

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019808.D
 Acq On : 21 Feb 2024 15:13
 Operator : MA/JU
 Sample : P1523-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03

Quant Time: Feb 21 15:37:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	63357	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	230815	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	158855	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	376939	20.000	ng	0.00
76) Chrysene-d12	21.374	240	395314	20.000	ng	-0.02
86) Perylene-d12	23.792	264	452645	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	336824	85.694	ng	0.00
7) Phenol-d6	7.063	99	446881	84.321	ng	0.00
23) Nitrobenzene-d5	9.063	82	320444	60.158	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	217984	93.983	ng	-0.01
45) 2-Fluorobiphenyl	13.151	172	653040	50.820	ng	-0.01
79) Terphenyl-d14	19.851	244	1133639	47.160	ng	-0.01

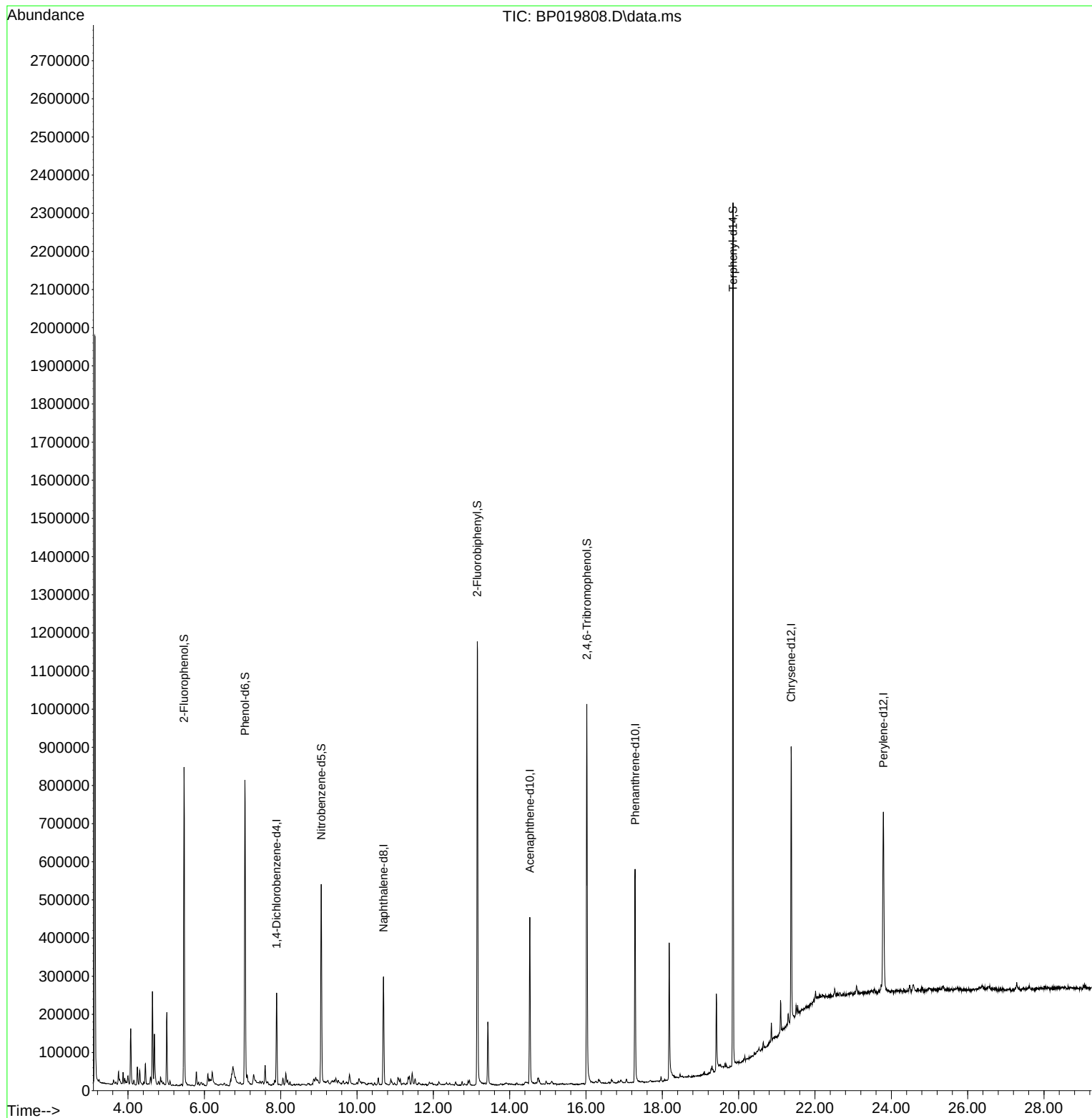
Target Compounds	Qvalue

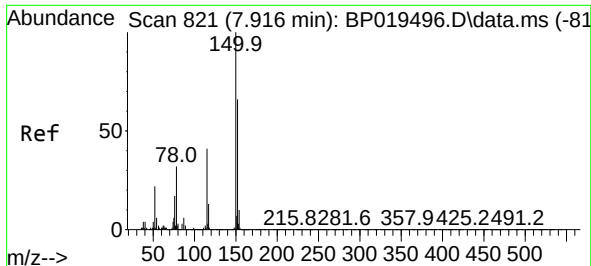
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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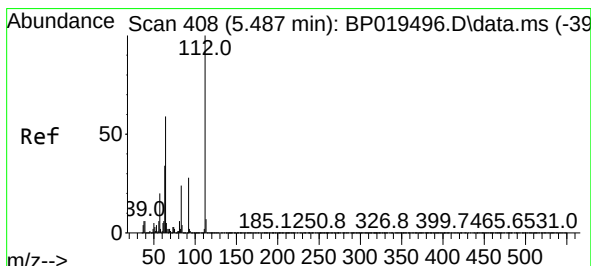
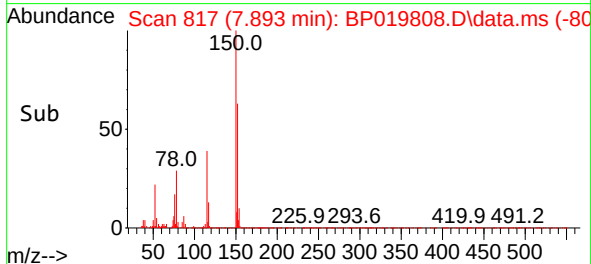
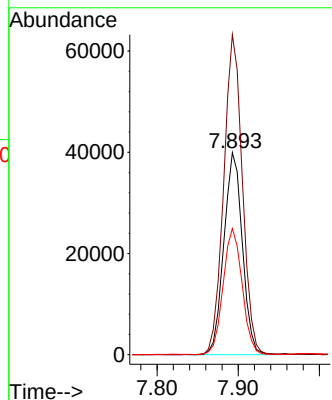
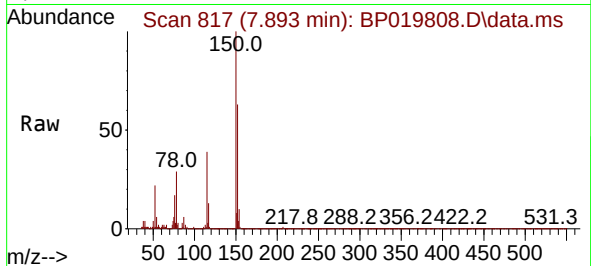




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

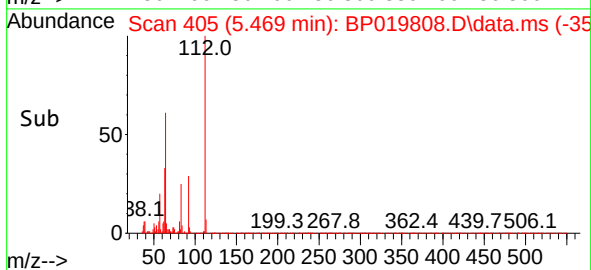
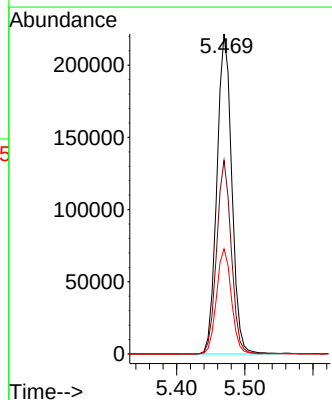
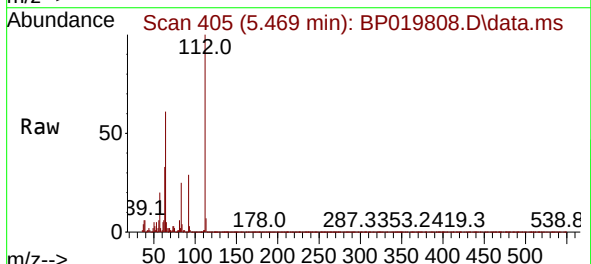
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

