

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019861.D
 Acq On : 24 Feb 2024 14:44
 Operator : MA/JU
 Sample : P1564-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-09

Quant Time: Feb 26 00:10:31 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	7.904	152	88594	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	247982	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	162596	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	391951	20.000	ng	0.00
76) Chrysene-d12	21.410	240	422133	20.000	ng	-0.02
86) Perylene-d12	23.845	264	503210	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	301865	54.923	ng	0.00
7) Phenol-d6	7.075	99	522558	70.513	ng	0.00
23) Nitrobenzene-d5	9.075	82	348640	60.920	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	225414	94.950	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	625118	47.528	ng	0.00
79) Terphenyl-d14	19.874	244	1367104	53.260	ng	-0.02

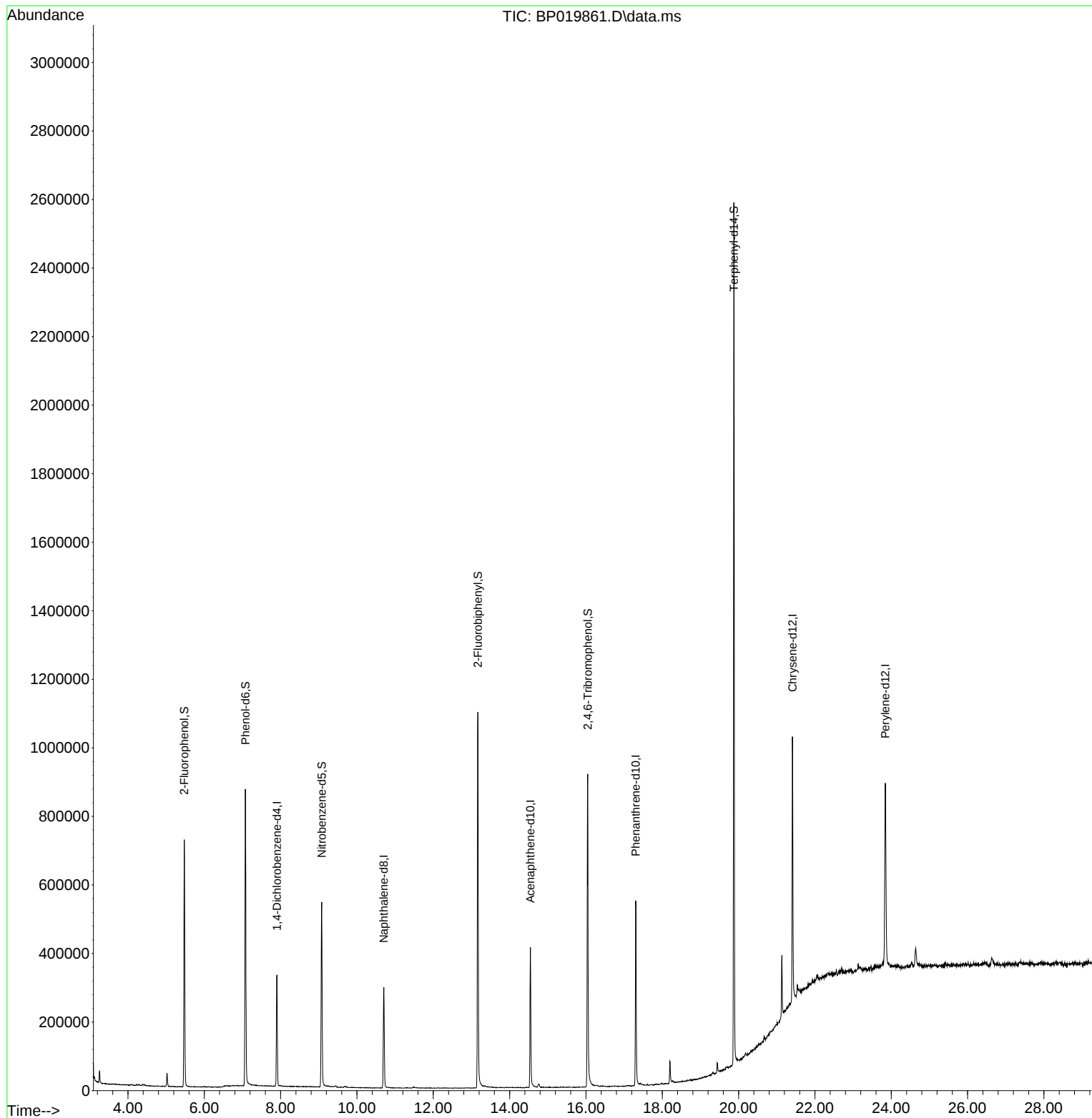
Target Compounds	Qvalue

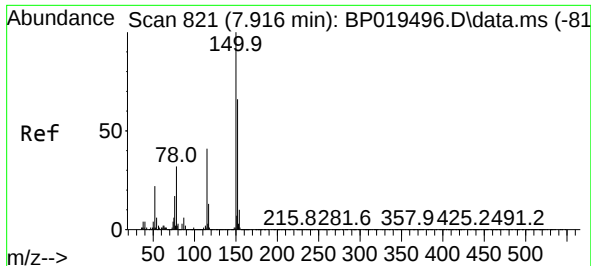
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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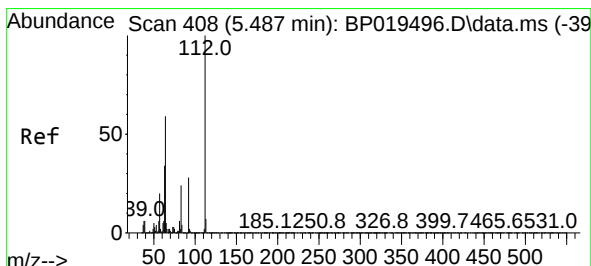
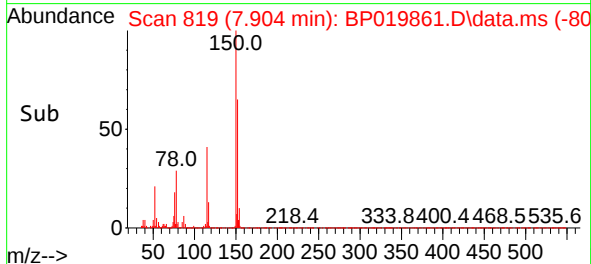
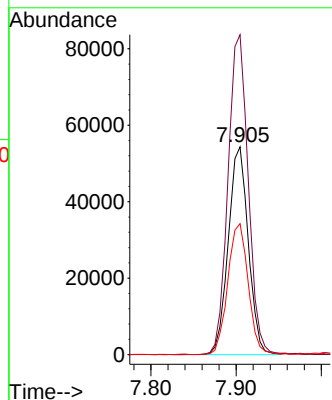
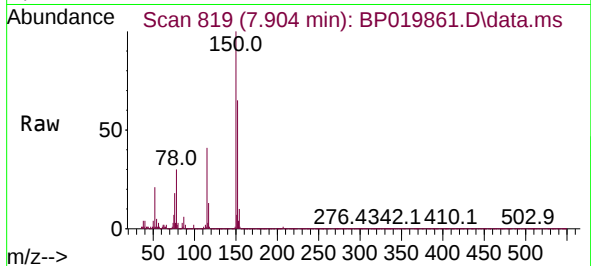




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BP019861.D
 Acq: 24 Feb 2024 14:44

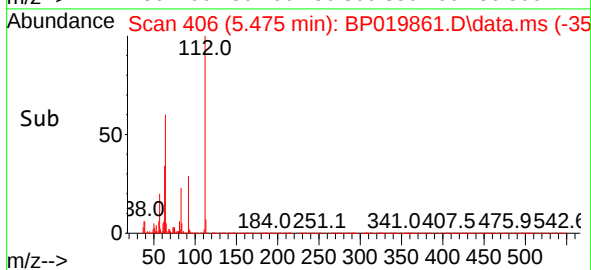
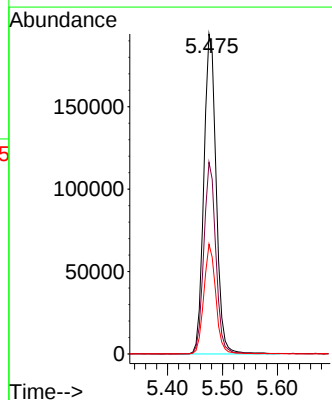
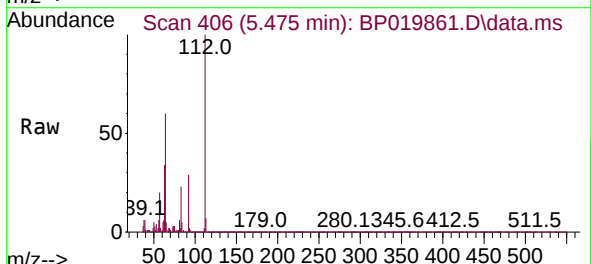
Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-09

