

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019869.D
 Acq On : 24 Feb 2024 19:14
 Operator : MA/JU
 Sample : P1564-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-15

Quant Time: Feb 26 00:14:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	72485	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	242700	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	148453	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	338359	20.000	ng	0.00
76) Chrysene-d12	21.410	240	389035	20.000	ng	#-0.02
86) Perylene-d12	23.845	264	486844	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	350735	77.996	ng	0.00
7) Phenol-d6	7.075	99	450292	74.265	ng	0.00
23) Nitrobenzene-d5	9.069	82	295955	52.840	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	214845	99.120	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	626204	52.147	ng	0.00
79) Terphenyl-d14	19.874	244	1234967	52.205	ng	-0.02

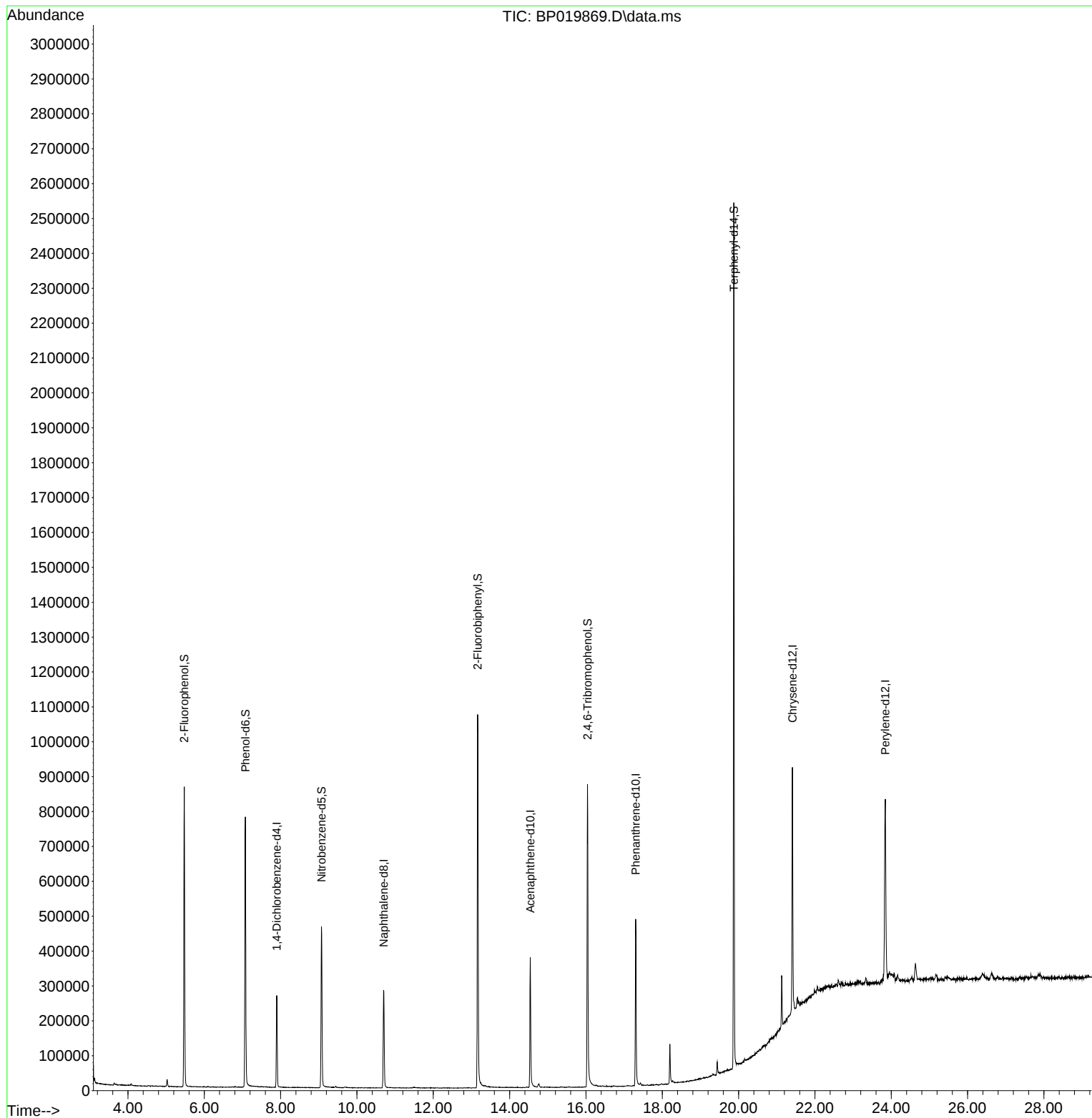
Target Compounds Qvalue

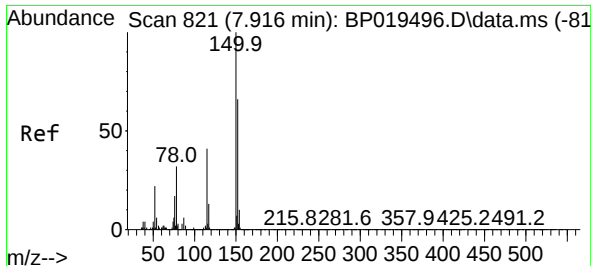
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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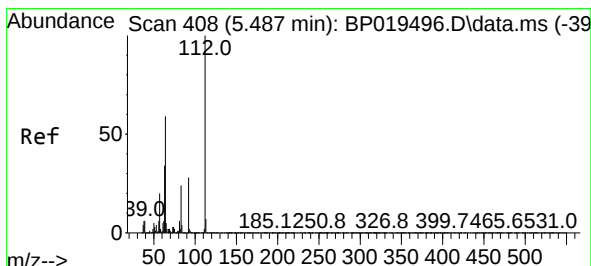
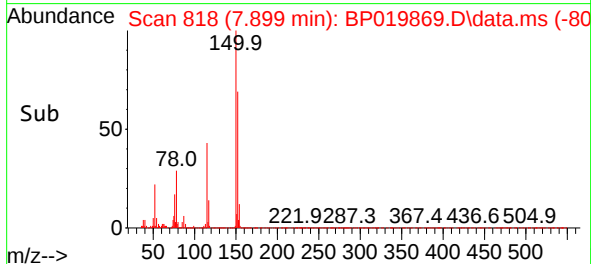
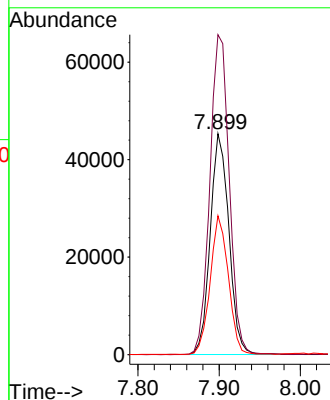
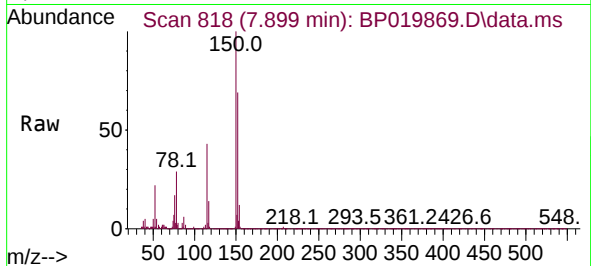




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

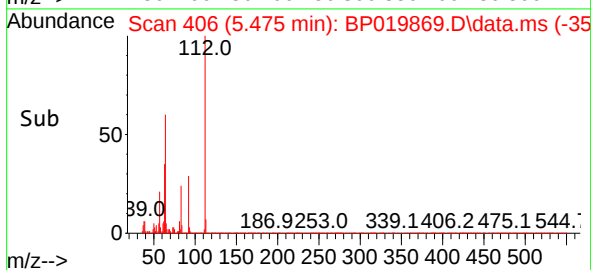
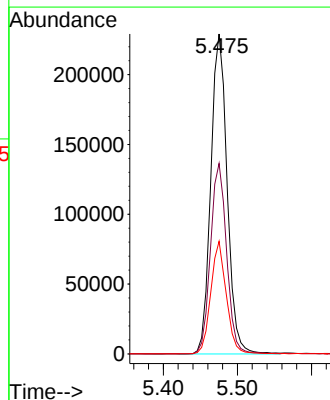
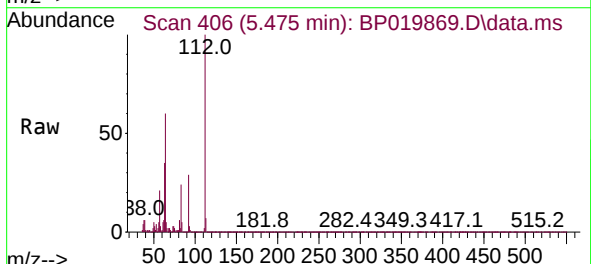
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-15

