

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019868.D
 Acq On : 24 Feb 2024 18:40
 Operator : MA/JU
 Sample : P1564-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-14

Quant Time: Feb 26 00:14:18 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	62570	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	226274	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	149845	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	355718	20.000	ng	0.00
76) Chrysene-d12	21.410	240	395670	20.000	ng	-0.02
86) Perylene-d12	23.839	264	452036	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	355339	91.542	ng	0.00
7) Phenol-d6	7.075	99	440380	84.139	ng	0.00
23) Nitrobenzene-d5	9.069	82	309389	59.248	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	256272	117.135	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	697103	57.511	ng	0.00
79) Terphenyl-d14	19.875	244	1526634	63.452	ng	-0.02

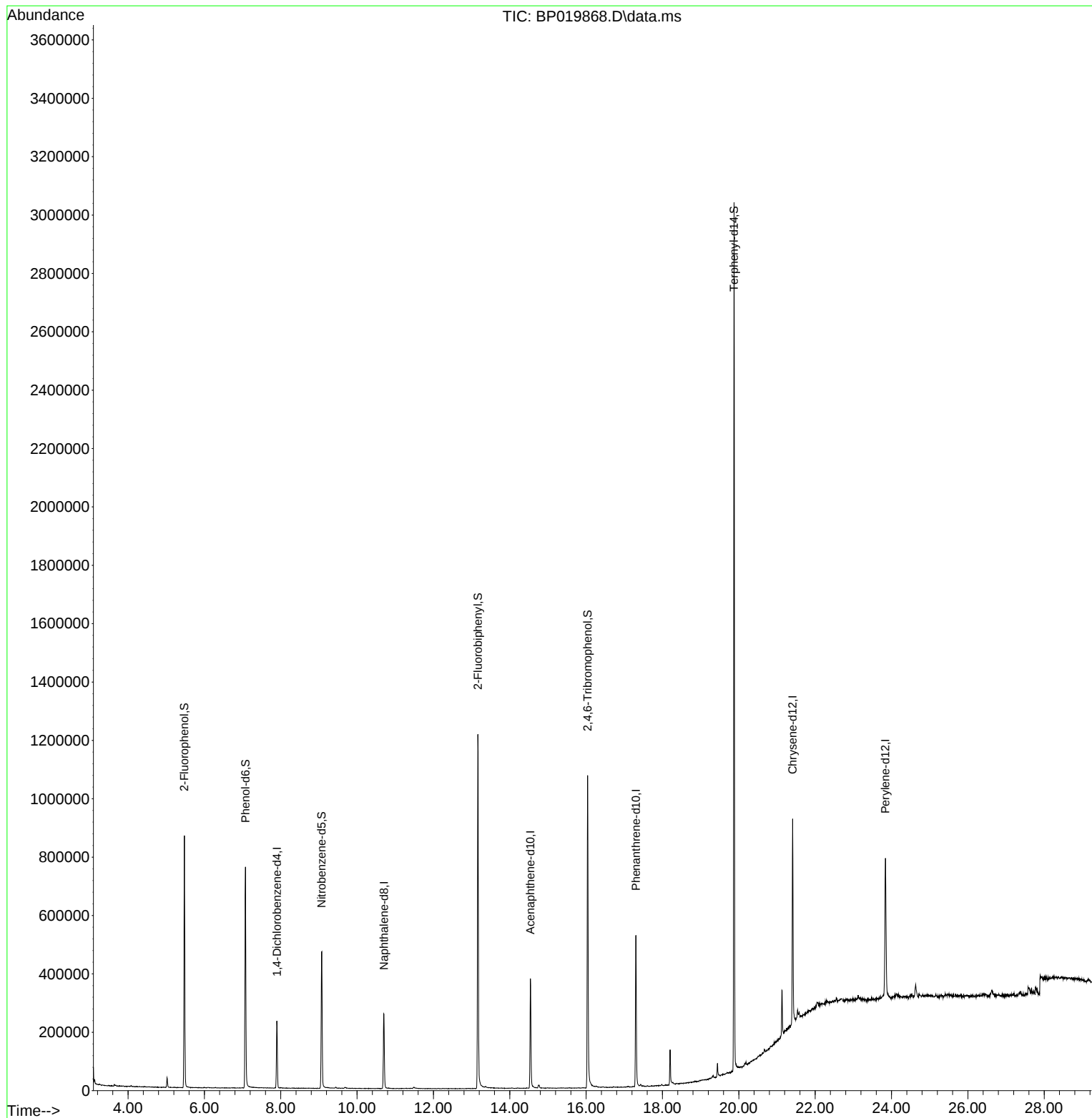
Target Compounds	Qvalue

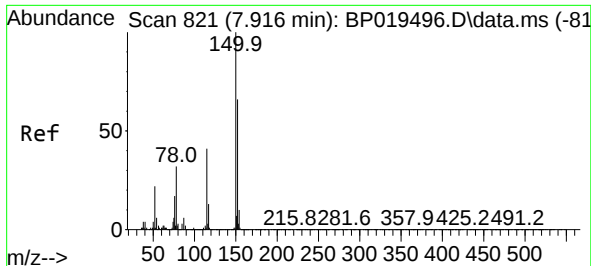
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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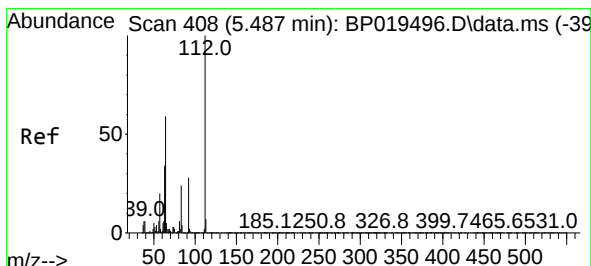
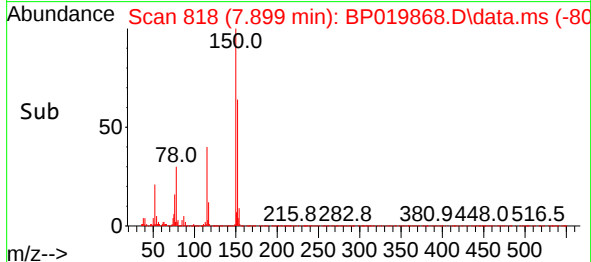
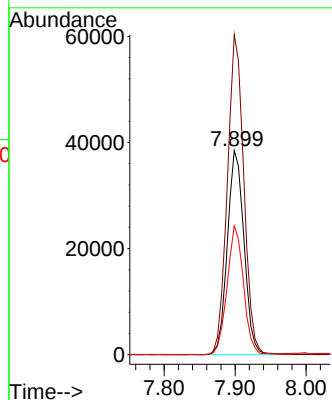
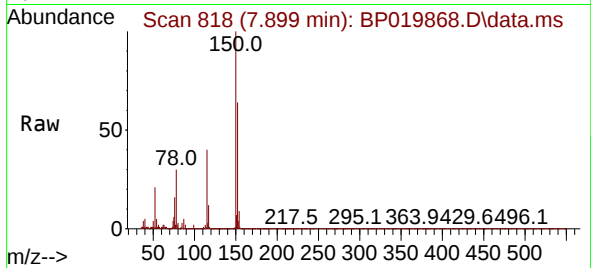




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

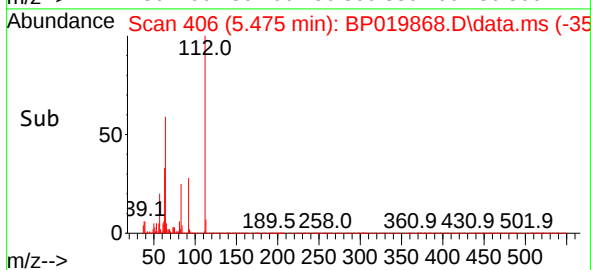
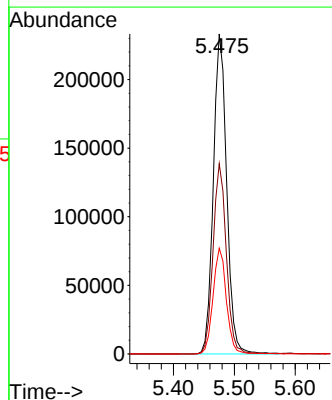
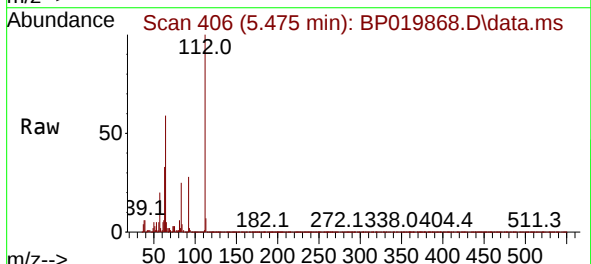
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-14