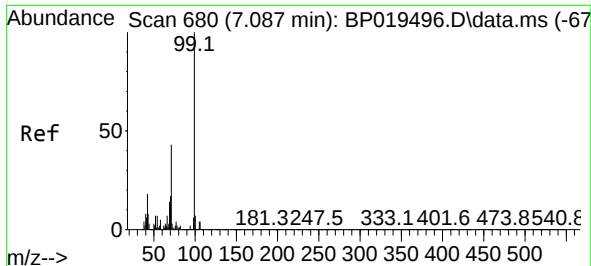
Tgt Ion:152 Resp: 88594
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.8 182.8
 115 63.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 54.923 ng
 RT: 5.475 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: BP019861.D
 Acq: 24 Feb 2024 14:44

Tgt Ion:112 Resp: 301865
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.4 71.0
 63 34.3 27.0 40.6

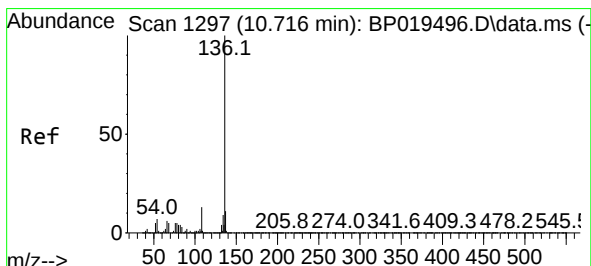
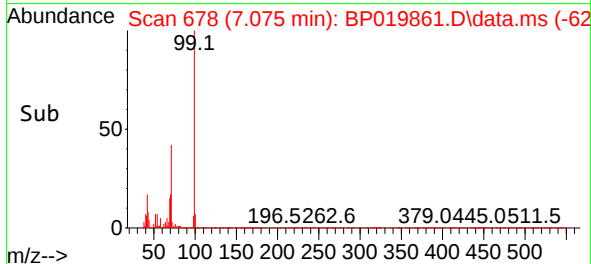
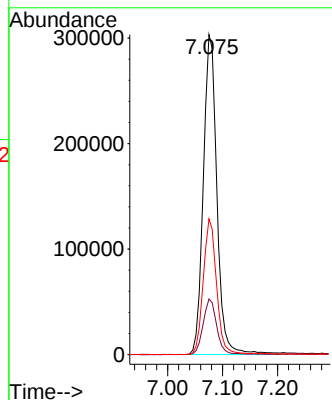
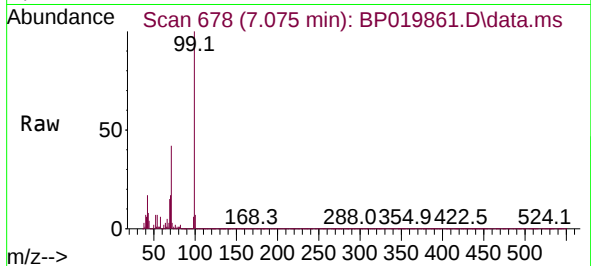




#7
Phenol-d6
Concen: 70.513 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

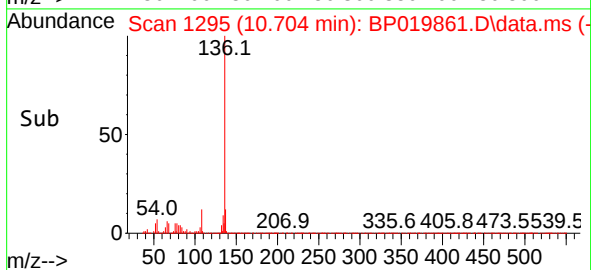
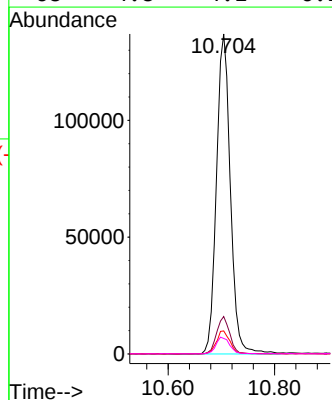
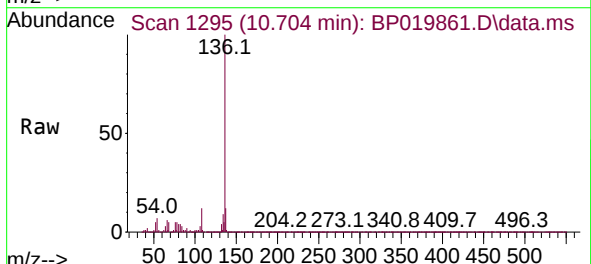
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-09

