

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
Data File : BP019872.D
Acq On : 24 Feb 2024 20:55
Operator : MA/JU
Sample : P1564-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-18

Quant Time: Feb 26 00:15:48 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	72097	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	260688	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	185240	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	455375	20.000	ng	0.00
76) Chrysene-d12	21.410	240	491282	20.000	ng	#-0.02
86) Perylene-d12	23.839	264	551563	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	360231	80.539	ng	0.00
7) Phenol-d6	7.075	99	466395	77.335	ng	0.00
23) Nitrobenzene-d5	9.069	82	331062	55.029	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	298104	110.220	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	801854	53.513	ng	0.00
79) Terphenyl-d14	19.874	244	1824896	61.088	ng	-0.02

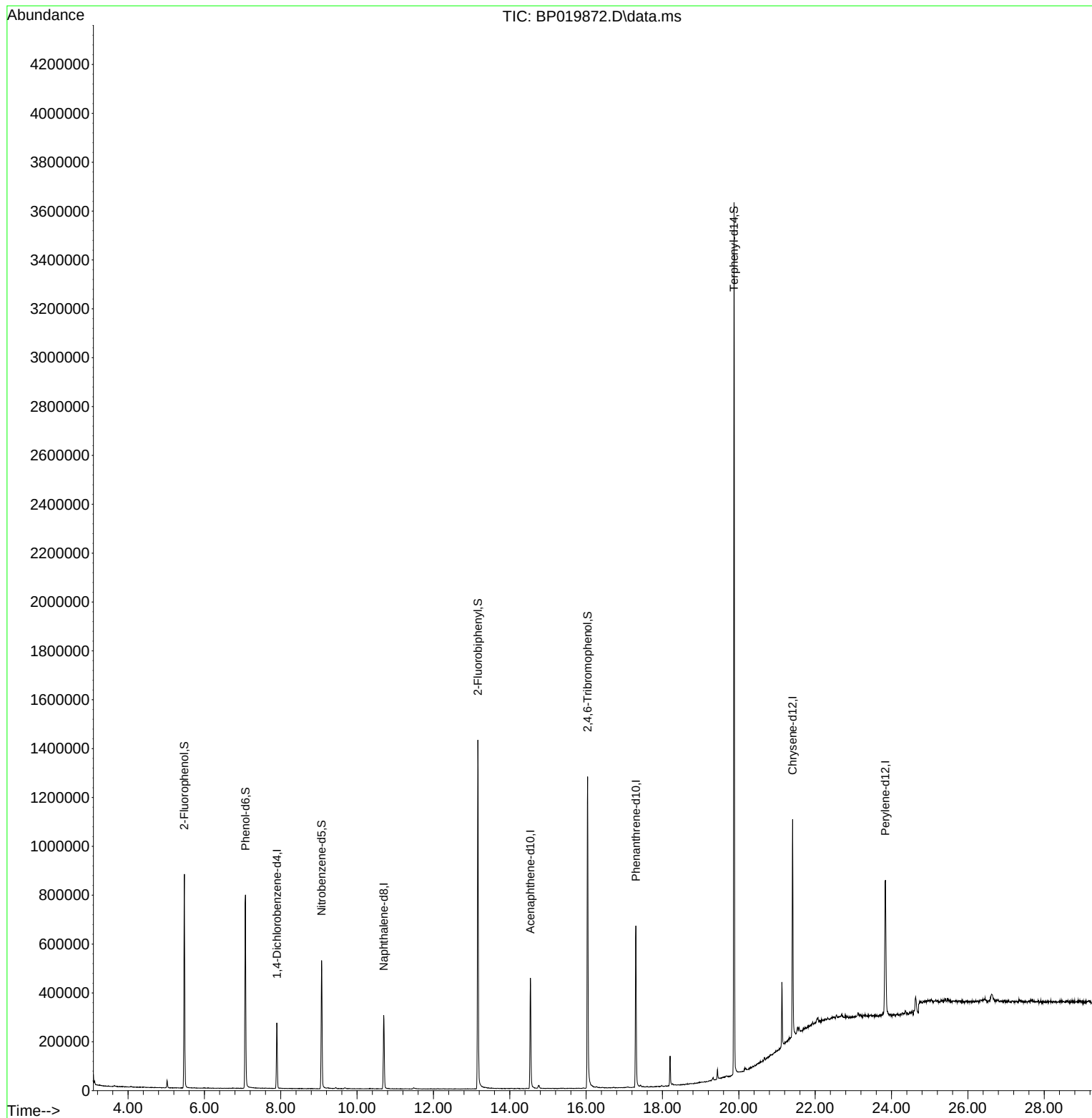
Target Compounds	Qvalue

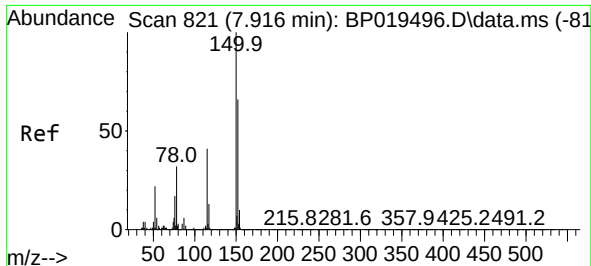
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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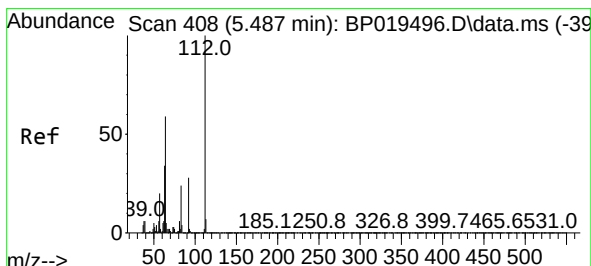
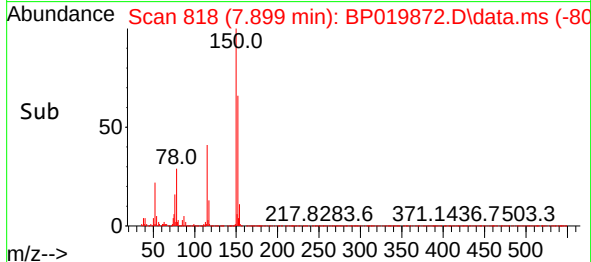
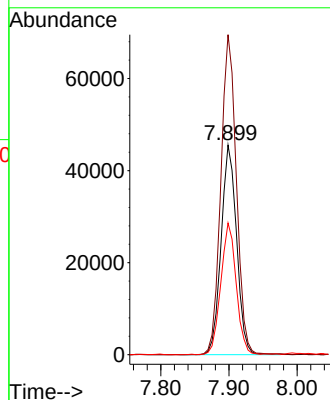
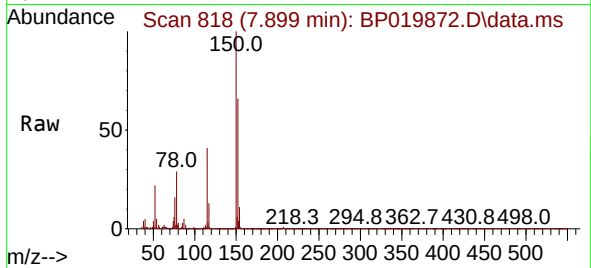




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

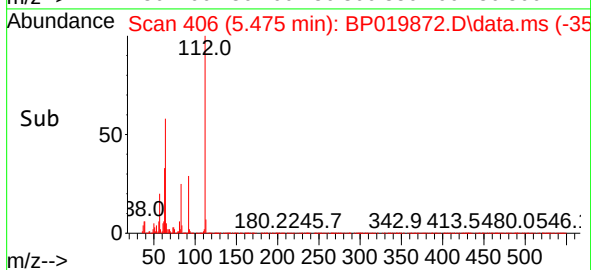
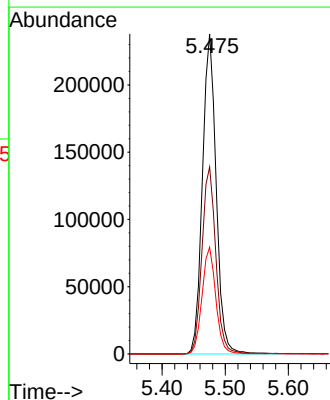
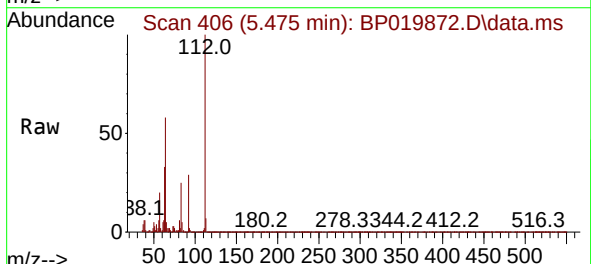
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-18