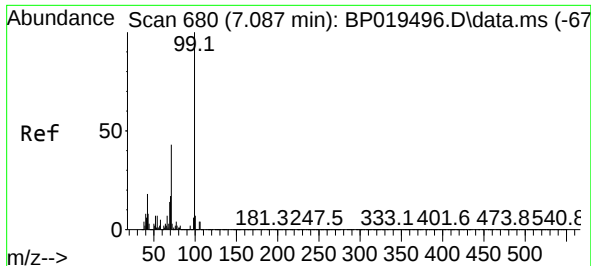
Tgt Ion:152 Resp: 72485
Ion Ratio Lower Upper
152 100
150 144.8 121.8 182.8
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 77.996 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

Tgt Ion:112 Resp: 350735
Ion Ratio Lower Upper
112 100
64 59.5 47.4 71.0
63 35.2 27.0 40.6

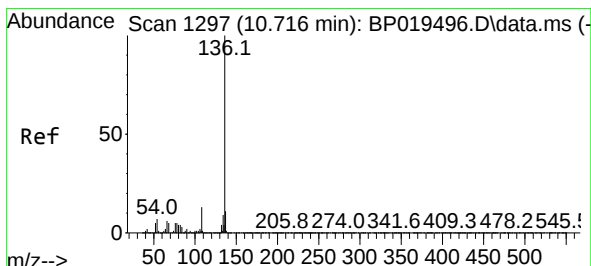
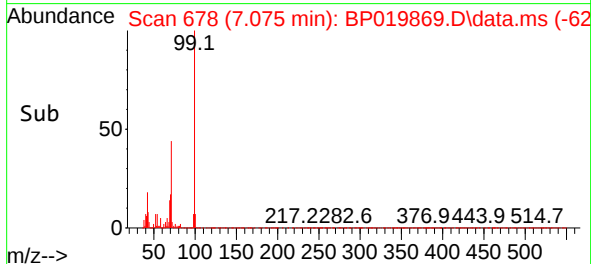
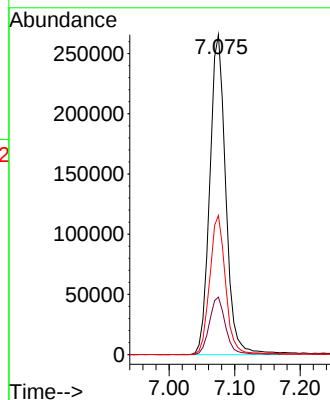
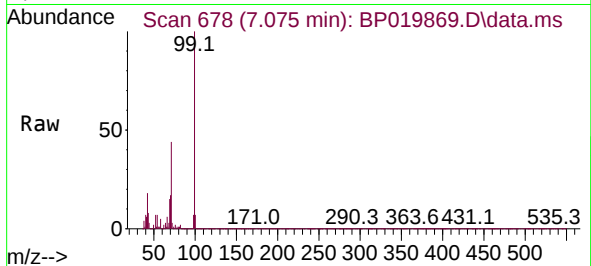




#7
Phenol-d6
Concen: 74.265 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

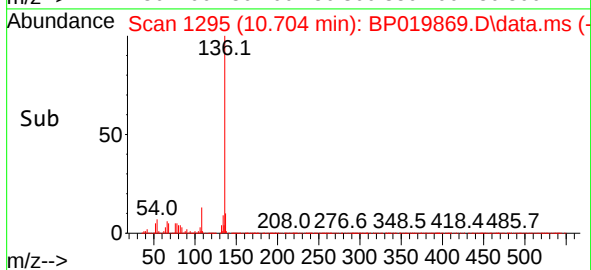
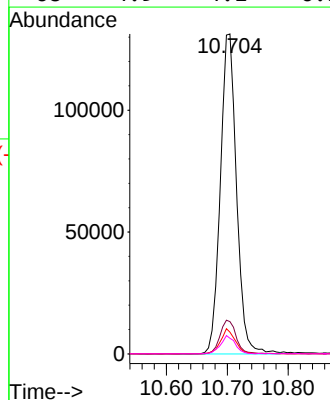
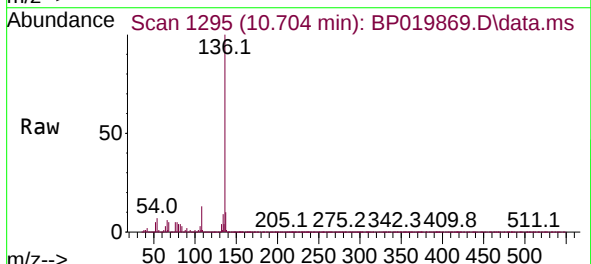
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-15