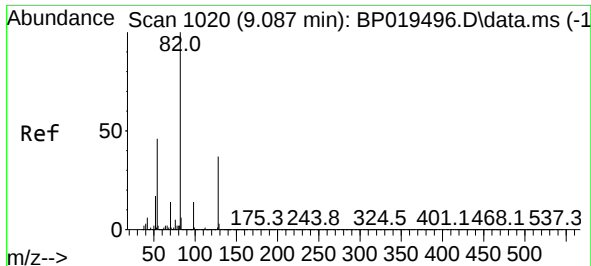
Tgt Ion: 99 Resp: 522558
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

Tgt Ion: 136 Resp: 247982
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 7.2 5.3 7.9
68 4.8 4.1 6.1

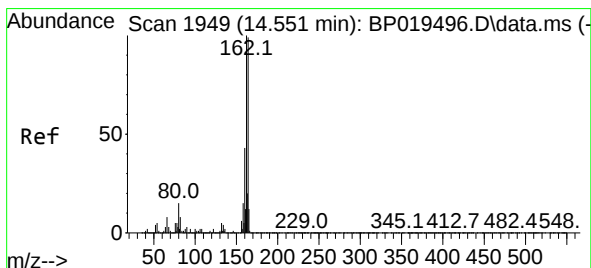
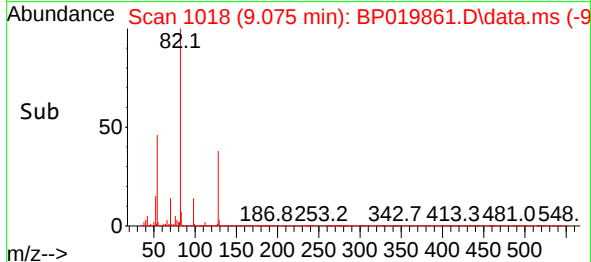
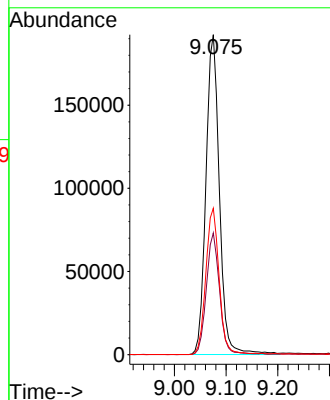
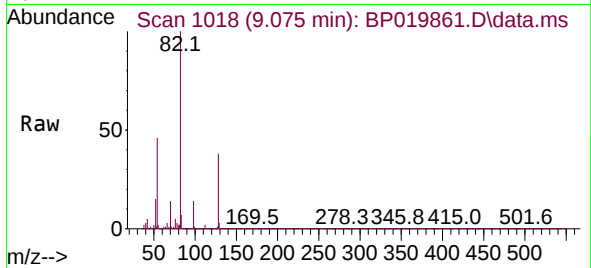




#23
Nitrobenzene-d5
Concen: 60.920 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