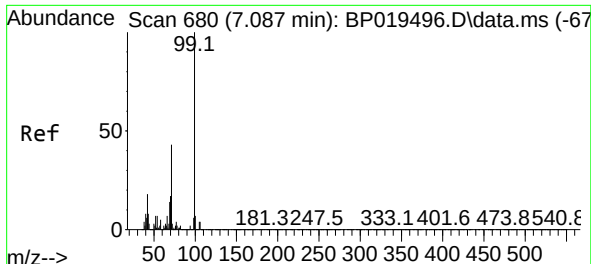
Tgt Ion:152 Resp: 72097
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 80.539 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

Tgt Ion:112 Resp: 360231
Ion Ratio Lower Upper
112 100
64 58.4 47.4 71.0
63 33.4 27.0 40.6

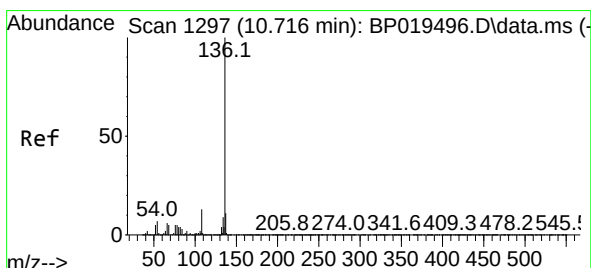
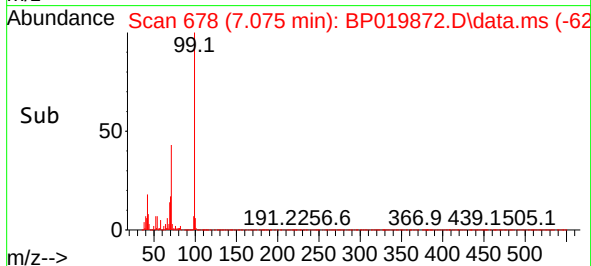
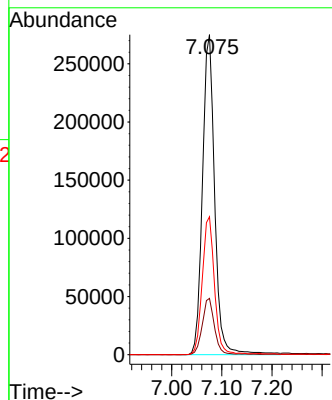
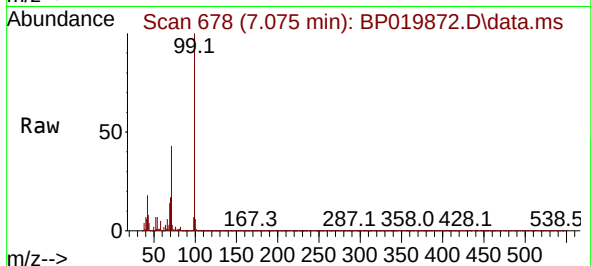




#7
Phenol-d6
Concen: 77.335 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

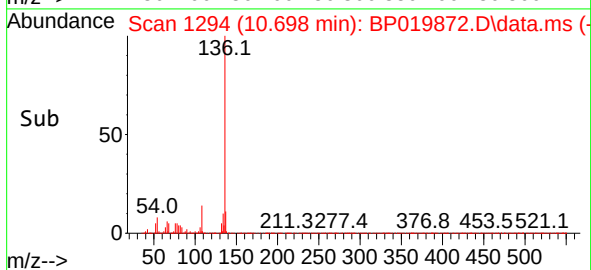
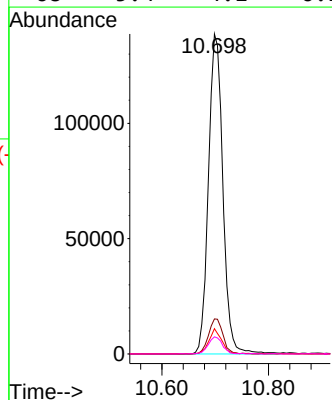
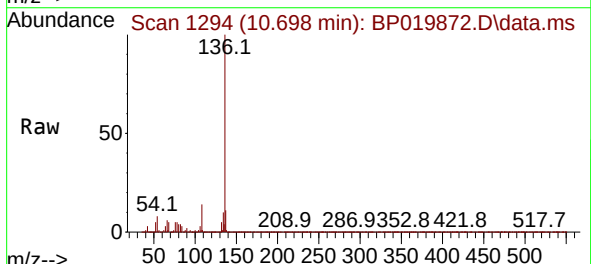
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-18

