

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019807.D
 Acq On : 21 Feb 2024 14:39
 Operator : MA/JU
 Sample : P1523-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240764-COMPOSITE-39N-N-3-02

Quant Time: Feb 21 15:03:15 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	43907	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	158723	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	117070	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	282182	20.000	ng	0.00
76) Chrysene-d12	21.374	240	320871	20.000	ng	-0.02
86) Perylene-d12	23.792	264	340783	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	222378	81.640	ng	0.00
7) Phenol-d6	7.063	99	295507	80.458	ng	0.00
23) Nitrobenzene-d5	9.063	82	204744	55.895	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	162620	95.138	ng	-0.01
45) 2-Fluorobiphenyl	13.151	172	382249	40.364	ng	-0.01
79) Terphenyl-d14	19.851	244	662411	33.950	ng	-0.01

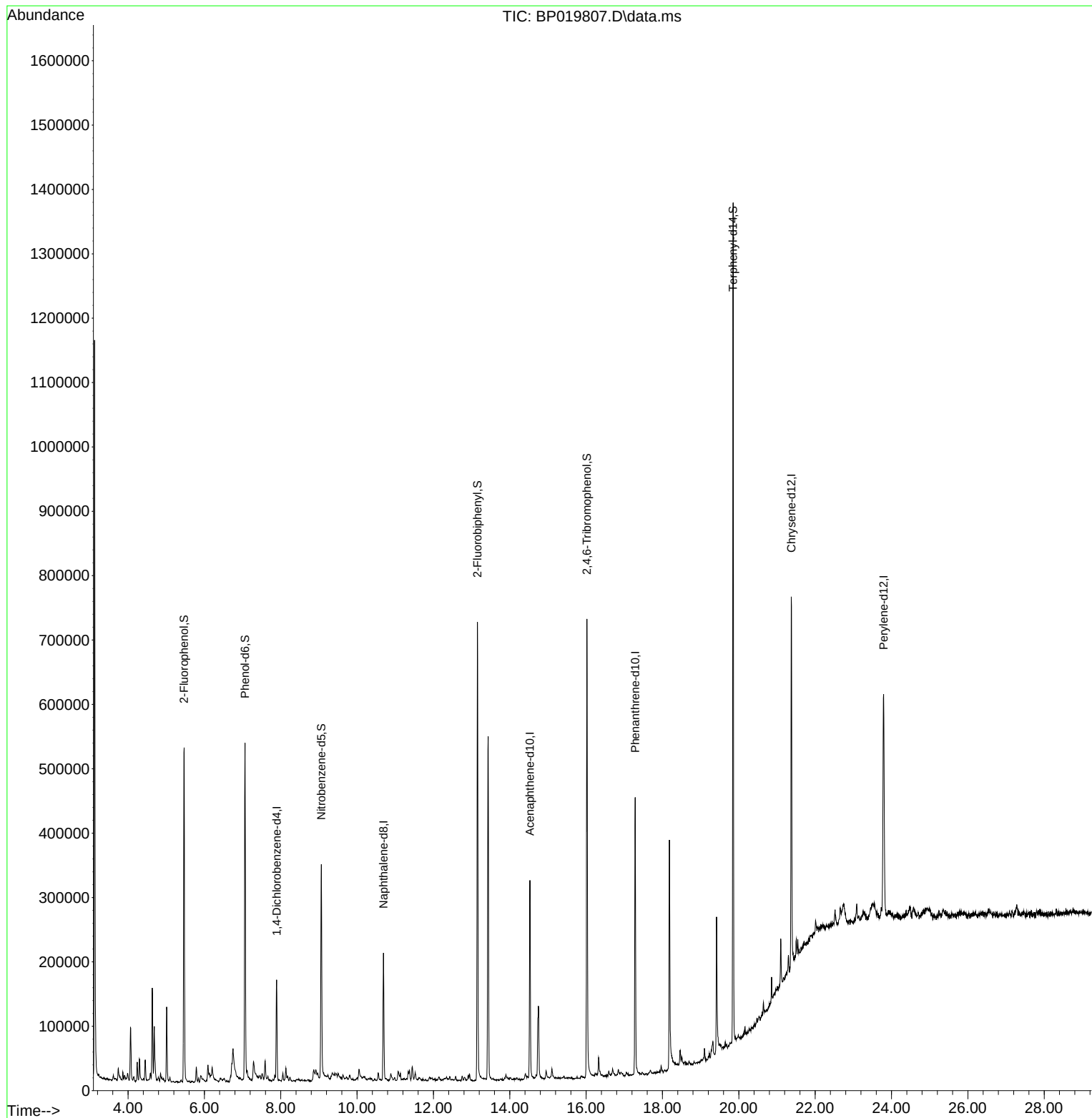
Target Compounds	Qvalue

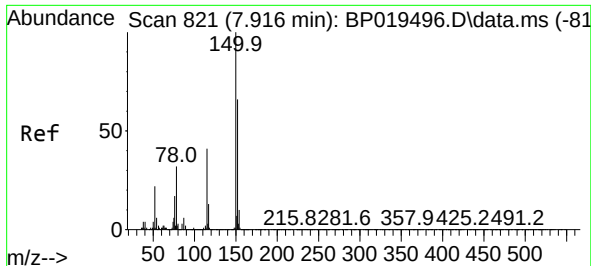
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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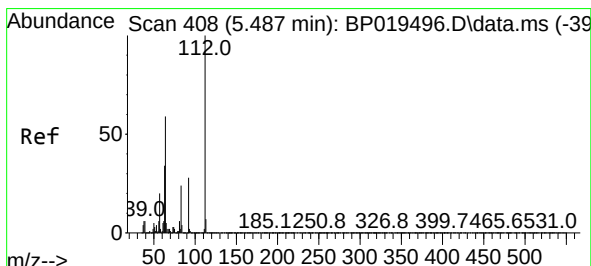
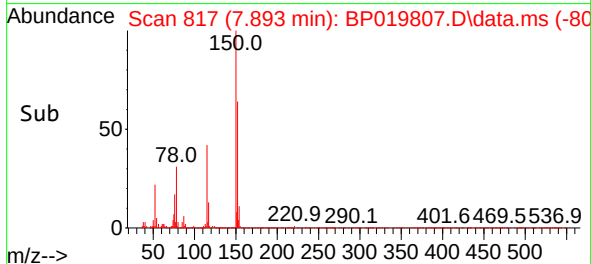
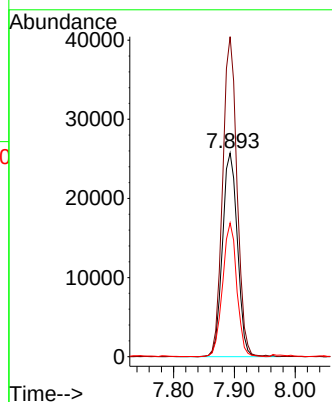
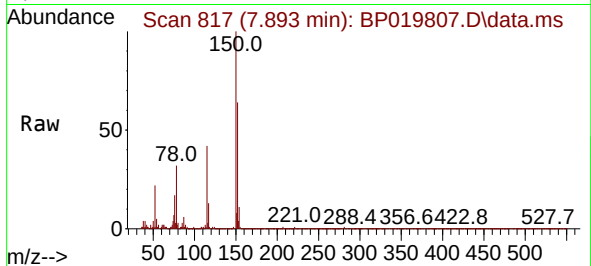




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

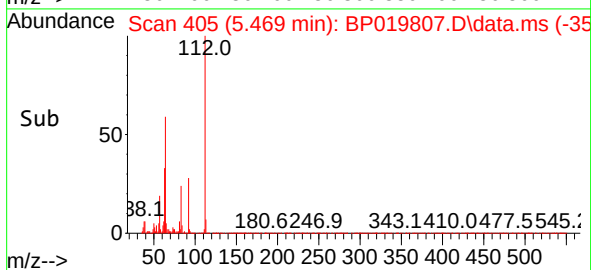
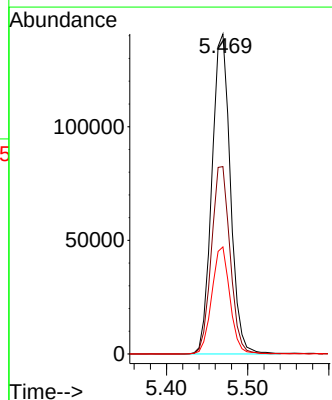
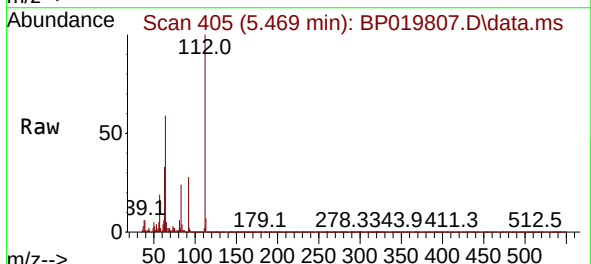
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