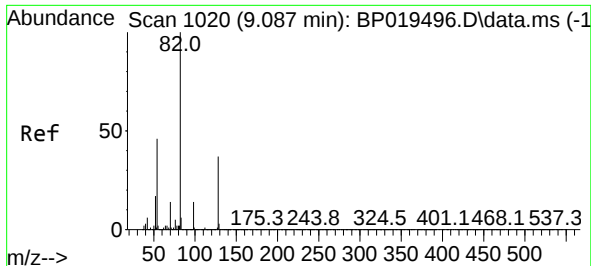
Tgt Ion: 99 Resp: 450292
Ion Ratio Lower Upper
99 100
42 18.0 14.7 22.1
71 43.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

Tgt Ion: 136 Resp: 242700
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.8 5.3 7.9
68 4.9 4.1 6.1

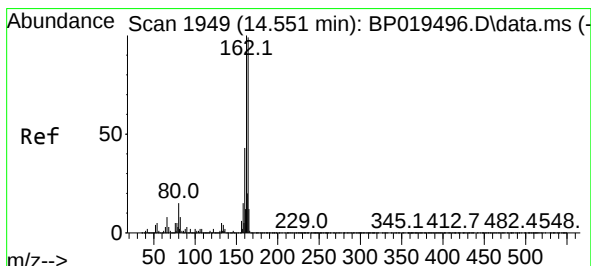
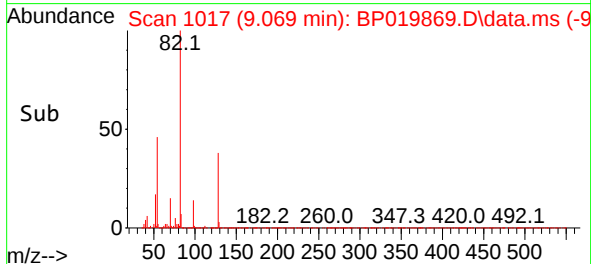
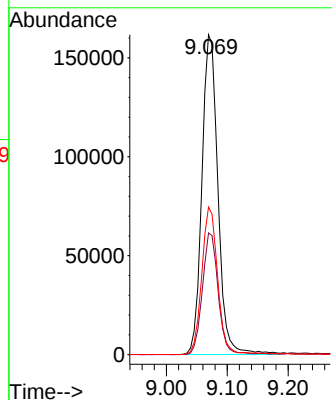
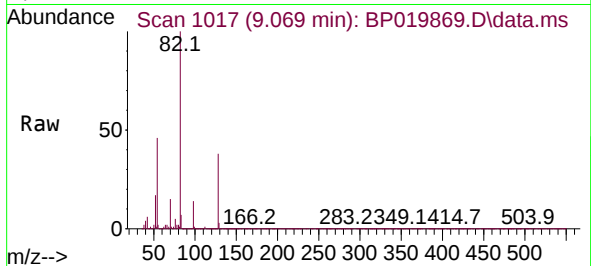




#23
Nitrobenzene-d5
Concen: 52.840 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