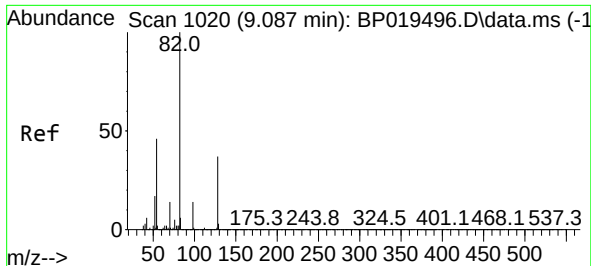
Tgt Ion:	99	Resp:	466395
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	43.1	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

Tgt Ion:	136	Resp:	260688
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	5.3	7.9
68	5.4	4.1	6.1

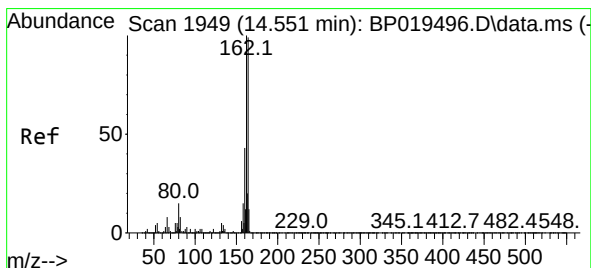
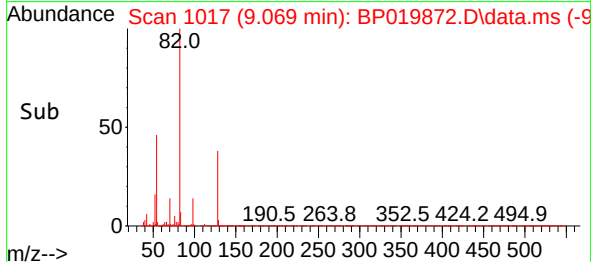
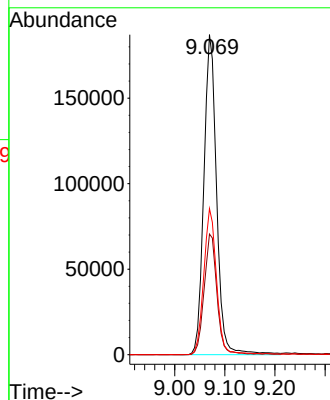
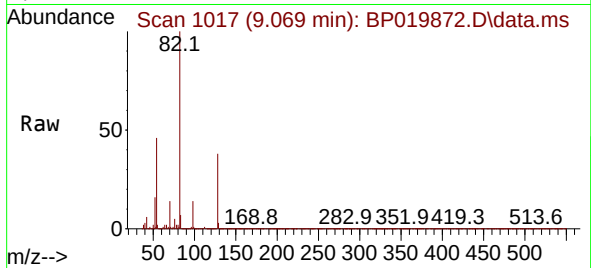




#23
Nitrobenzene-d5
Concen: 55.029 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

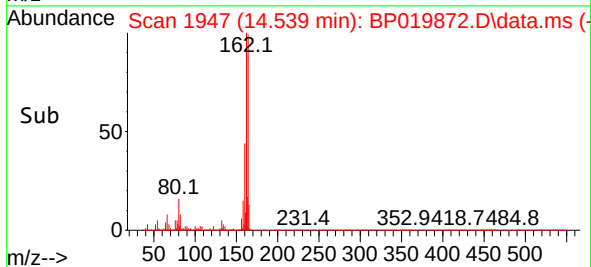
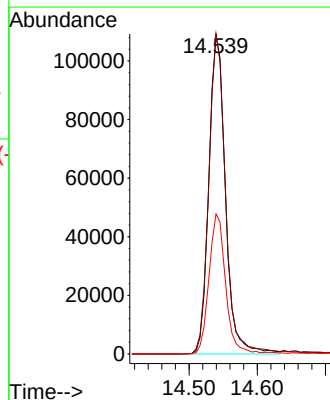
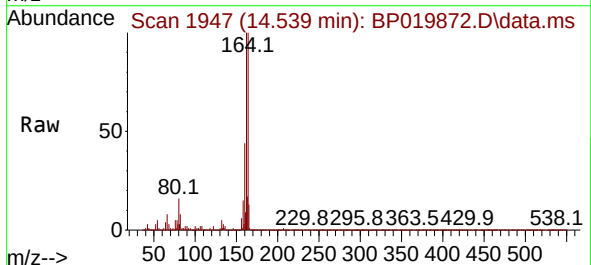
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-18