Tgt Ion:152 Resp: 62570
Ion Ratio Lower Upper
152 100
150 156.8 121.8 182.8
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 91.542 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

Tgt Ion:112 Resp: 355339
Ion Ratio Lower Upper
112 100
64 59.5 47.4 71.0
63 33.1 27.0 40.6

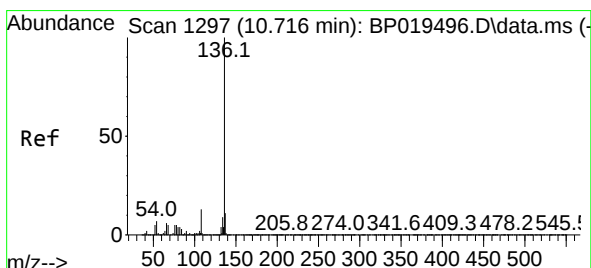
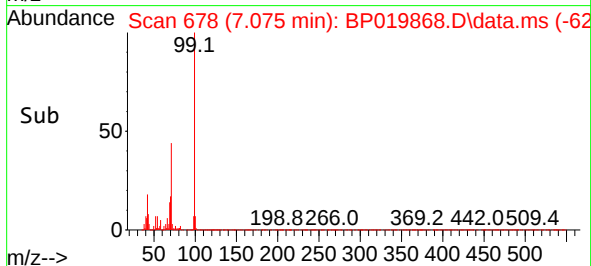
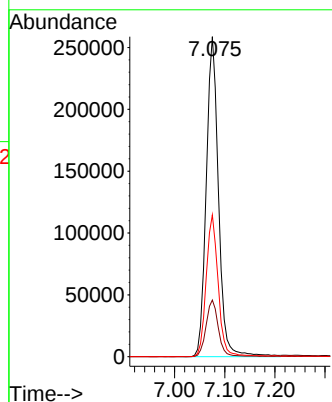
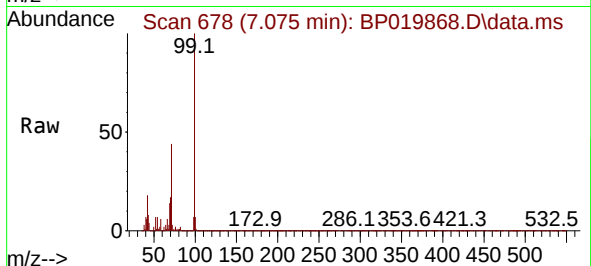




#7
Phenol-d6
Concen: 84.139 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

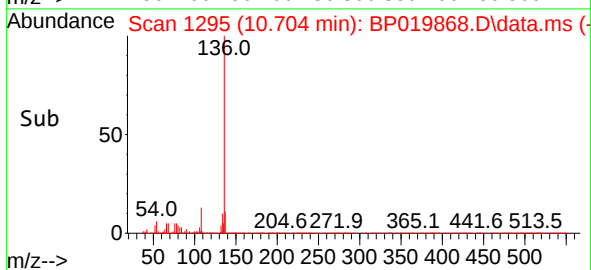
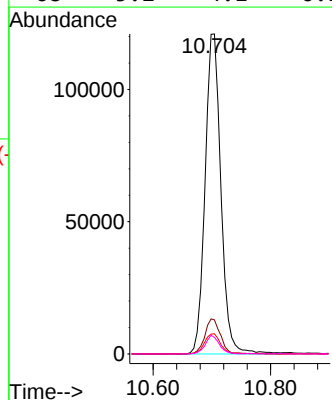
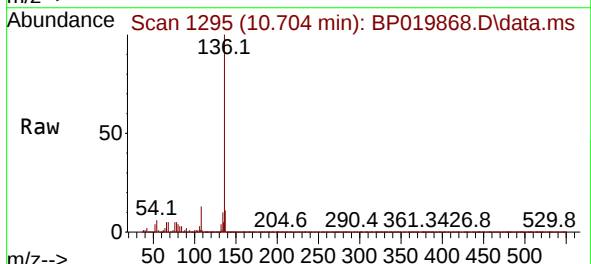
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-14

