

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019867.D
 Acq On : 24 Feb 2024 18:06
 Operator : MA/JU
 Sample : P1564-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-13

Quant Time: Feb 26 00:13:54 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	79484	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	245598	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	163623	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	382930	20.000	ng	0.00
76) Chrysene-d12	21.410	240	424770	20.000	ng	-0.02
86) Perylene-d12	23.839	264	528649	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	417990	84.768	ng	0.00
7) Phenol-d6	7.075	99	712249	107.125	ng	0.00
23) Nitrobenzene-d5	9.069	82	414500	73.131	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	303837	127.181	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	872647	65.931	ng	0.00
79) Terphenyl-d14	19.875	244	1840133	71.243	ng	-0.02

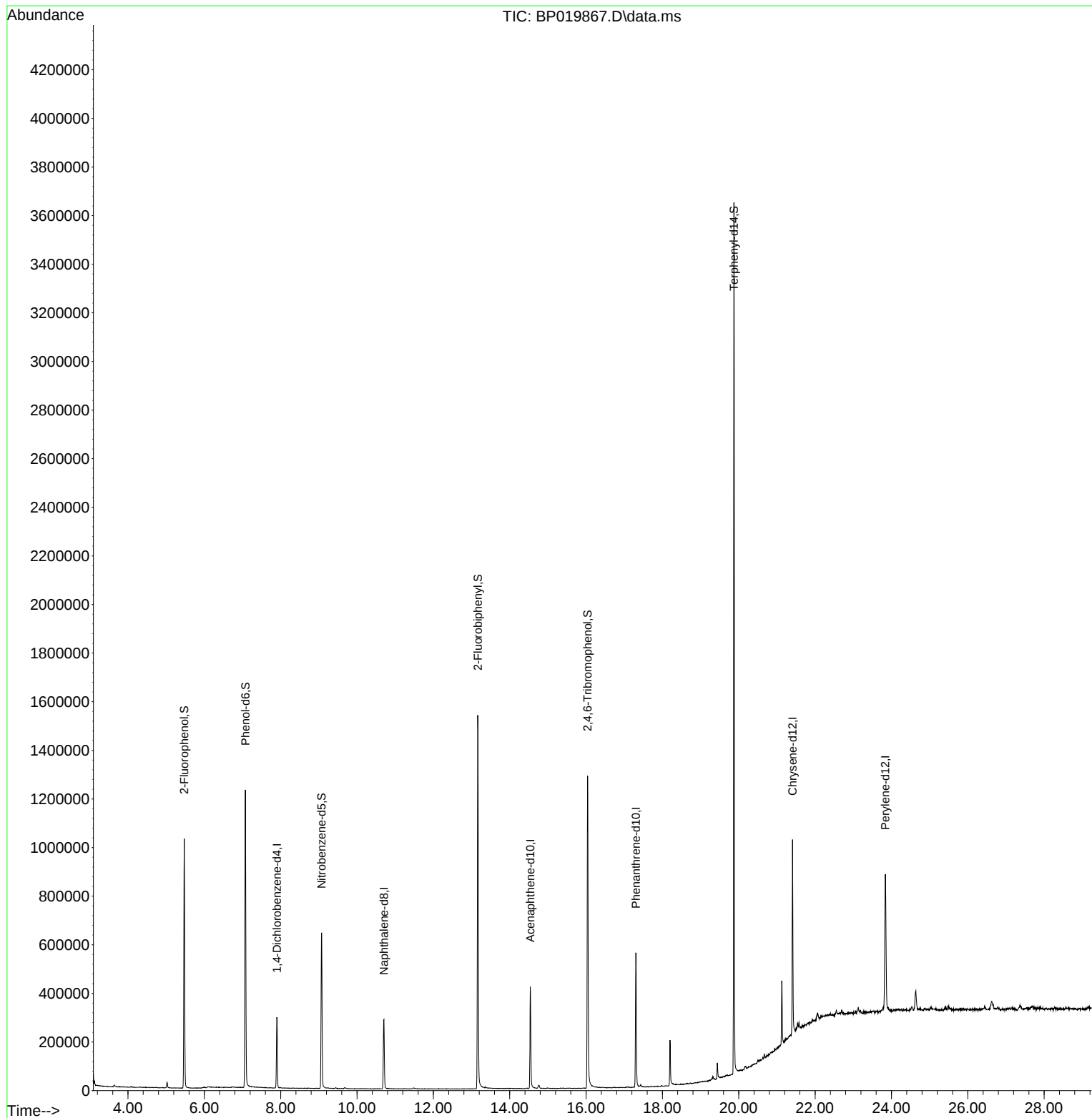
Target Compounds	Qvalue

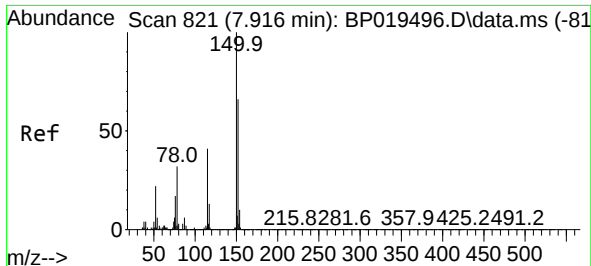
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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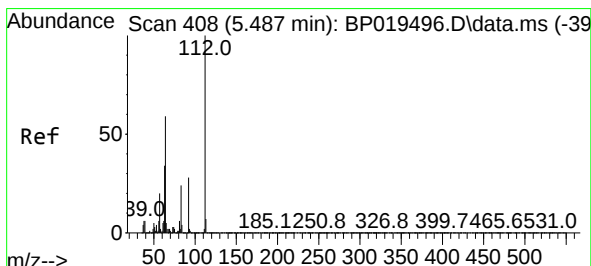
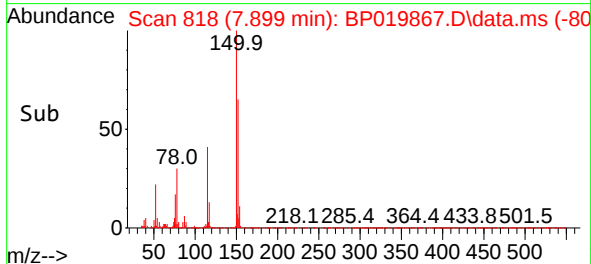
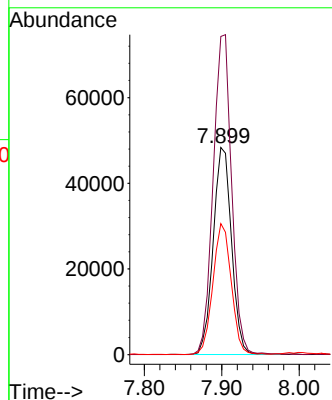
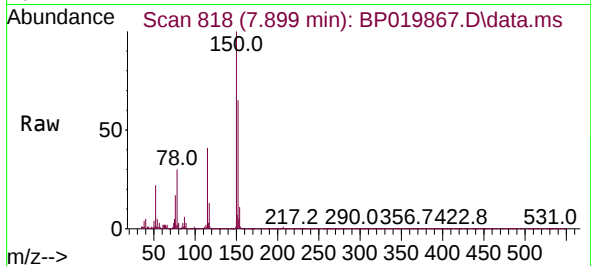




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

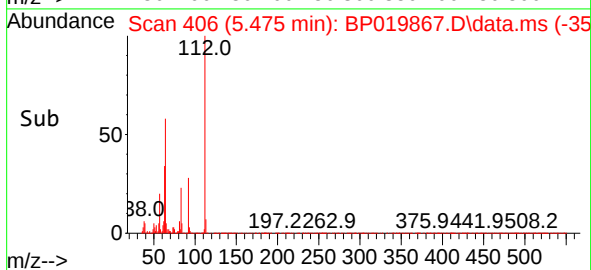
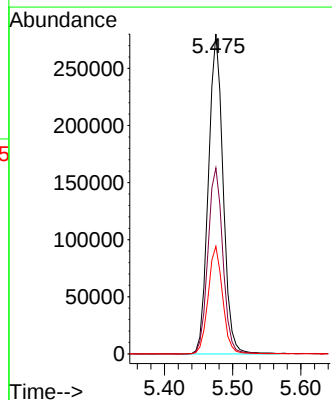
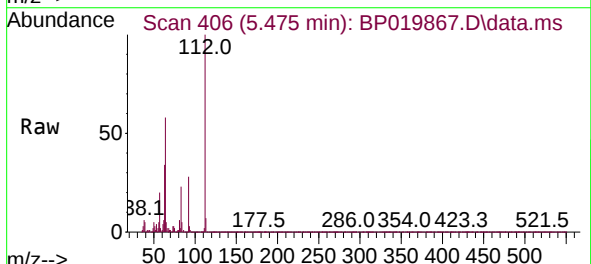
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-13