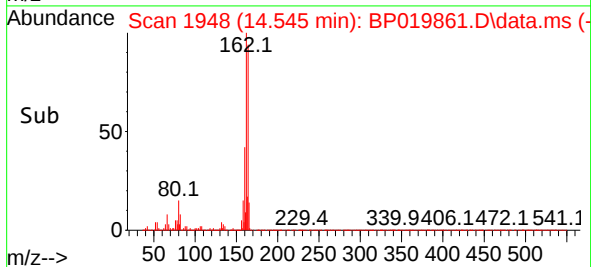
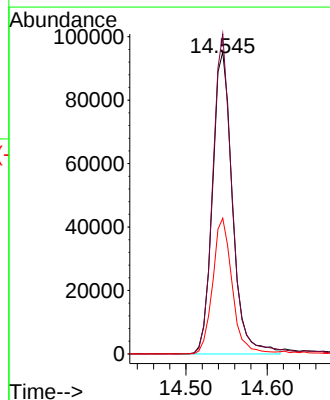
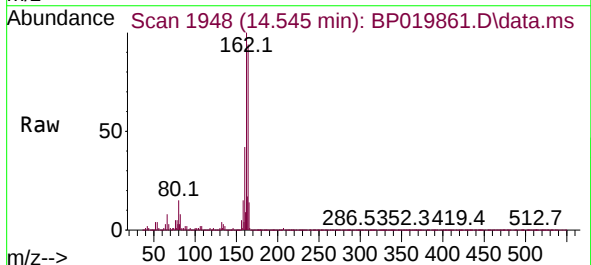
Instrument :
BNA_P
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LKWD-BACKFILL-09

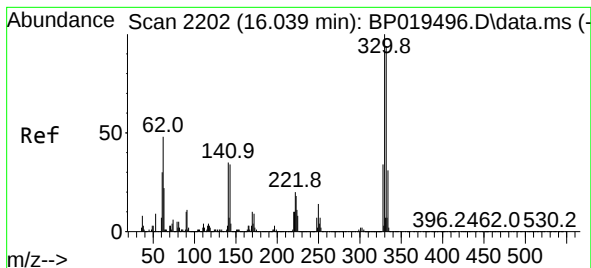
Tgt Ion: 82 Resp: 348640
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

Tgt Ion: 164 Resp: 162596
Ion Ratio Lower Upper
164 100
162 106.0 81.2 121.8
160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 94.950 ng

RT: 16.045 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BP019861.D

Acq: 24 Feb 2024 14:44

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-09

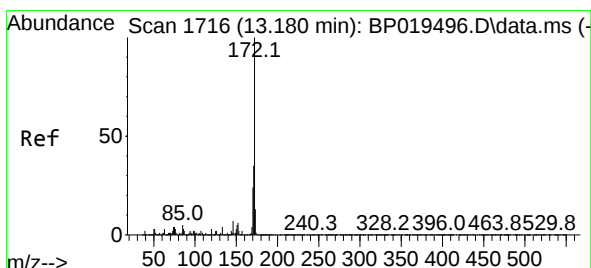
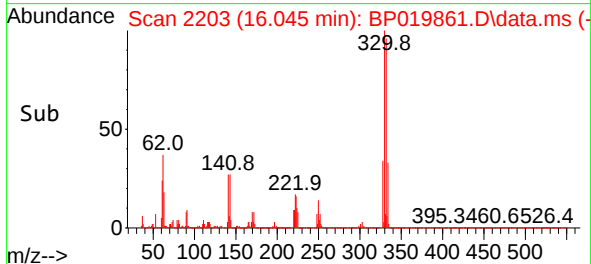
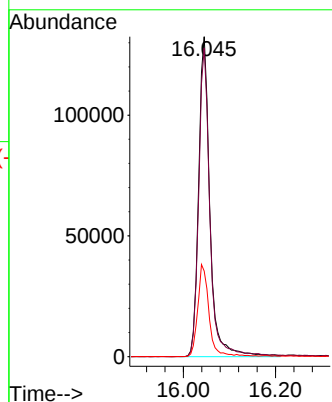
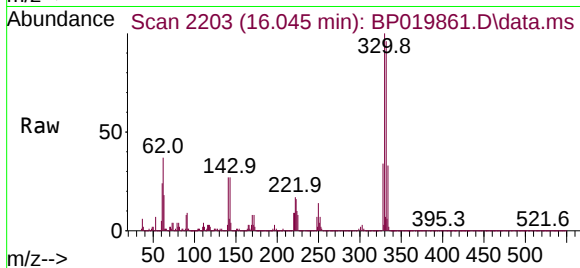
Tgt Ion:330 Resp: 225414

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 28.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 47.528 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019861.D