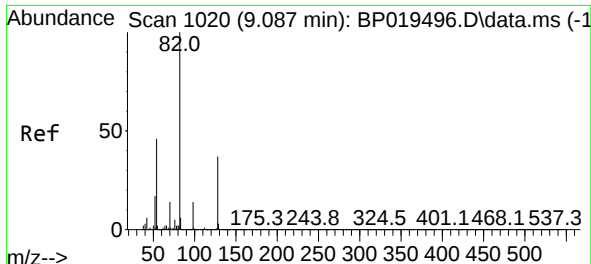
Tgt Ion: 99	Resp: 440380
Ion Ratio	Lower Upper
99 100	
42 17.7	14.7 22.1
71 44.3	34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

Tgt	Ion:136	Resp:	226274
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.3	5.3	7.9
68	5.2	4.1	6.1

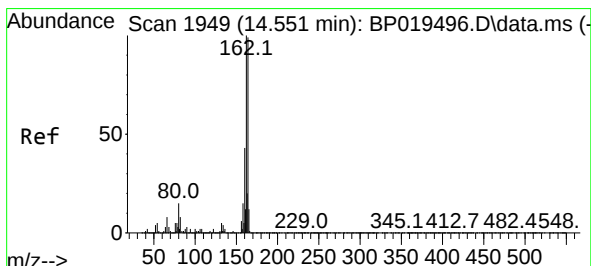
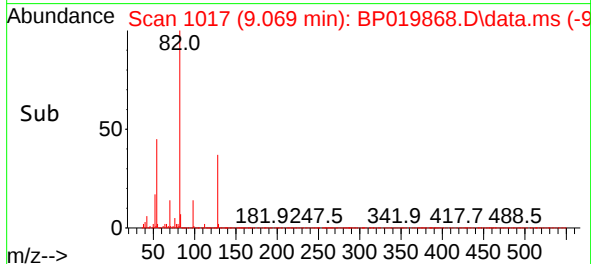
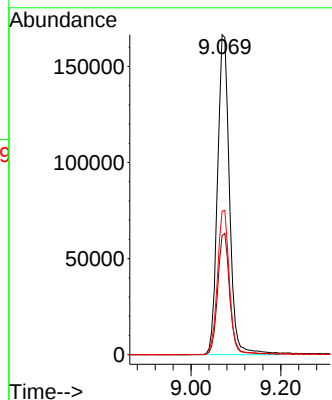
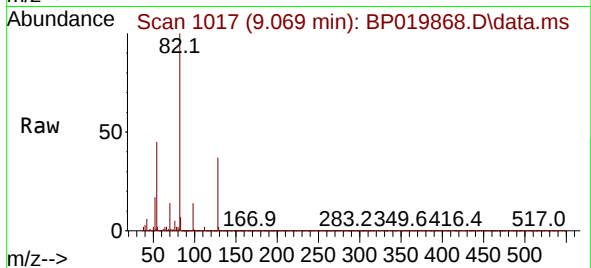




#23
Nitrobenzene-d5
Concen: 59.248 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