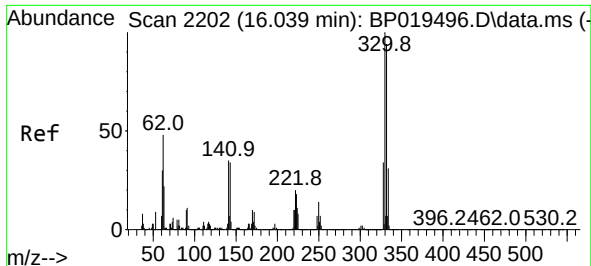
Tgt Ion: 82 Resp: 331062
Ion Ratio Lower Upper
82 100
128 37.7 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

Tgt Ion:164 Resp: 185240
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 44.0 35.1 52.7

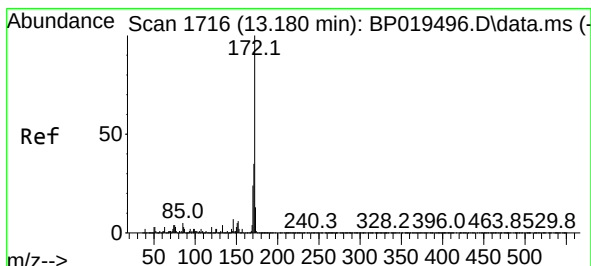
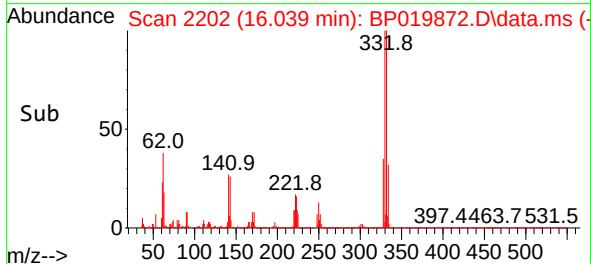
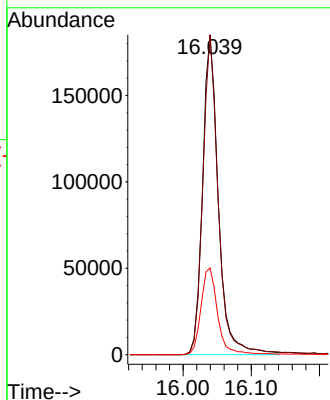
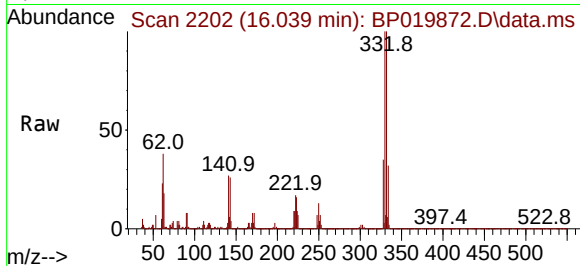




#42
2,4,6-Tribromophenol
Concen: 110.220 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

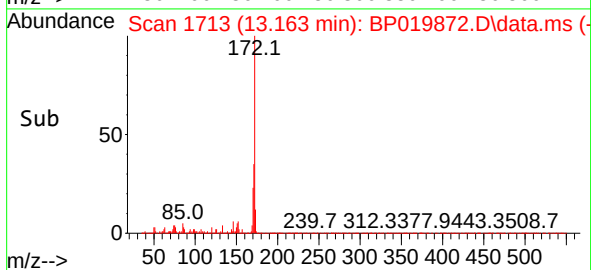
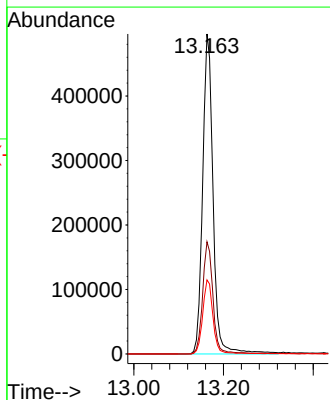
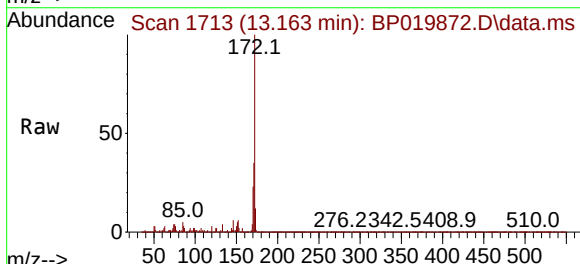
Instrument :
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ClientSampleId :
LKWD-BACKFILL-18