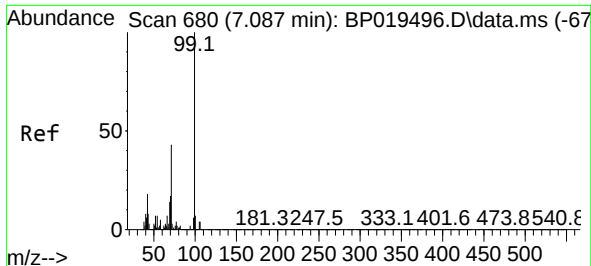
Tgt Ion:152 Resp: 79484
Ion Ratio Lower Upper
152 100
150 153.6 121.8 182.8
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 84.768 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

Tgt Ion:112 Resp: 417990
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 33.6 27.0 40.6

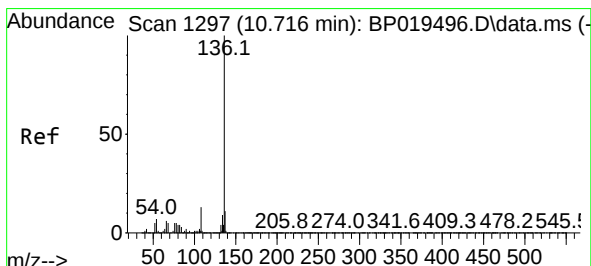
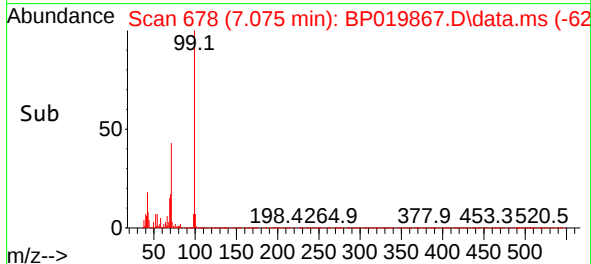
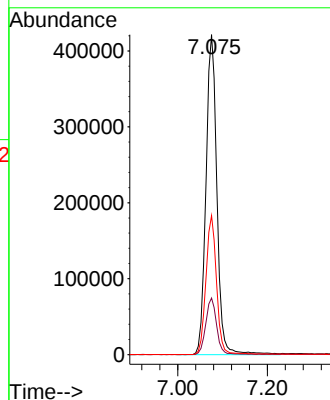
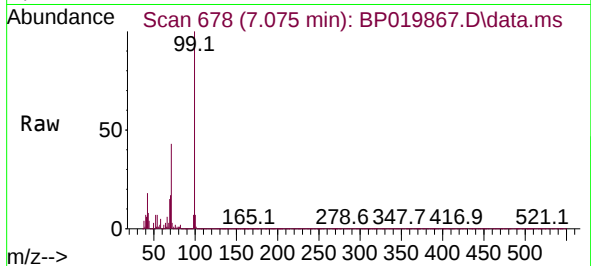




#7
Phenol-d6
Concen: 107.125 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

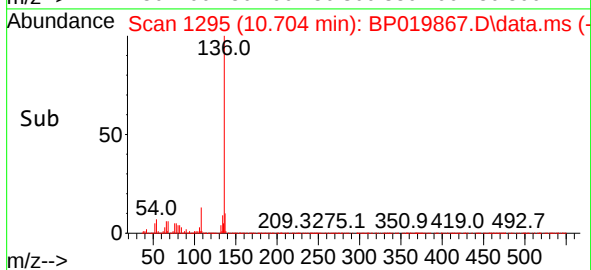
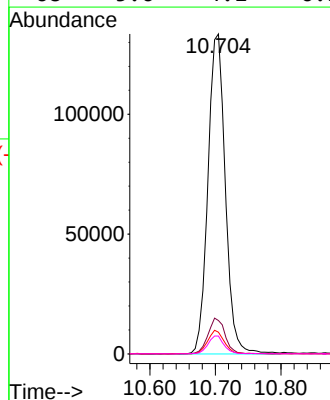
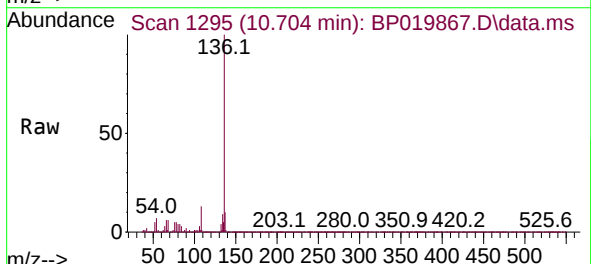
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BNA_P
ClientSampleId :
LKWD-BACKFILL-13