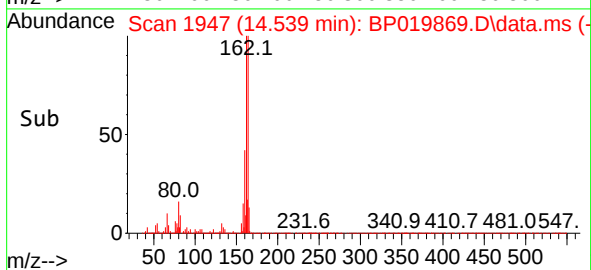
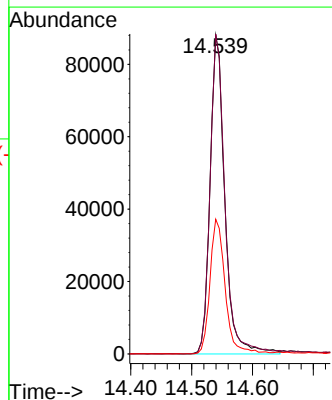
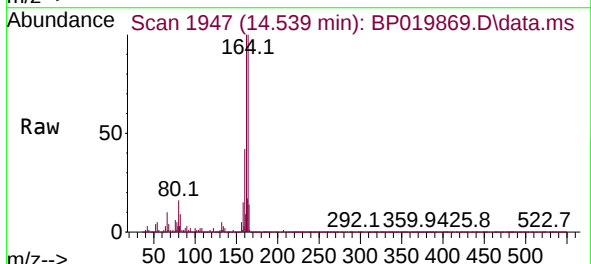
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-15

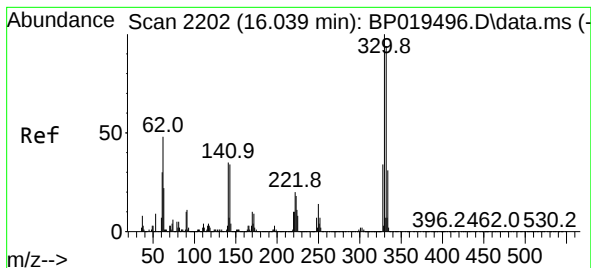
Tgt Ion: 82 Resp: 295955
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 46.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019869.D
Acq: 24 Feb 2024 19:14

Tgt Ion:164 Resp: 148453
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 42.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 99.120 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-15

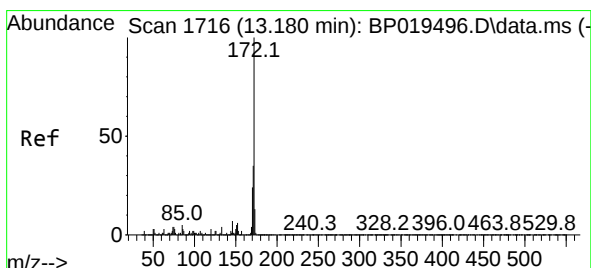
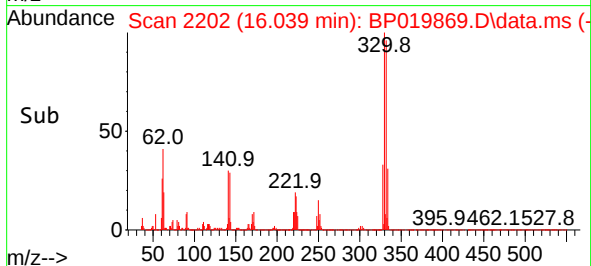
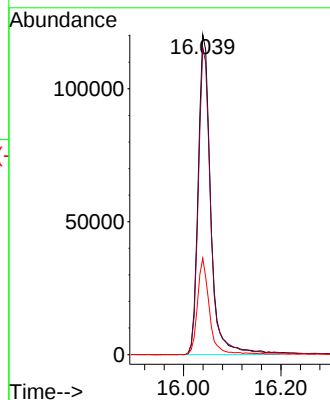
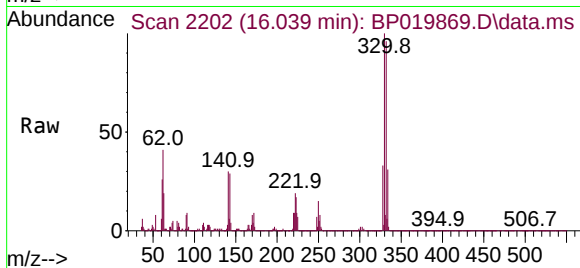
Tgt Ion:330 Resp: 214845

Ion Ratio Lower Upper

330 100

332 95.0 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 52.147 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