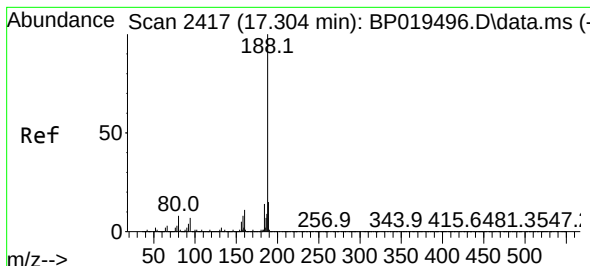
Tgt Ion:330 Resp: 298104
Ion Ratio Lower Upper
330 100
332 98.4 77.2 115.8
141 28.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 53.513 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

Tgt Ion:172 Resp: 801854
Ion Ratio Lower Upper
172 100
171 35.0 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: BP019872.D

Acq: 24 Feb 2024 20:55

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-18

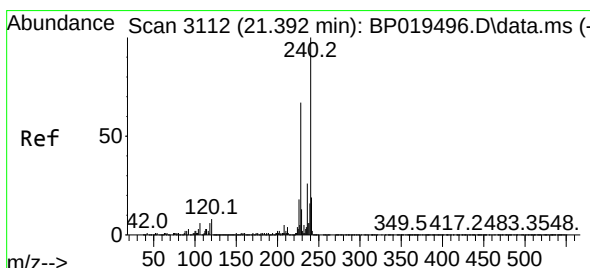
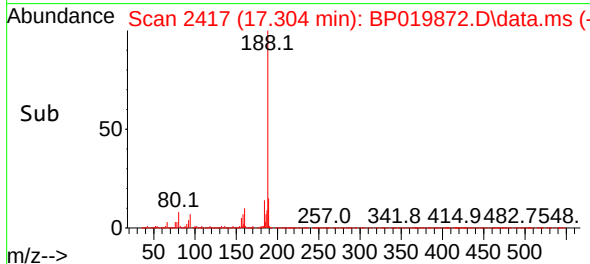
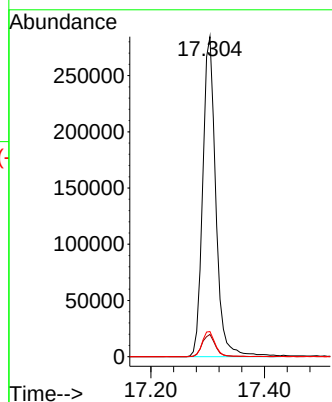
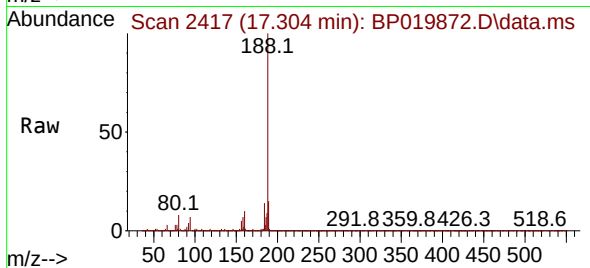
Tgt Ion:188 Resp: 455375