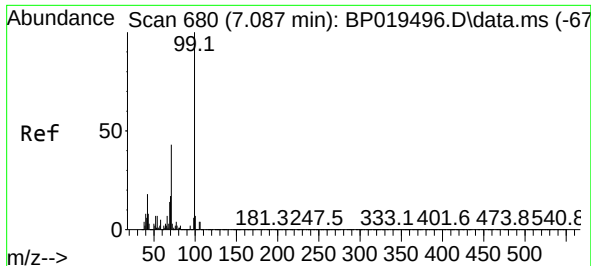
Tgt Ion:152 Resp: 63357
Ion Ratio Lower Upper
152 100
150 158.4 121.8 182.8
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 85.694 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

Tgt Ion:112 Resp: 336824
Ion Ratio Lower Upper
112 100
64 60.5 47.4 71.0
63 32.9 27.0 40.6

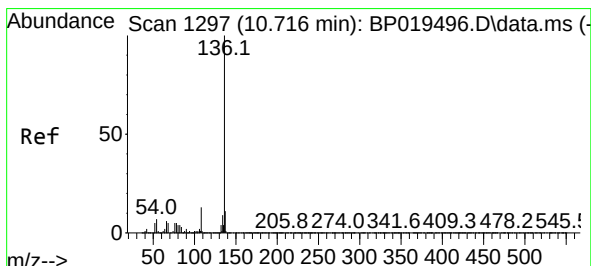
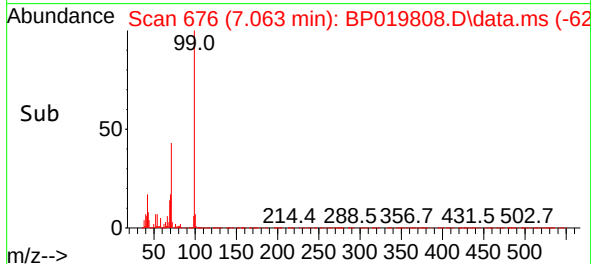
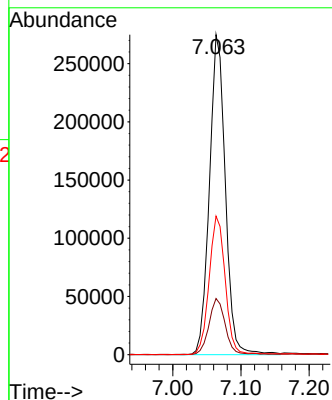
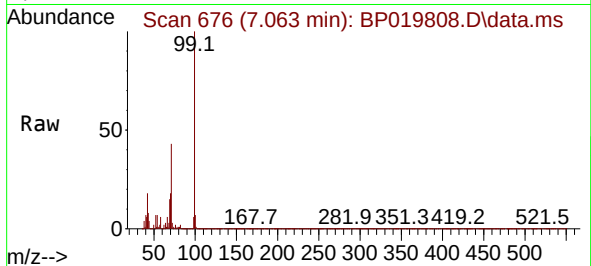




#7
Phenol-d6
Concen: 84.321 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

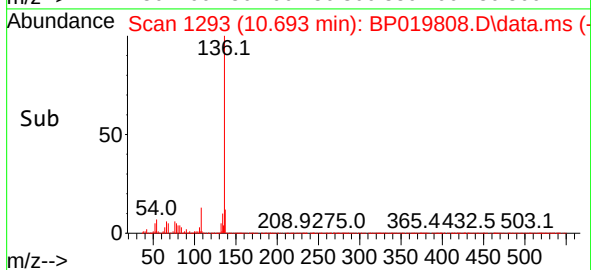
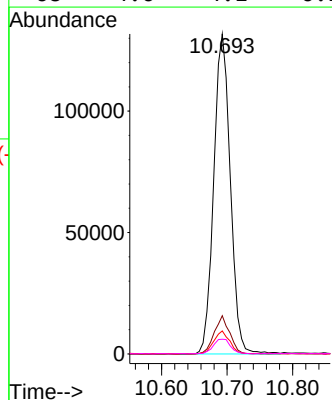
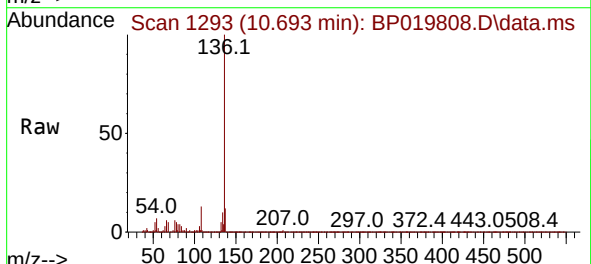
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