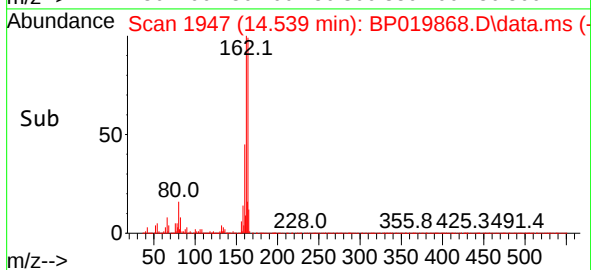
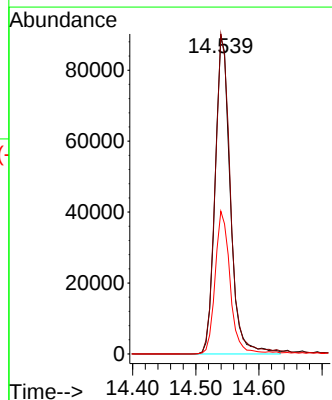
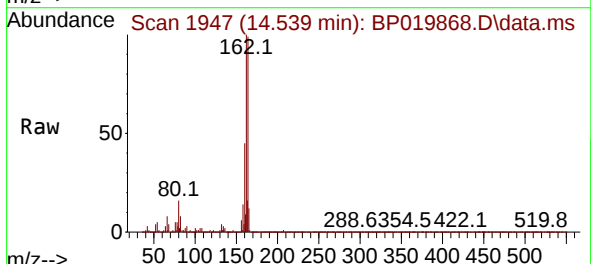
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-14

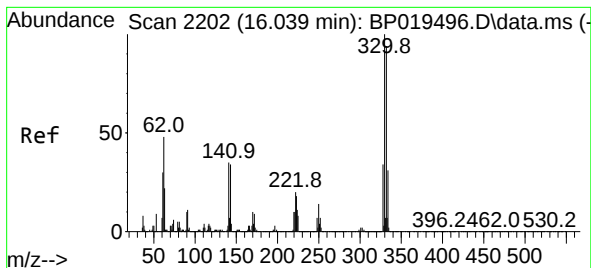
Tgt Ion: 82 Resp: 309389
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 44.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019868.D
Acq: 24 Feb 2024 18:40

Tgt Ion:164 Resp: 149845
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 117.135 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019868.D

Acq: 24 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-14

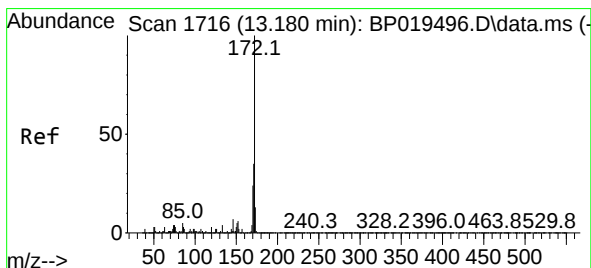
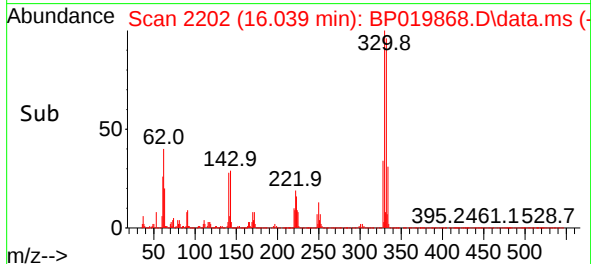
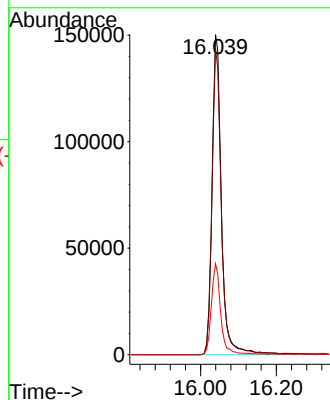
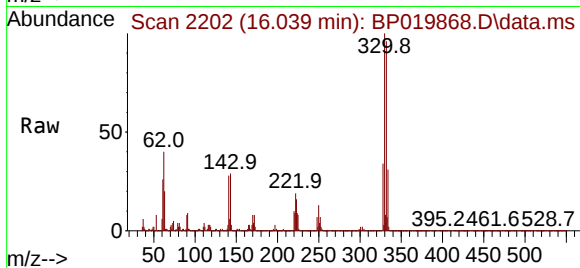
Tgt Ion:330 Resp: 256272

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 57.511 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019868.D