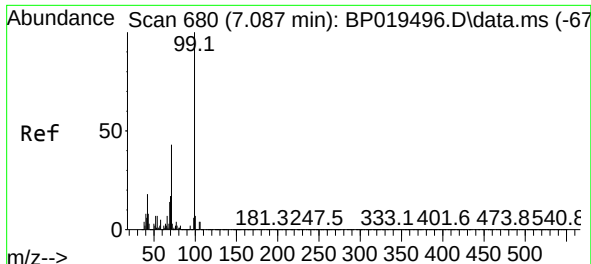
Tgt Ion:152 Resp: 43907
Ion Ratio Lower Upper
152 100
150 157.1 121.8 182.8
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 81.640 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

Tgt Ion:112 Resp: 222378
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.5 27.0 40.6

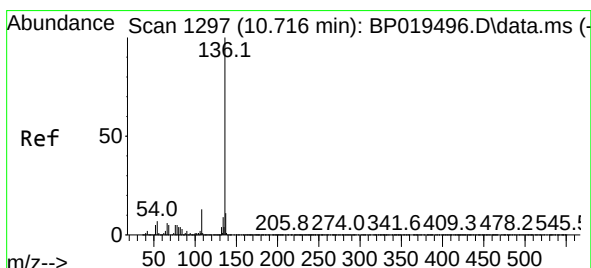
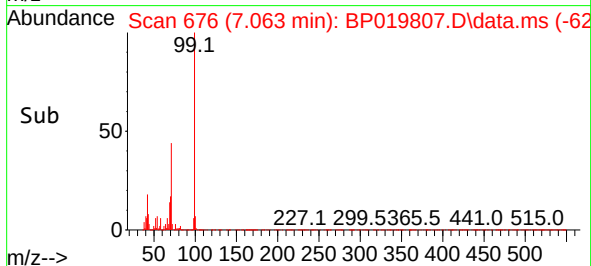
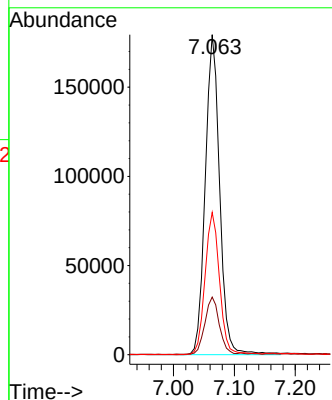
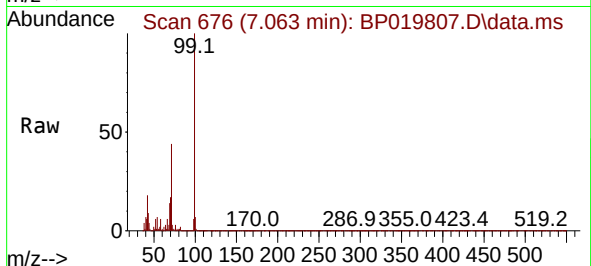




#7
Phenol-d6
Concen: 80.458 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

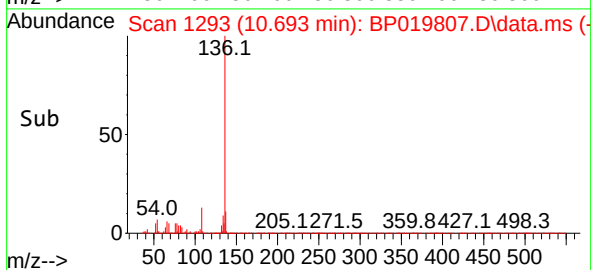
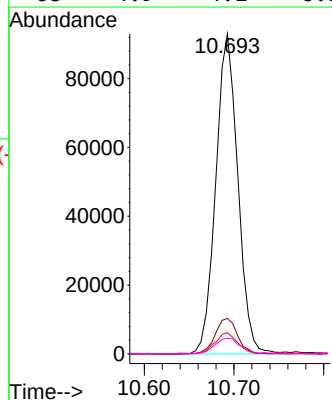
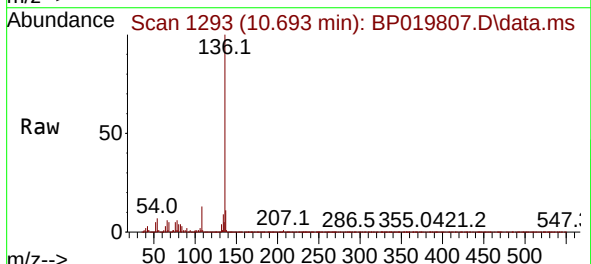
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