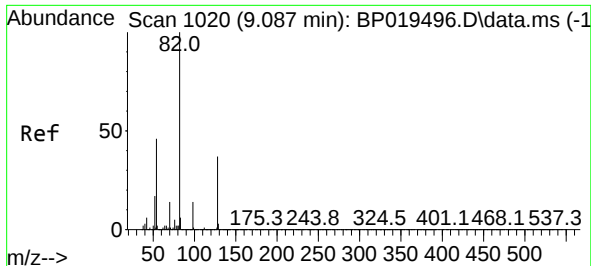
Tgt Ion:	99	Resp:	712249
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	43.4	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

Tgt Ion:	136	Resp:	245598
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.8	5.3	7.9
68	5.6	4.1	6.1

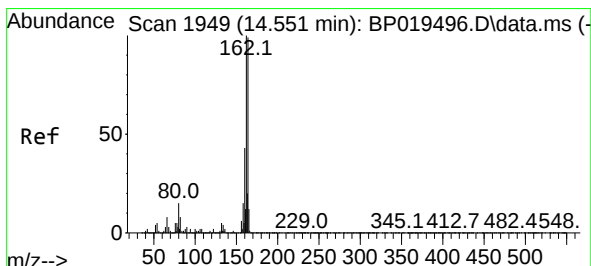
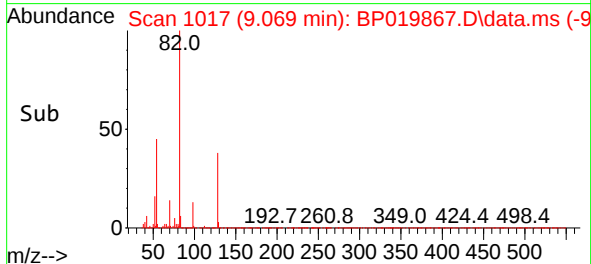
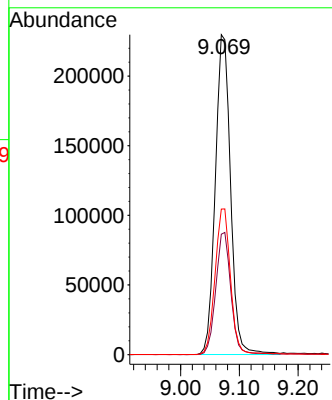
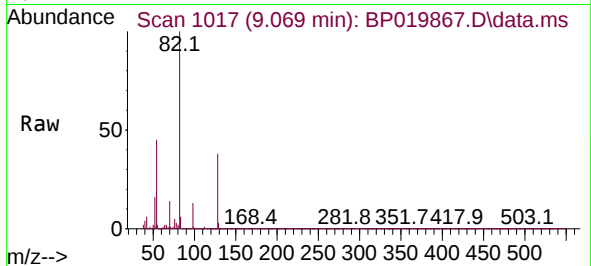




#23
Nitrobenzene-d5
Concen: 73.131 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