Ion Ratio Lower Upper

188 100

94 7.0 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: BP019872.D

Acq: 24 Feb 2024 20:55

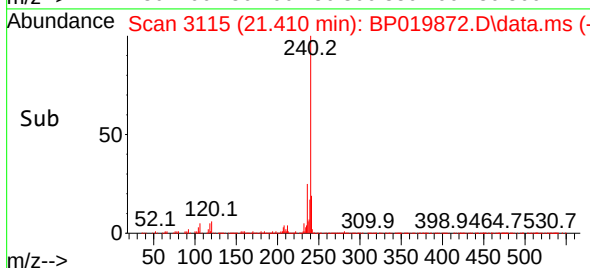
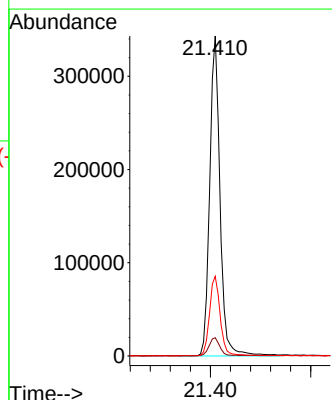
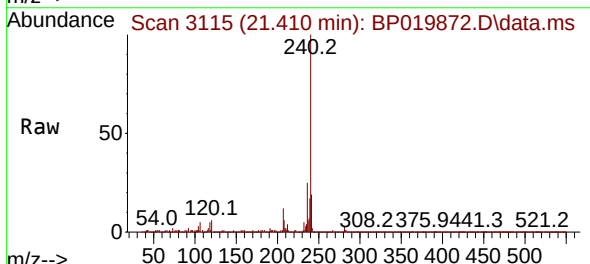
Tgt Ion:240 Resp: 491282

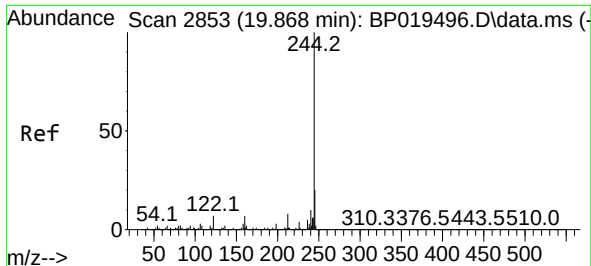
Ion Ratio Lower Upper

240 100

120 5.7 6.1 9.1#

236 24.9 20.7 31.1

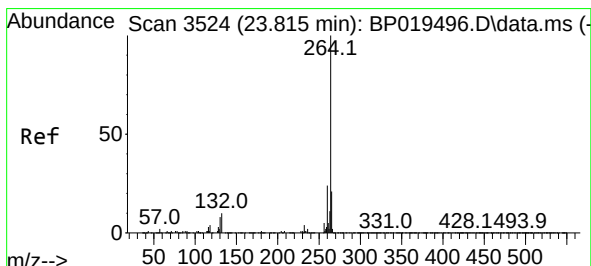
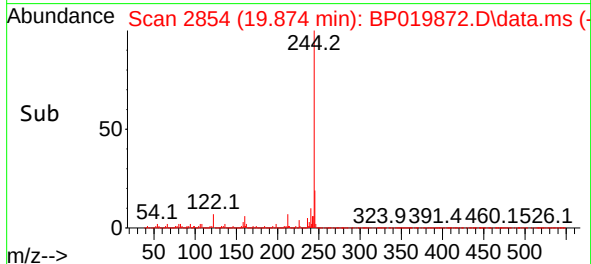
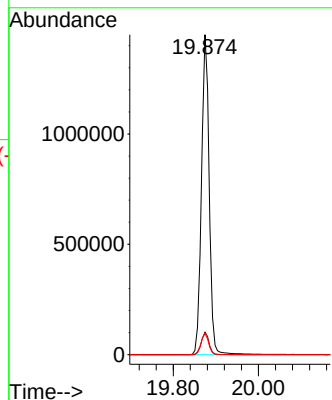
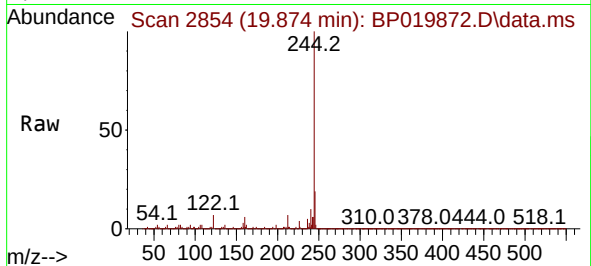




#79
Terphenyl-d14
Concen: 61.088 ng
RT: 19.874 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP019872.D
Acq: 24 Feb 2024 20:55

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-18

Tgt Ion:244 Resp: 1824896
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 6.6 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: BP019872.D
Acq: 24 Feb 2024 20:55

Tgt Ion:264 Resp: 551563
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.0 25.4