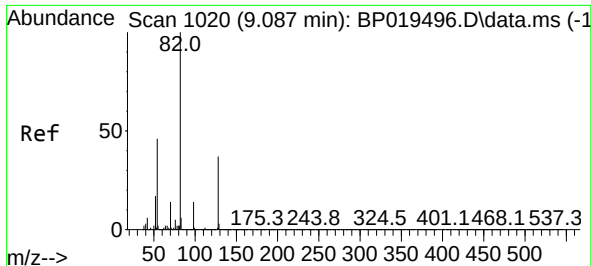
Tgt Ion: 99 Resp: 446881
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

Tgt Ion: 136 Resp: 230815
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 7.2 5.3 7.9
68 4.6 4.1 6.1

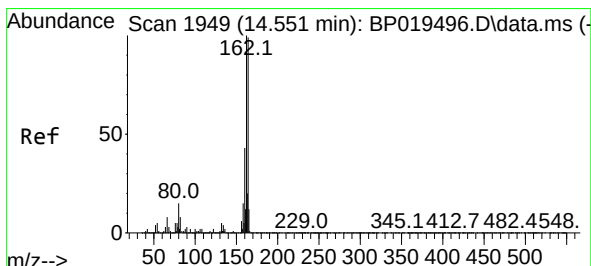
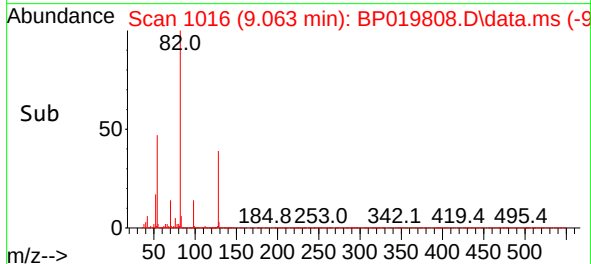
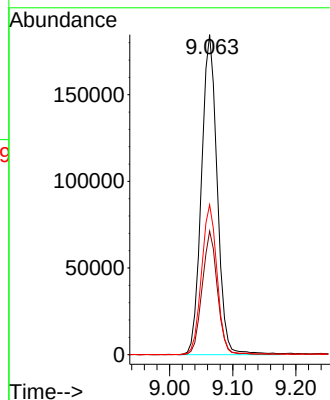
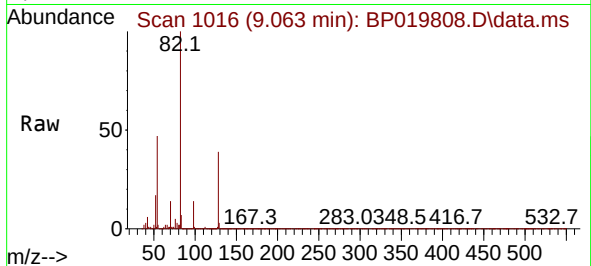




#23
Nitrobenzene-d5
Concen: 60.158 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