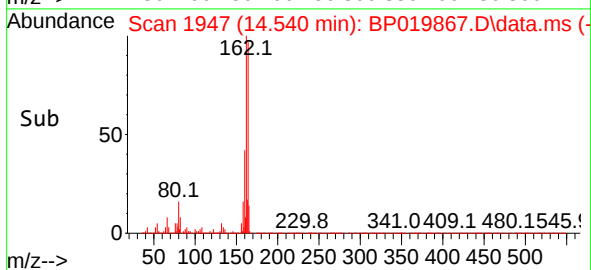
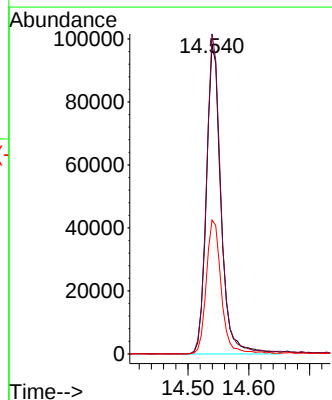
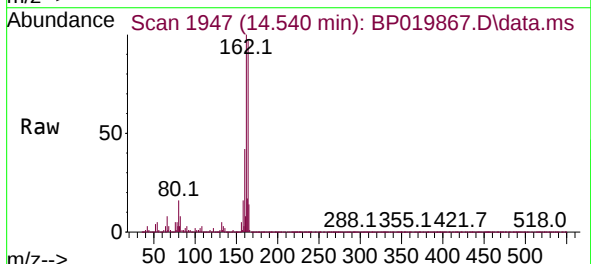
Instrument :
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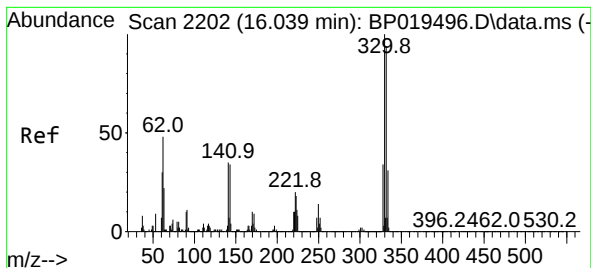
Tgt Ion: 82 Resp: 414500
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 45.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019867.D
Acq: 24 Feb 2024 18:06

Tgt Ion:164 Resp: 163623
Ion Ratio Lower Upper
164 100
162 103.6 81.2 121.8
160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 127.181 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019867.D

Acq: 24 Feb 2024 18:06

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-13

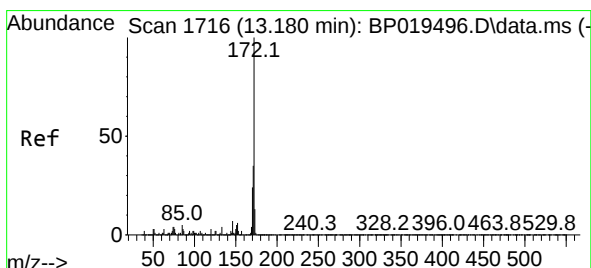
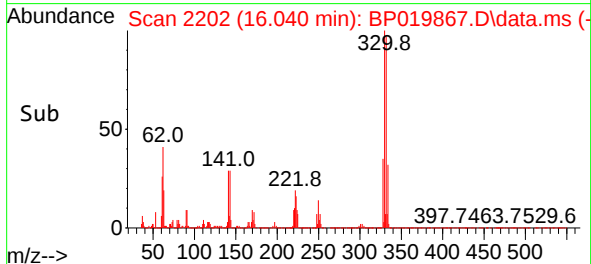
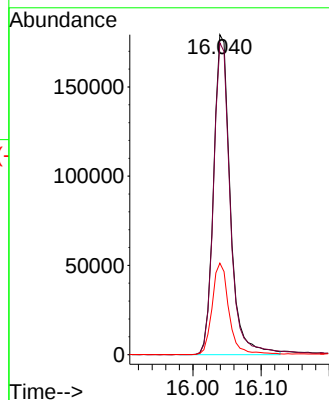
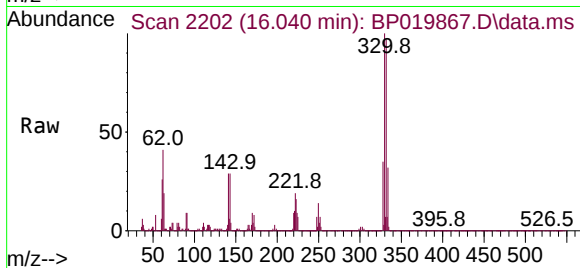
Tgt Ion:330 Resp: 303837

Ion Ratio Lower Upper

330 100

332 98.5 77.2 115.8

141 28.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 65.931 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019867.D