Acq: 24 Feb 2024 14:44

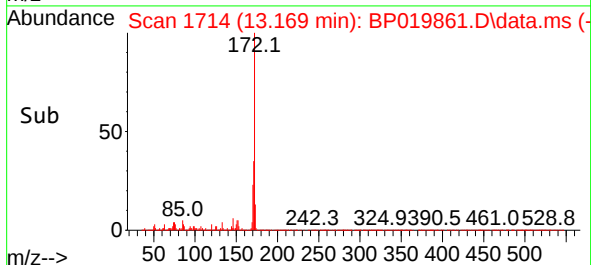
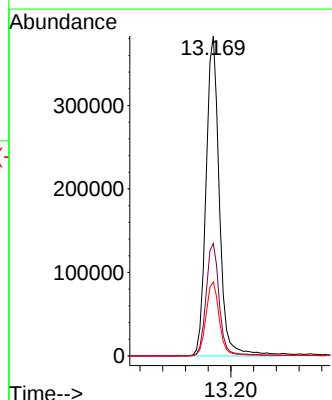
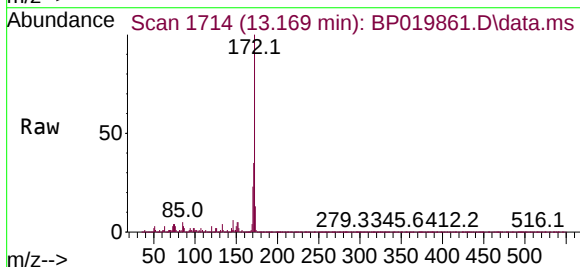
Tgt Ion:172 Resp: 625118

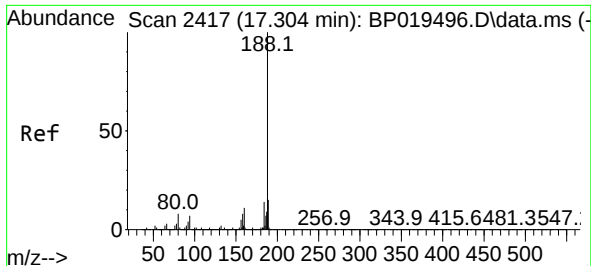
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 18.9 28.3

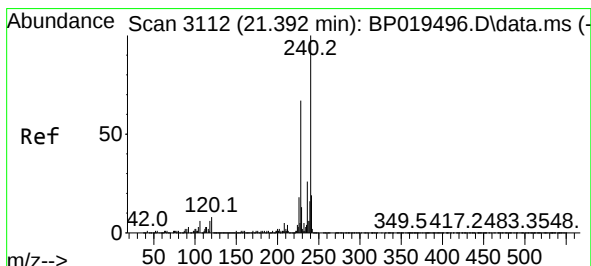
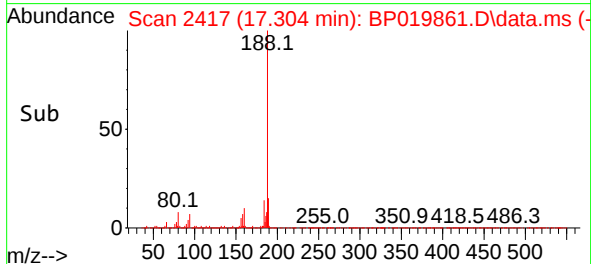
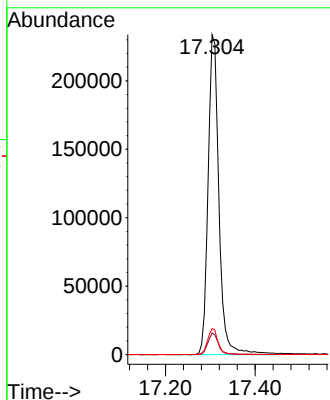
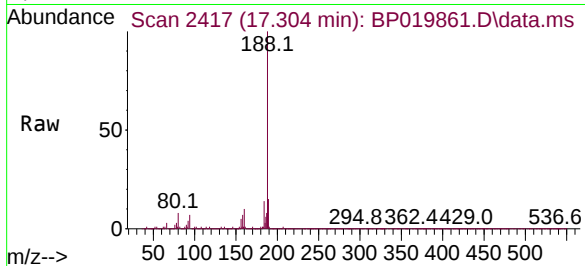