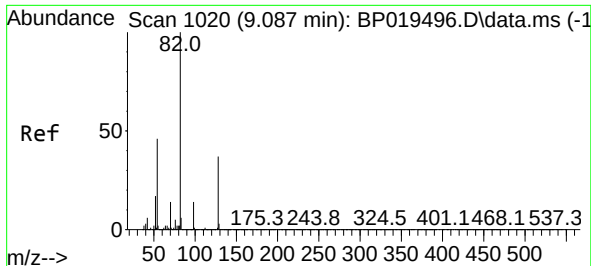
Tgt Ion: 99 Resp: 295507
Ion Ratio Lower Upper
99 100
42 18.0 14.7 22.1
71 44.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

Tgt Ion: 136 Resp: 158723
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.3 7.9
68 4.9 4.1 6.1

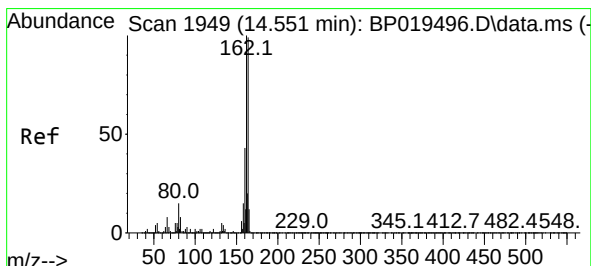
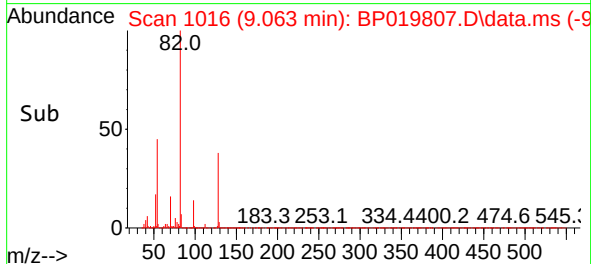
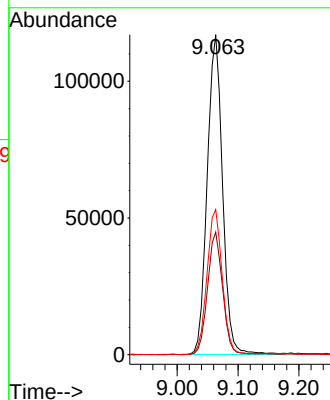
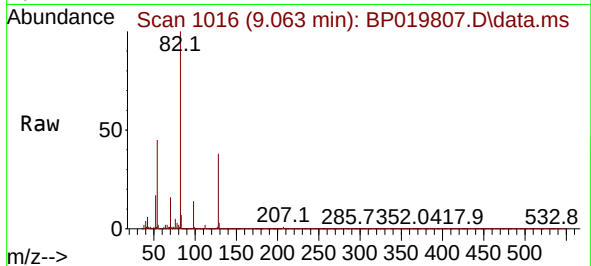




#23
Nitrobenzene-d5
Concen: 55.895 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

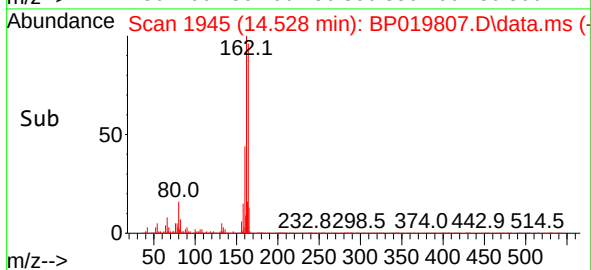
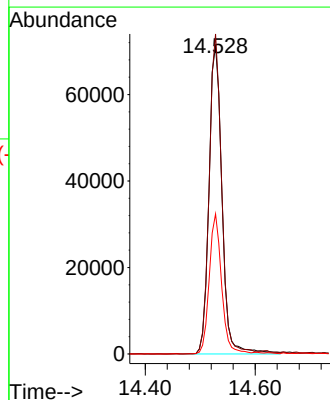
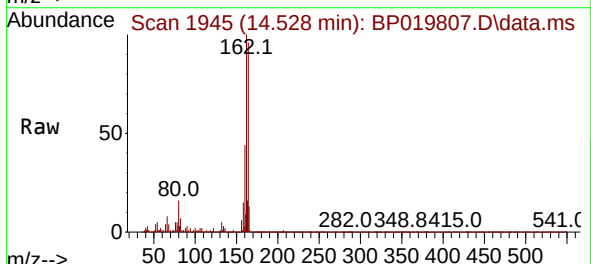
Instrument :
BNA_P
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

