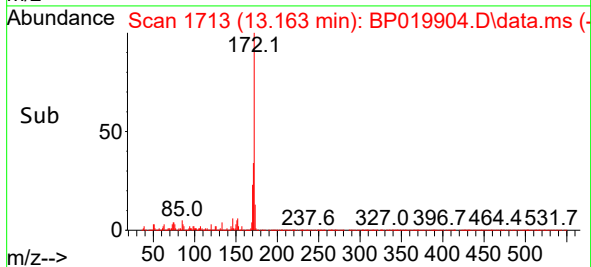
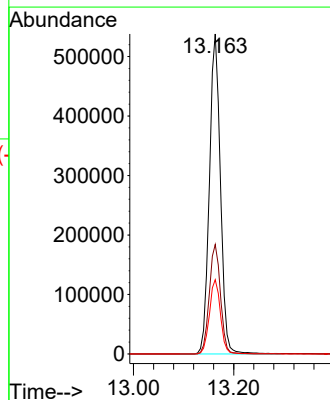
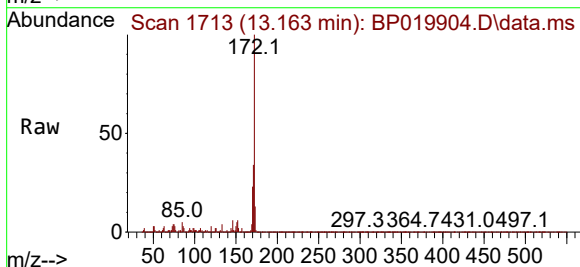
Tgt Ion:172 Resp: 822910

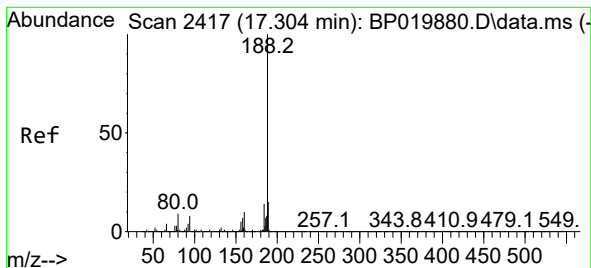
Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.6

170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

Instrument :

BNA_P

ClientSampleId :

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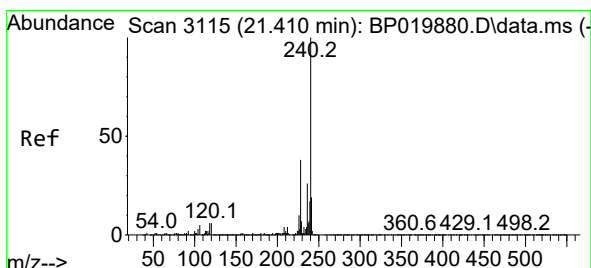
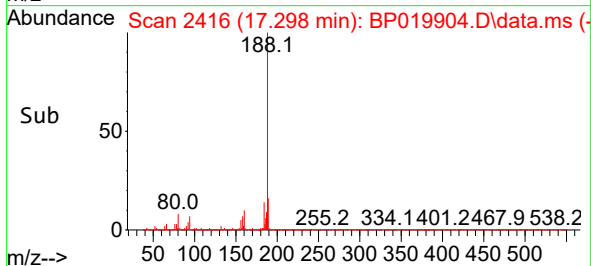
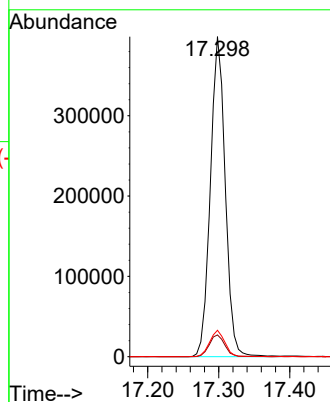
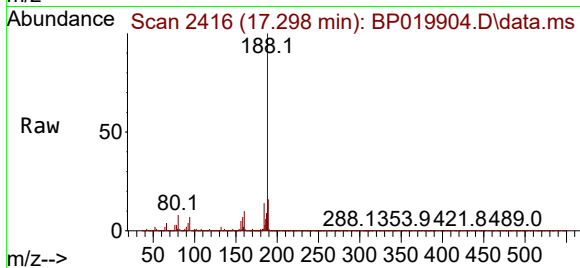
Tgt Ion:188 Resp: 580783