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

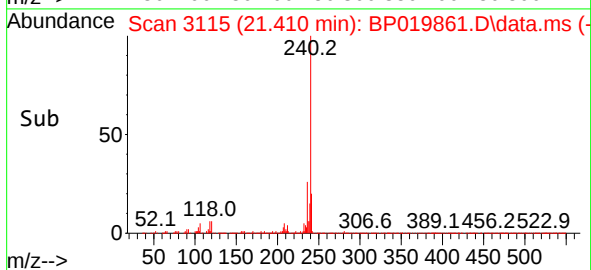
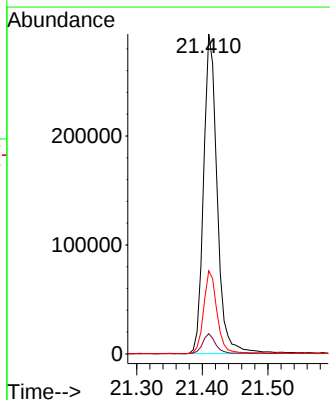
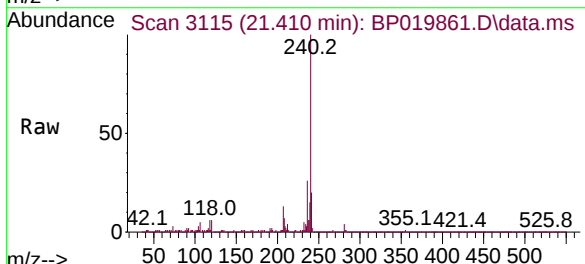
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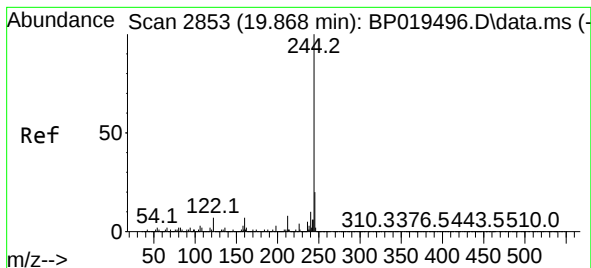
Tgt Ion:188 Resp: 391951
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BP019861.D
Acq: 24 Feb 2024 14:44

Tgt Ion:240 Resp: 422133
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 53.260 ng

RT: 19.874 min Scan# 2853

Delta R.T. -0.018 min

Lab File: BP019861.D

Acq: 24 Feb 2024 14:44

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-09

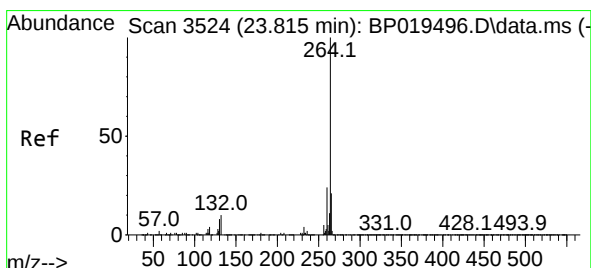
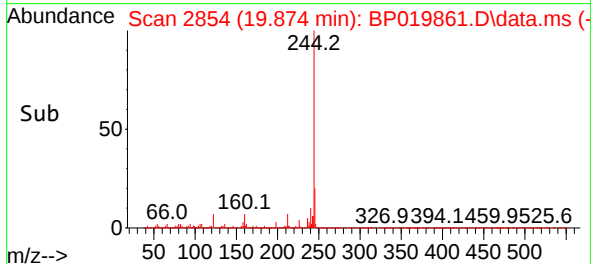
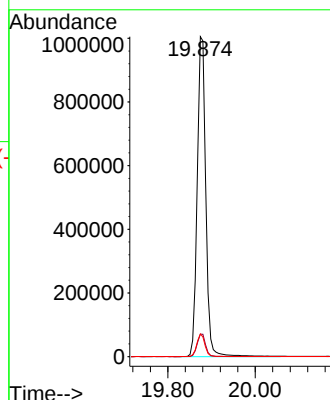
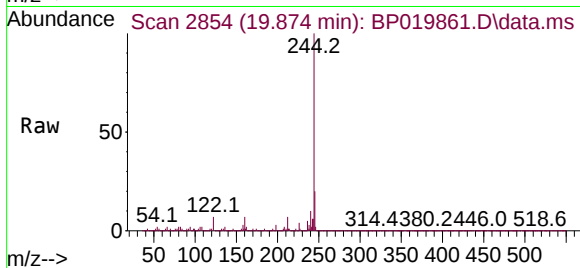
Tgt Ion:244 Resp: 1367104

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 7.1 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: BP019861.D

Acq: 24 Feb 2024 14:44

Tgt Ion:264 Resp: 503210

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 17.0 25.4