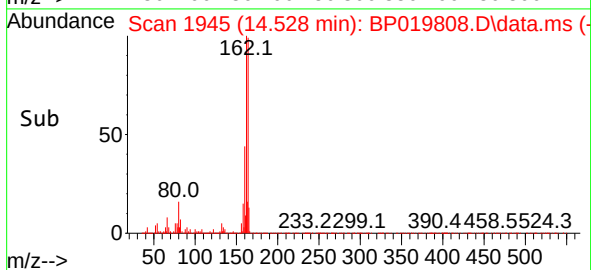
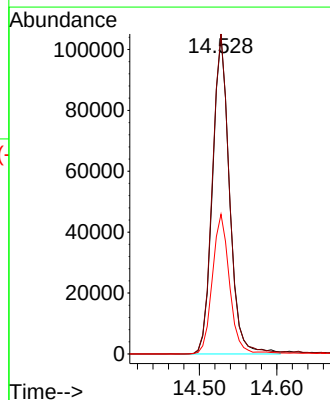
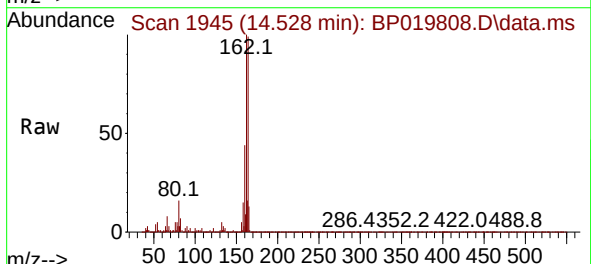
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

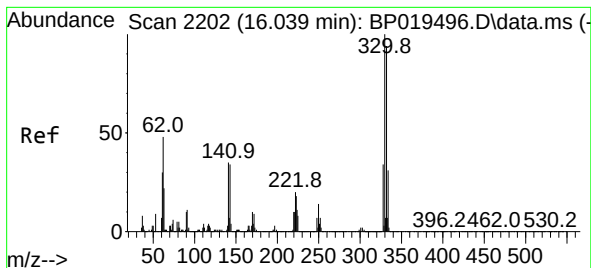
Tgt Ion: 82 Resp: 320444
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 46.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

Tgt Ion: 164 Resp: 158855
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 93.983 ng

RT: 16.022 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019808.D

Acq: 21 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03

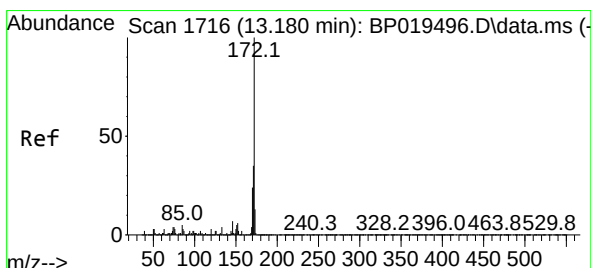
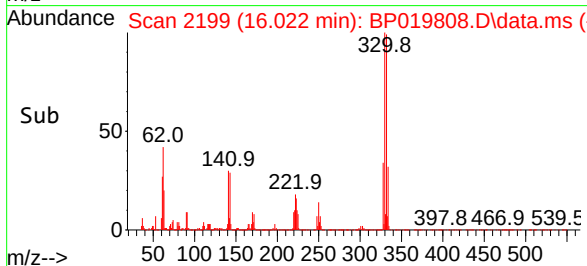
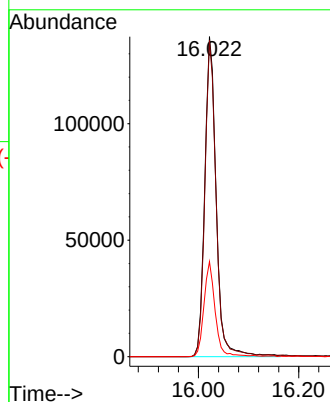
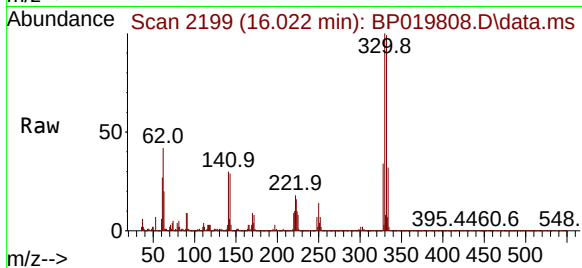
Tgt Ion:330 Resp: 217984

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 29.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 50.820 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP019808.D