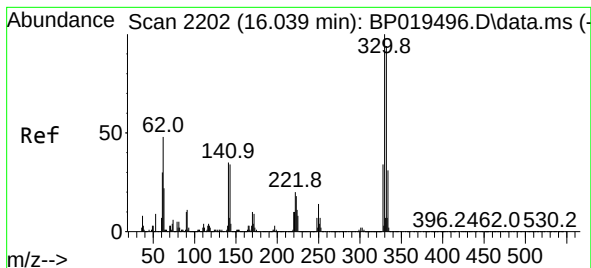
Tgt Ion: 82 Resp: 204744
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 45.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019807.D
Acq: 21 Feb 2024 14:39

Tgt Ion: 164 Resp: 117070
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 95.138 ng

RT: 16.022 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019807.D

Acq: 21 Feb 2024 14:39

Instrument :

BNA_P

ClientSampleId :

20240764-COMPOSITE-39N-N-3-02

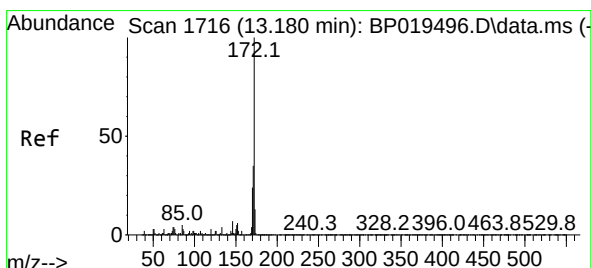
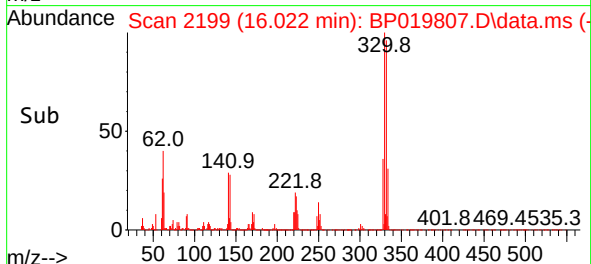
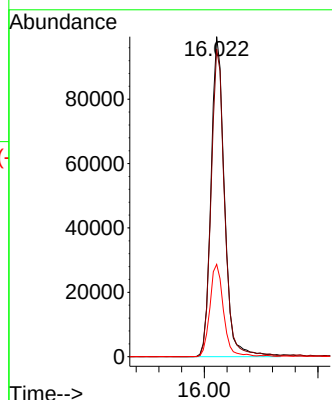
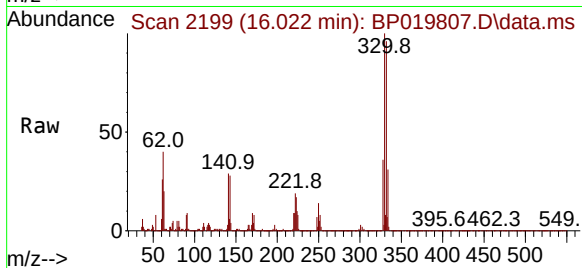
Tgt Ion:330 Resp: 162620

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 40.364 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP019807.D