Acq: 24 Feb 2024 18:06

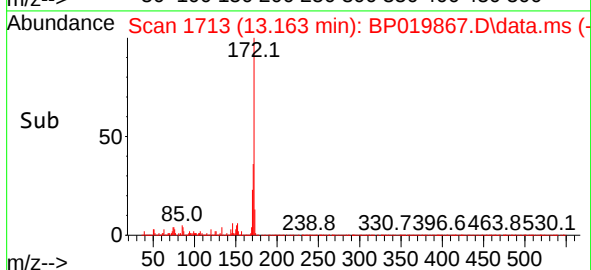
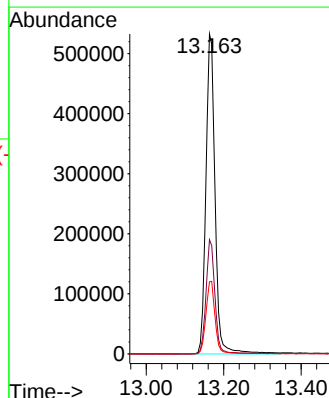
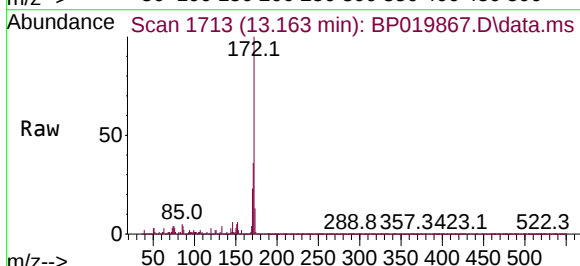
Tgt Ion:172 Resp: 872647

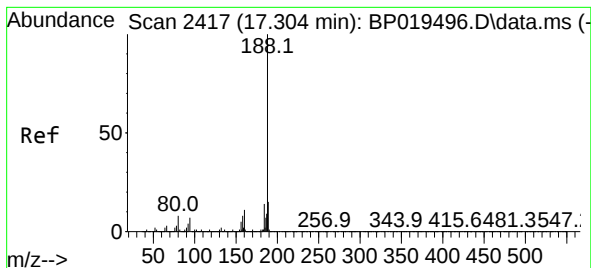
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 22.5 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: BP019867.D

Acq: 24 Feb 2024 18:06

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-13

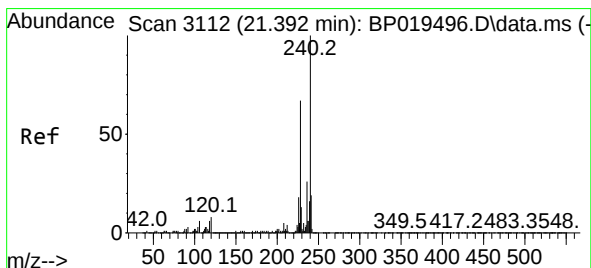
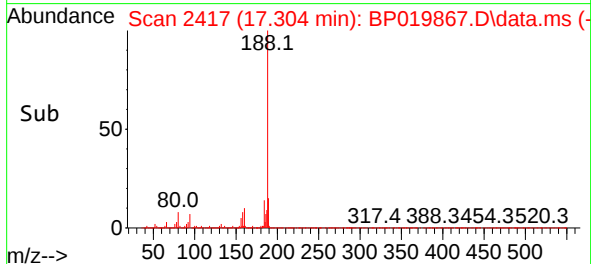
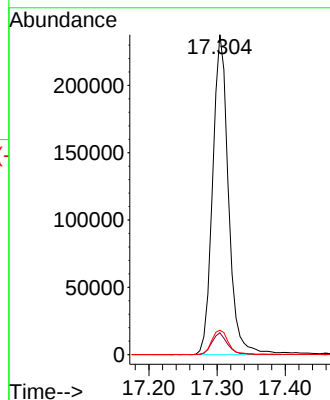
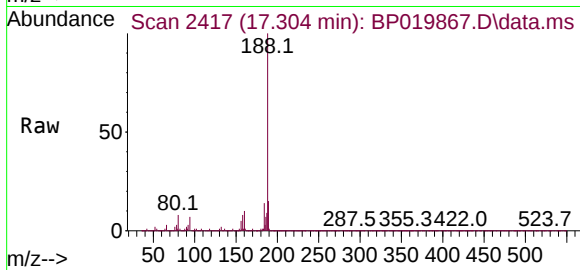
Tgt Ion:188 Resp: 382930

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.6 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: BP019867.D