Acq: 21 Feb 2024 15:13

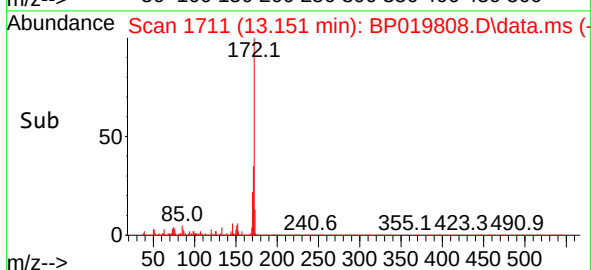
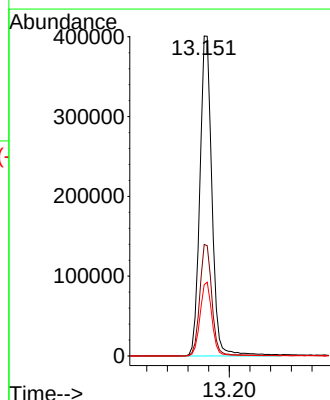
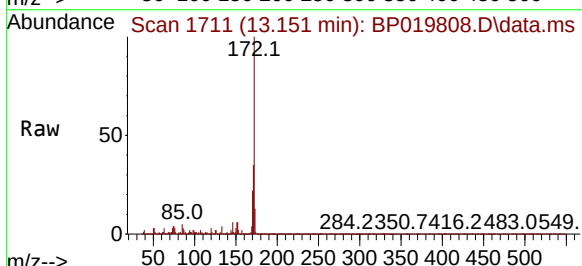
Tgt Ion:172 Resp: 653040

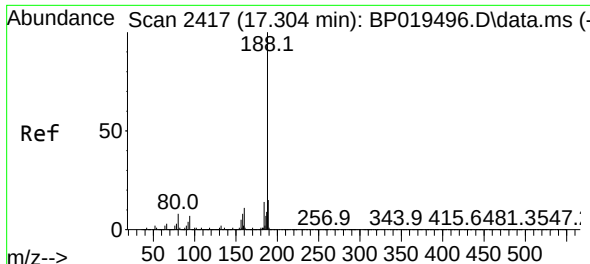
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.3 18.9 28.3

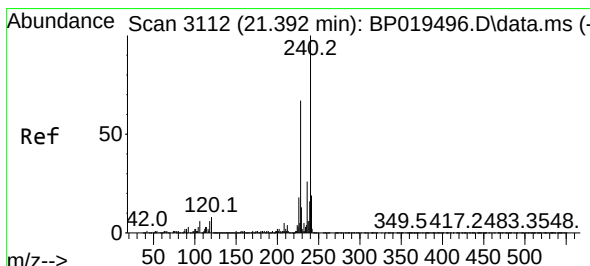
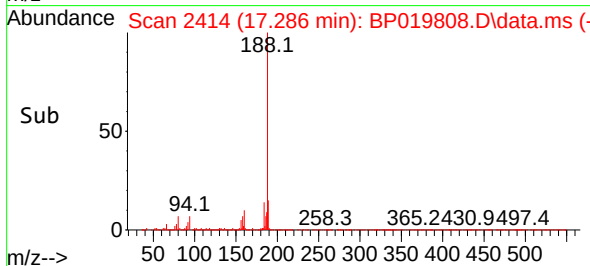
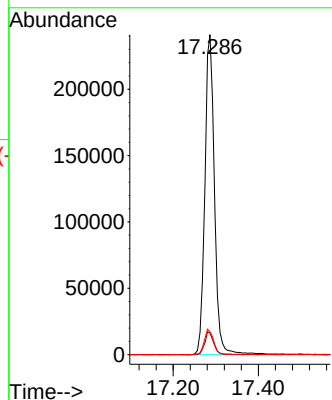
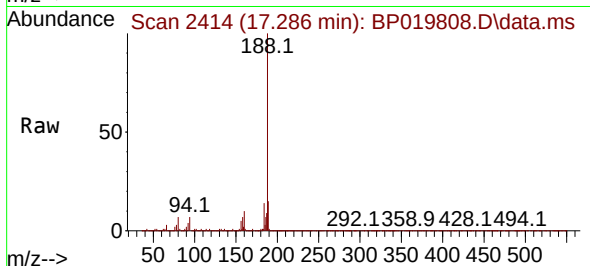