Acq: 24 Feb 2024 18:40

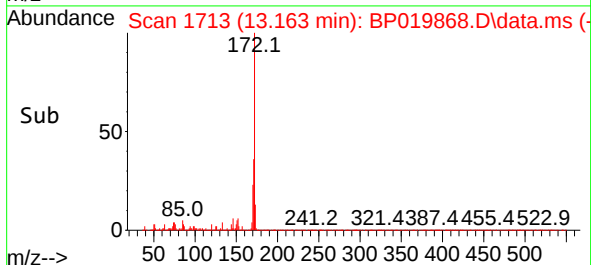
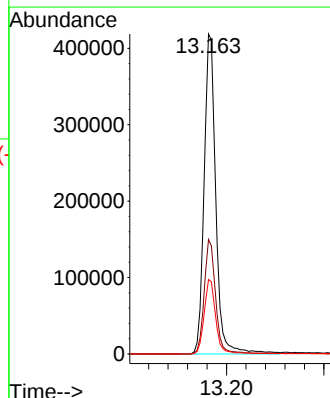
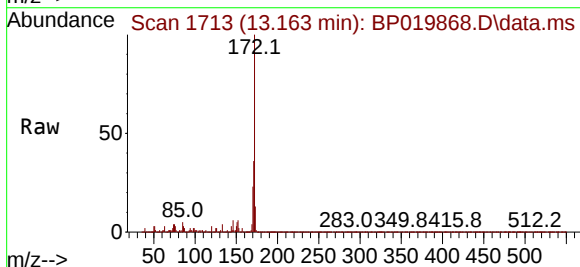
Tgt Ion:172 Resp: 697103

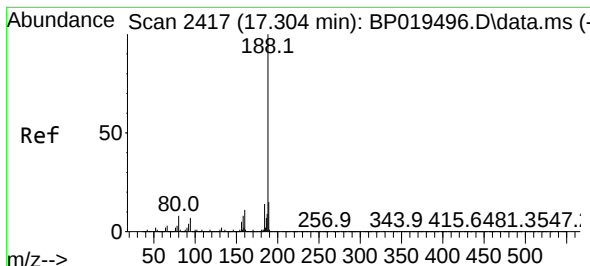
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.3 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: BP019868.D

Acq: 24 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

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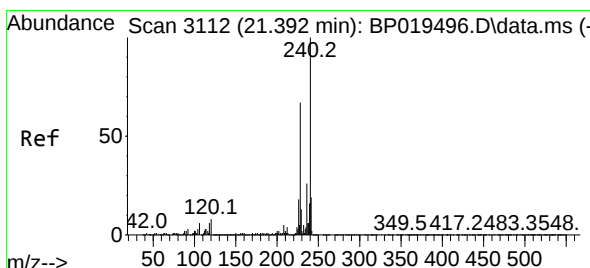
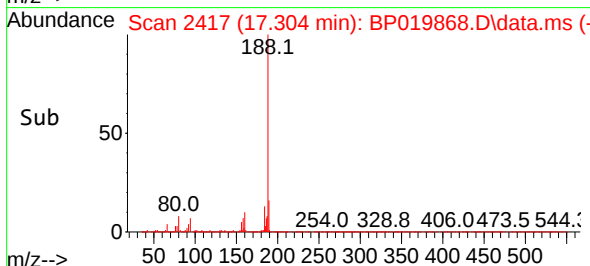
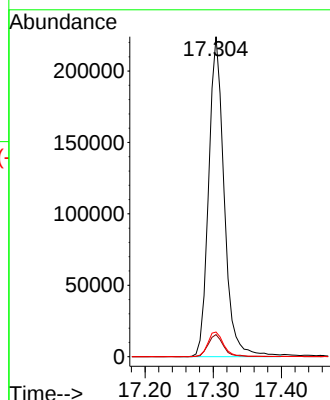
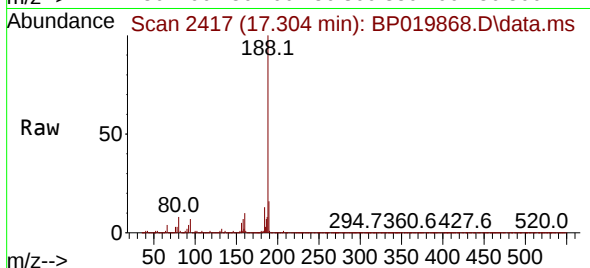
Tgt Ion:188 Resp: 355718