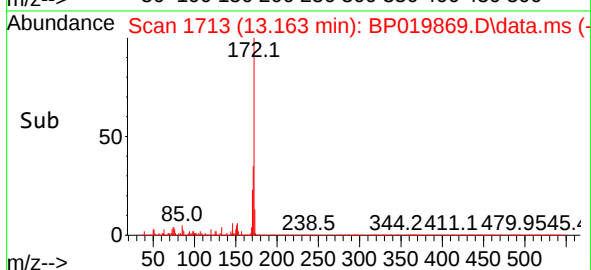
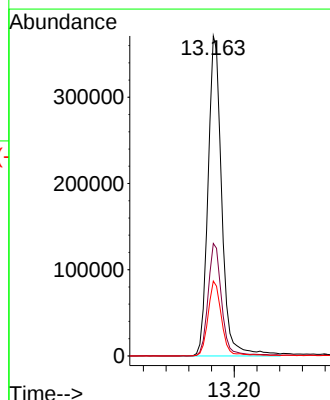
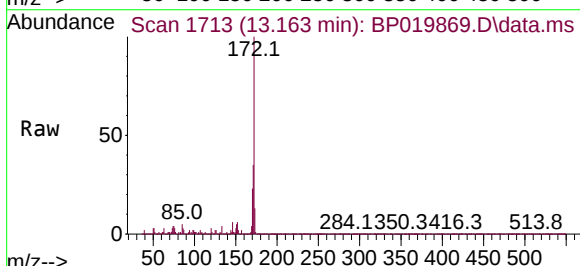
Tgt Ion:172 Resp: 626204

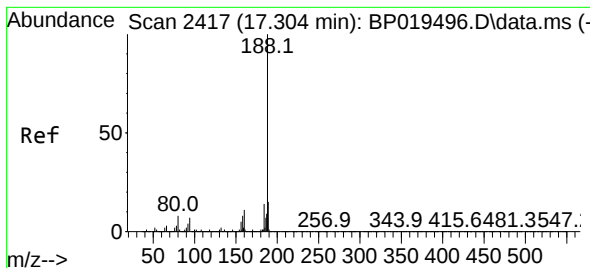
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

Instrument :

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ClientSampleId :

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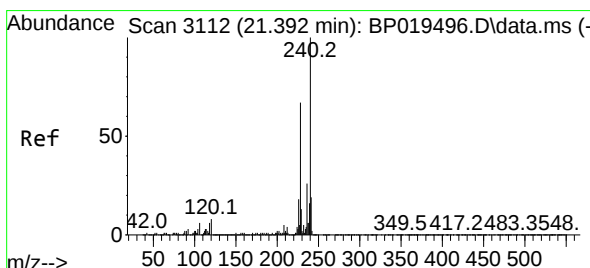
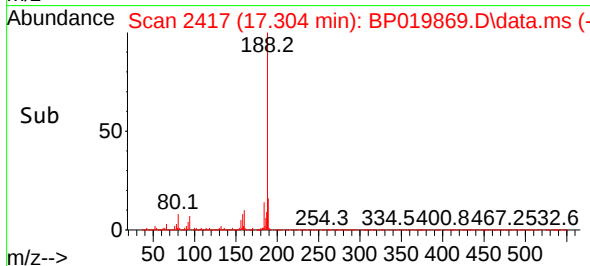
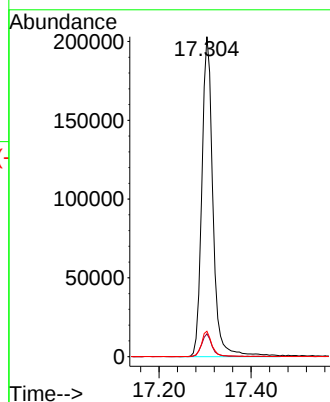
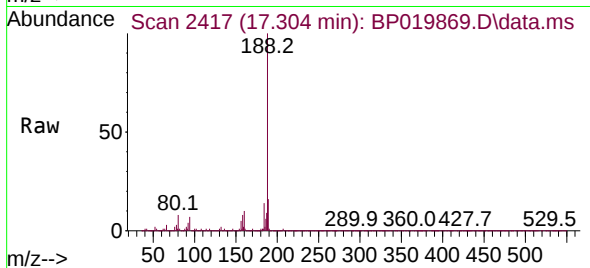
Tgt Ion:188 Resp: 338359

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.018 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