Acq: 24 Feb 2024 18:06

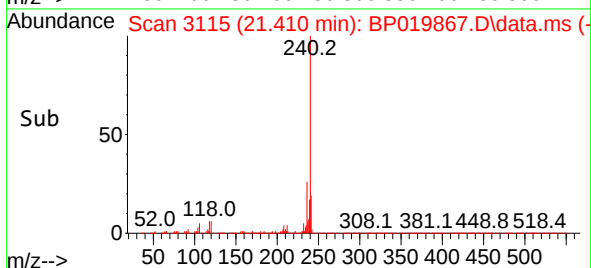
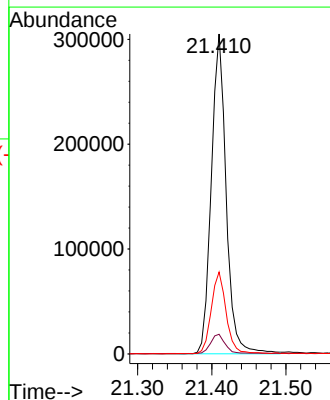
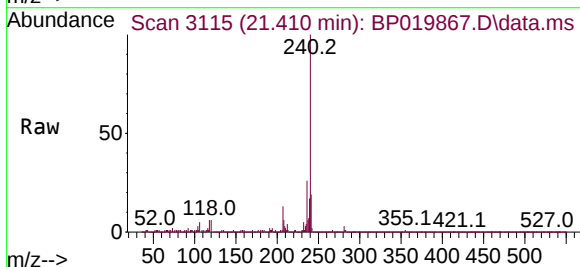
Tgt Ion:240 Resp: 424770

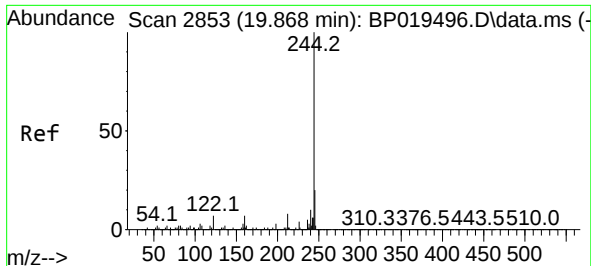
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 25.6 20.7 31.1



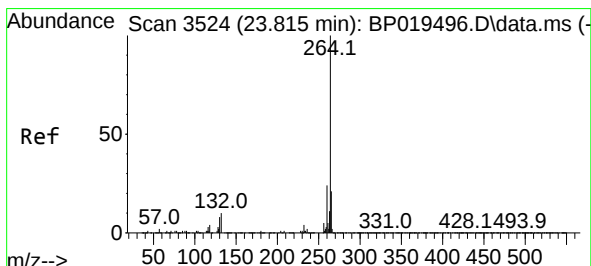
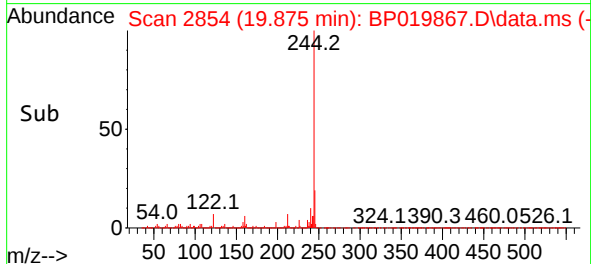
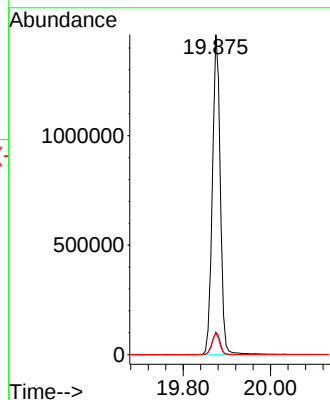
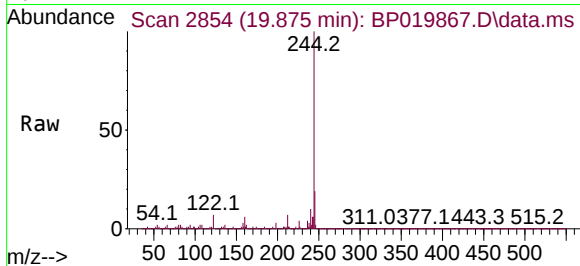


#79
 Terphenyl-d14
 Concen: 71.243 ng
 RT: 19.875 min Scan# 2853
 Delta R.T. -0.018 min
 Lab File: BP019867.D
 Acq: 24 Feb 2024 18:06

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-13

Tgt Ion:244 Resp: 1840133

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: 23.839 min Scan# 3528
 Delta R.T. -0.029 min
 Lab File: BP019867.D
 Acq: 24 Feb 2024 18:06

Tgt Ion:264 Resp: 528649

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.5	17.0	25.4