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

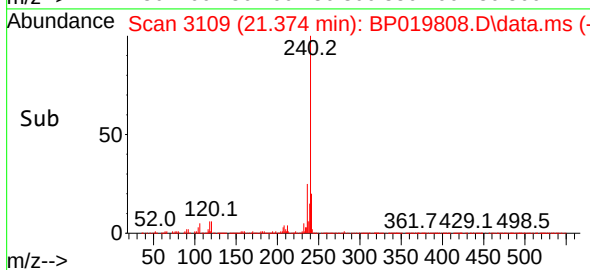
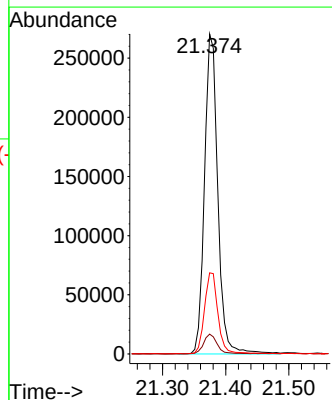
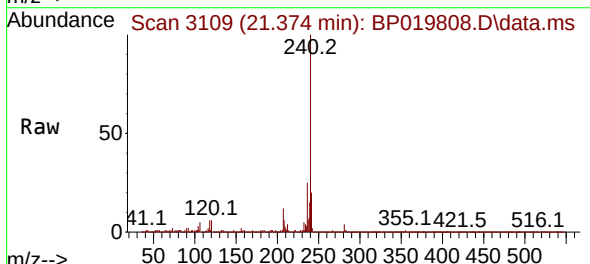
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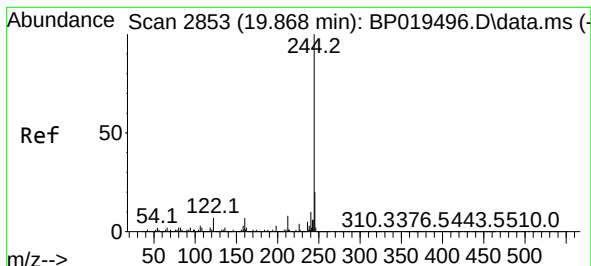
Tgt Ion:188 Resp: 376939
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.018 min
Lab File: BP019808.D
Acq: 21 Feb 2024 15:13

Tgt Ion:240 Resp: 395314
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 47.160 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019808.D

Acq: 21 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03

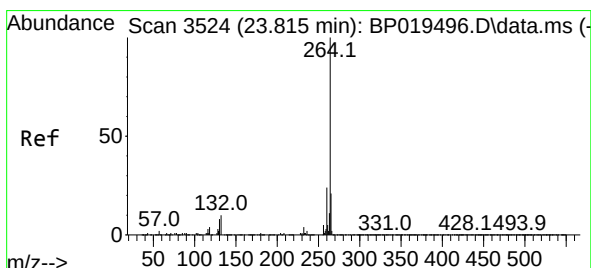
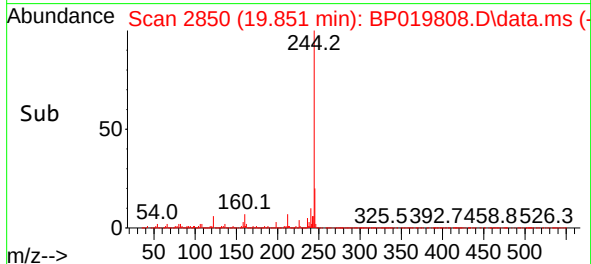
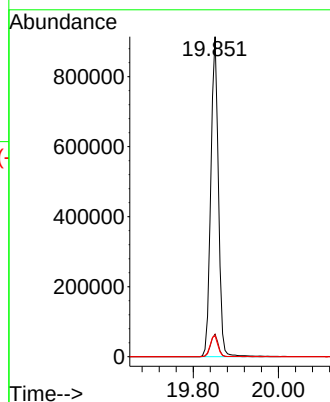
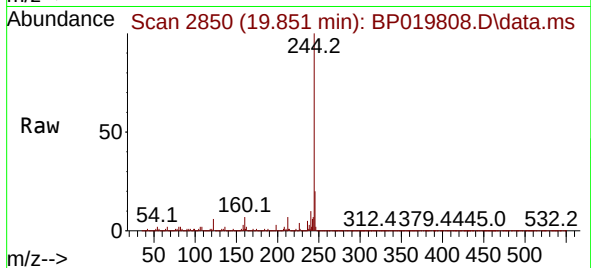
Tgt Ion:244 Resp: 1133639

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.5 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BP019808.D

Acq: 21 Feb 2024 15:13

Tgt Ion:264 Resp: 452645

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.7 17.0 25.4