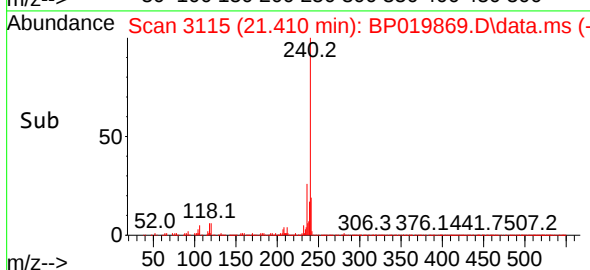
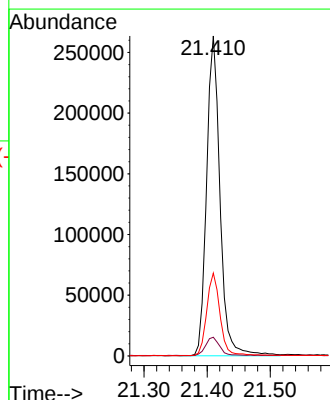
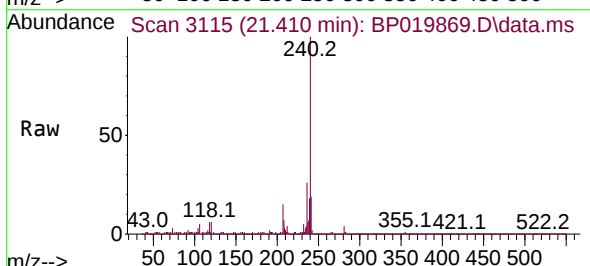
Tgt Ion:240 Resp: 389035

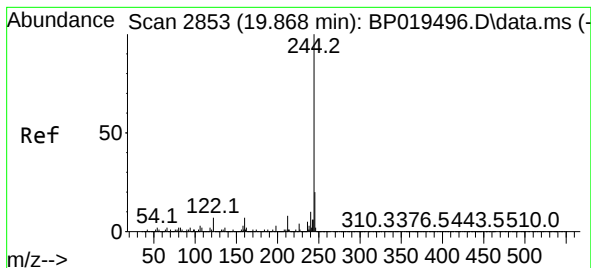
Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 52.205 ng

RT: 19.874 min Scan# 2853

Delta R.T. -0.018 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

Instrument :

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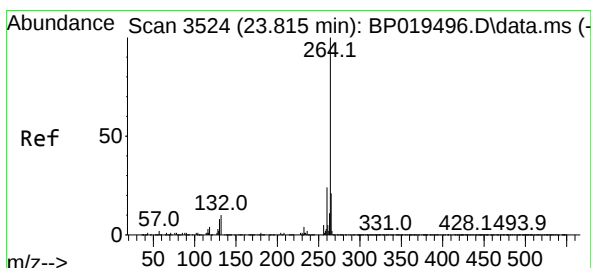
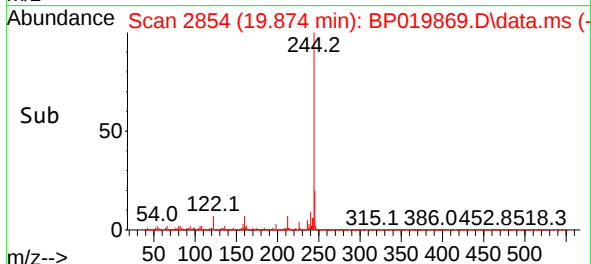
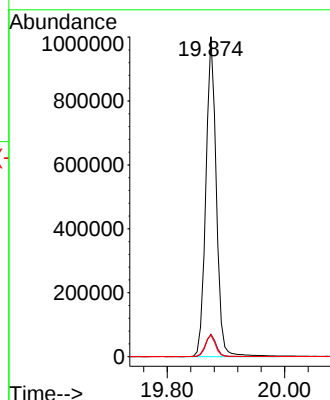
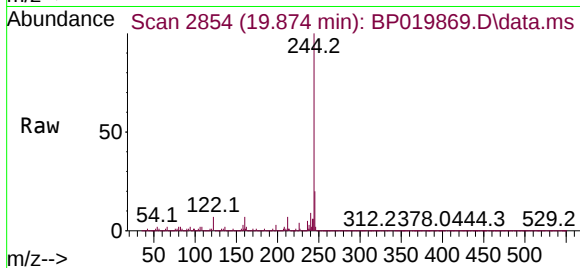
Tgt Ion:244 Resp: 1234967

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.024 min

Lab File: BP019869.D

Acq: 24 Feb 2024 19:14

Tgt Ion:264 Resp: 486844

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.1 17.0 25.4