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

80 8.3 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

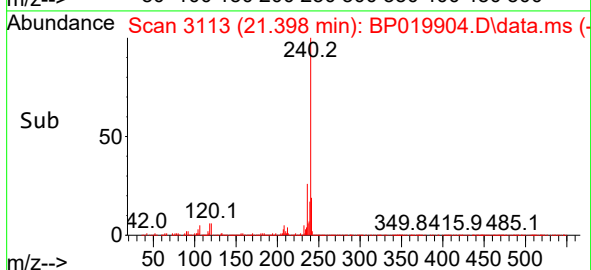
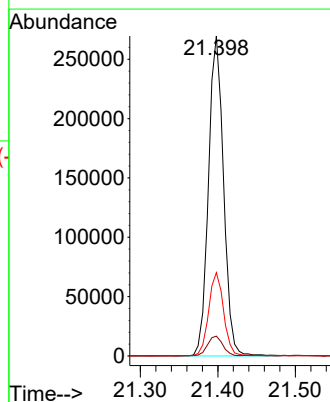
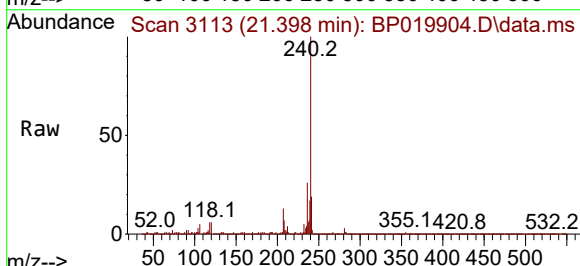
Tgt Ion:240 Resp: 364091

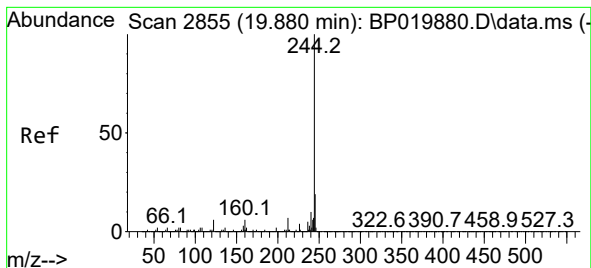
Ion Ratio Lower Upper

240 100

120 6.2 5.1 7.7

236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 41.308 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

Instrument :

BNA_P

ClientSampleId :

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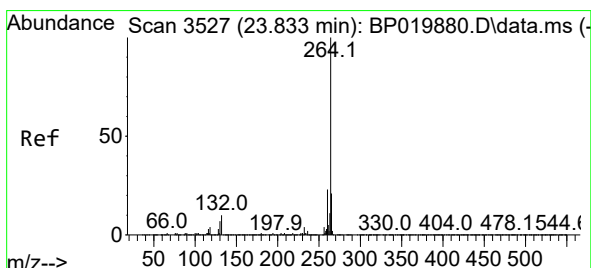
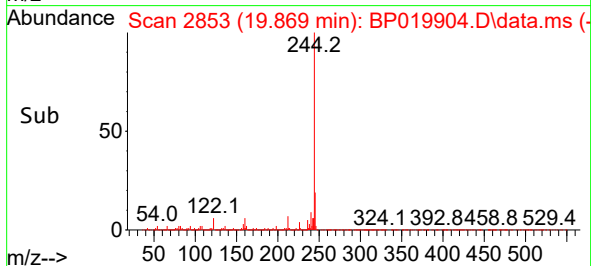
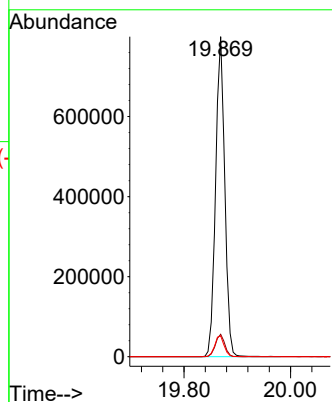
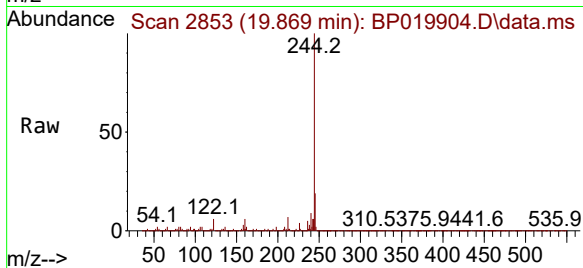
Tgt Ion:244 Resp: 954225

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.5 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. -0.018 min

Lab File: BP019904.D

Acq: 27 Feb 2024 19:24

Tgt Ion:264 Resp: 398575

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.1 17.4 26.2