Acq: 21 Feb 2024 14:39

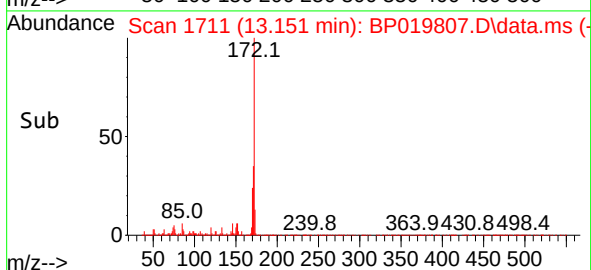
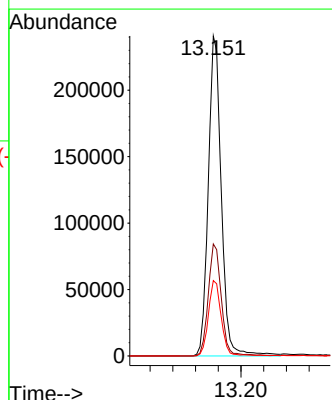
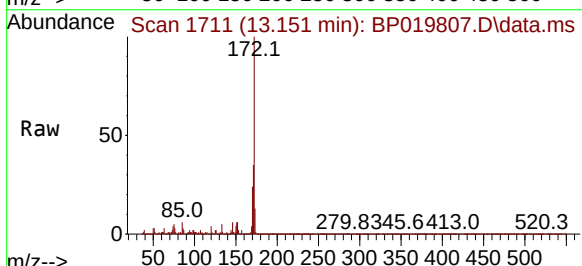
Tgt Ion:172 Resp: 382249

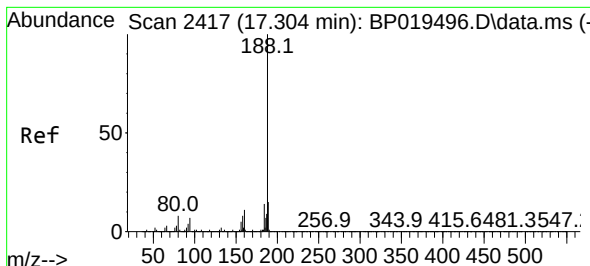
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019807.D

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Instrument :

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20240764-COMPOSITE-39N-N-3-02

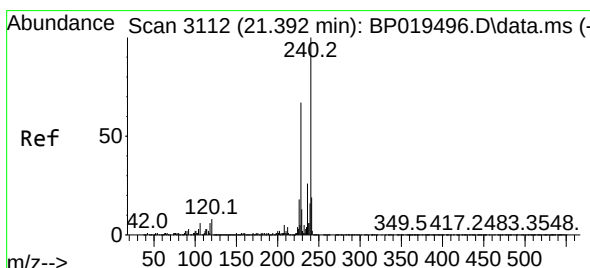
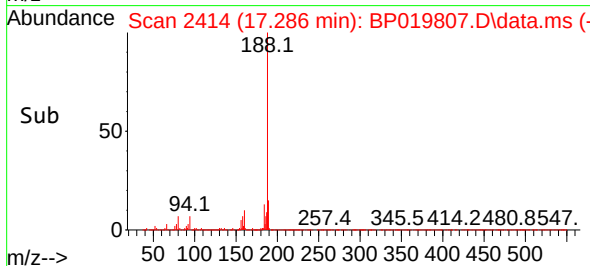
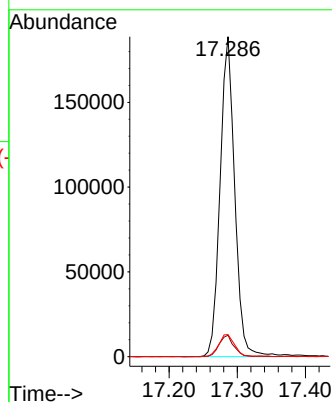
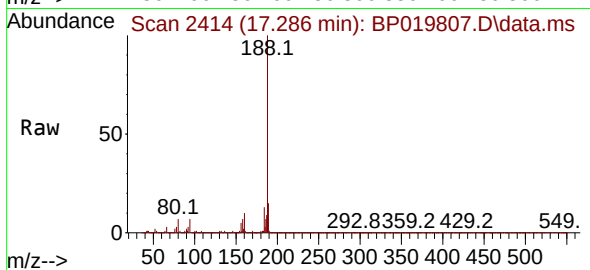
Tgt Ion:188 Resp: 282182

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 6.9 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: BP019807.D