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.7 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: BP019868.D

Acq: 24 Feb 2024 18:40

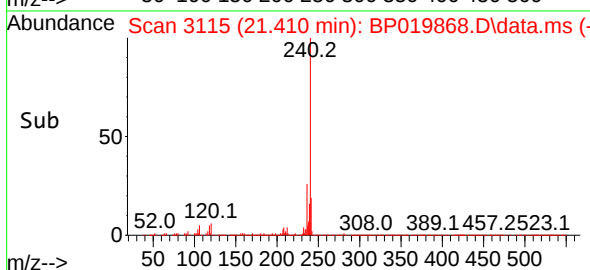
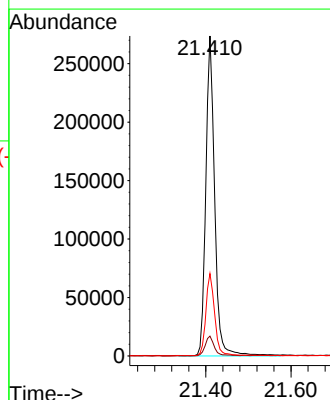
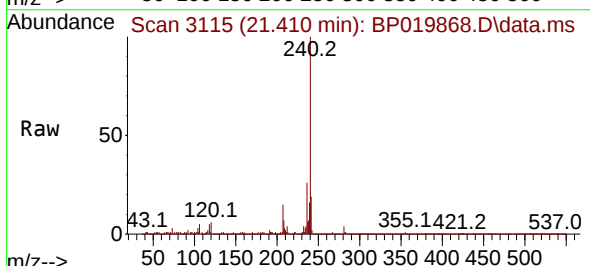
Tgt Ion:240 Resp: 395670

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 63.452 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP019868.D

Acq: 24 Feb 2024 18:40

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-14

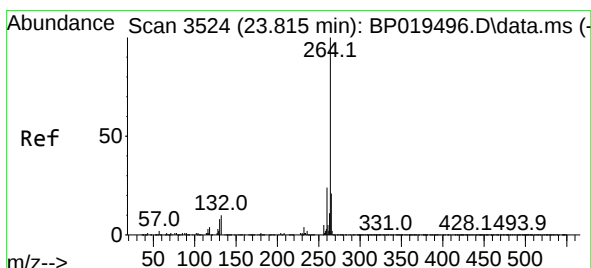
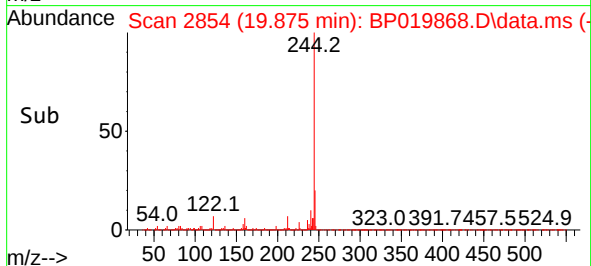
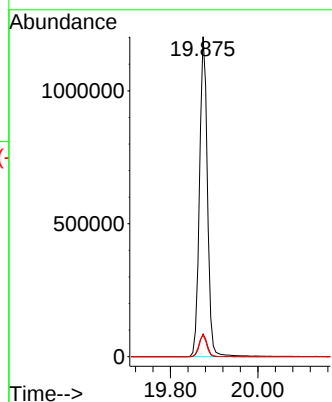
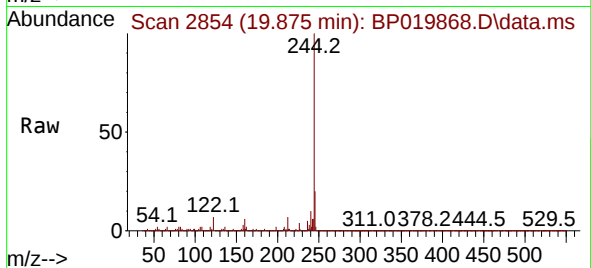
Tgt Ion:244 Resp: 1526634

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3528

Delta R.T. -0.030 min

Lab File: BP019868.D

Acq: 24 Feb 2024 18:40

Tgt Ion:264 Resp: 452036

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.9 17.0 25.4