Acq: 21 Feb 2024 14:39

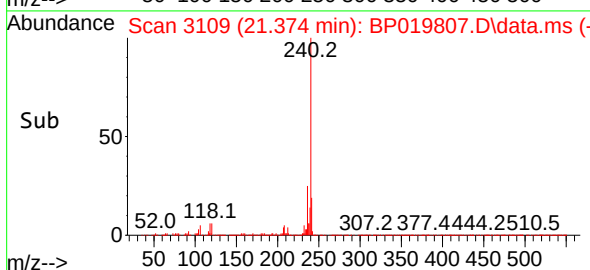
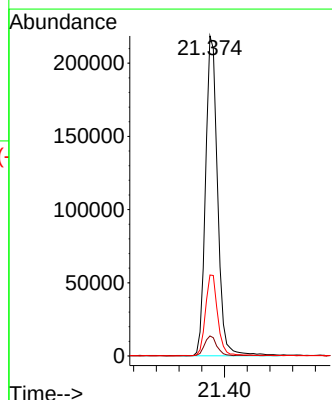
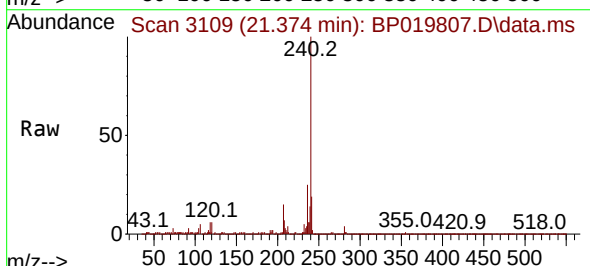
Tgt Ion:240 Resp: 320871

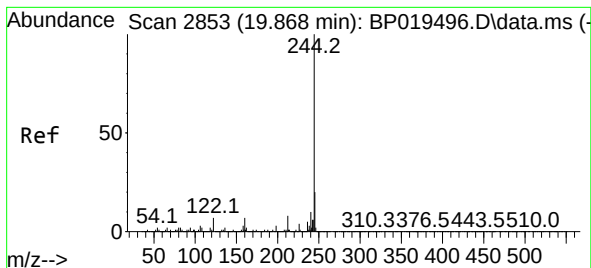
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 33.950 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019807.D

Acq: 21 Feb 2024 14:39

Instrument :

BNA_P

ClientSampleId :

20240764-COMPOSITE-39N-N-3-02

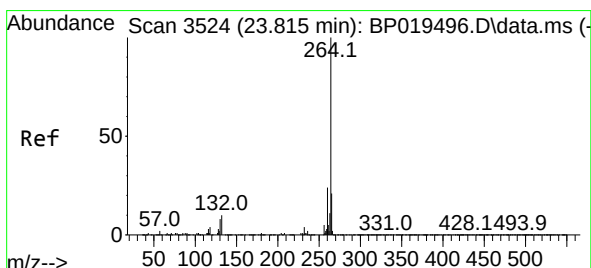
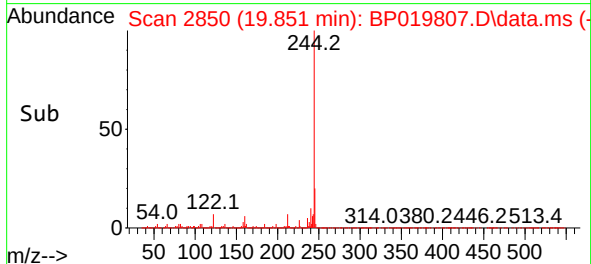
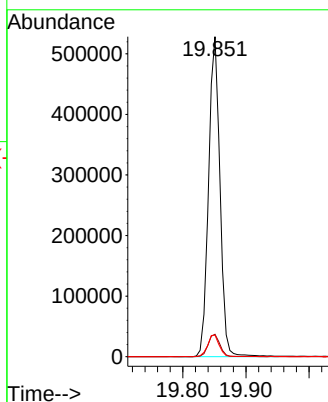
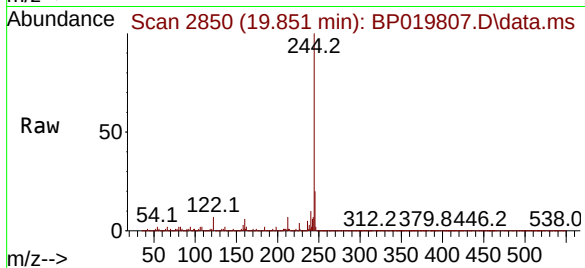
Tgt Ion:244 Resp: 662411

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.8 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: BP019807.D

Acq: 21 Feb 2024 14:39

Tgt Ion:264 Resp: 340783

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.5 17.0 25.4

