

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019893.D
 Acq On : 27 Feb 2024 13:11
 Operator : MA/JU
 Sample : P1564-15RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-16

Quant Time: Feb 27 13:48:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	84063	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	317641	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	229616	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	480227	20.000	ng	0.00
76) Chrysene-d12	21.398	240	376419	20.000	ng	-0.01
86) Perylene-d12	23.821	264	408793	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	312297	60.977	ng	0.00
7) Phenol-d6	7.069	99	507360	66.537	ng	0.00
23) Nitrobenzene-d5	9.069	82	306437	38.947	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	249386	63.342	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	767930	45.187	ng	0.00
79) Terphenyl-d14	19.869	244	1166930	48.862	ng	-0.01

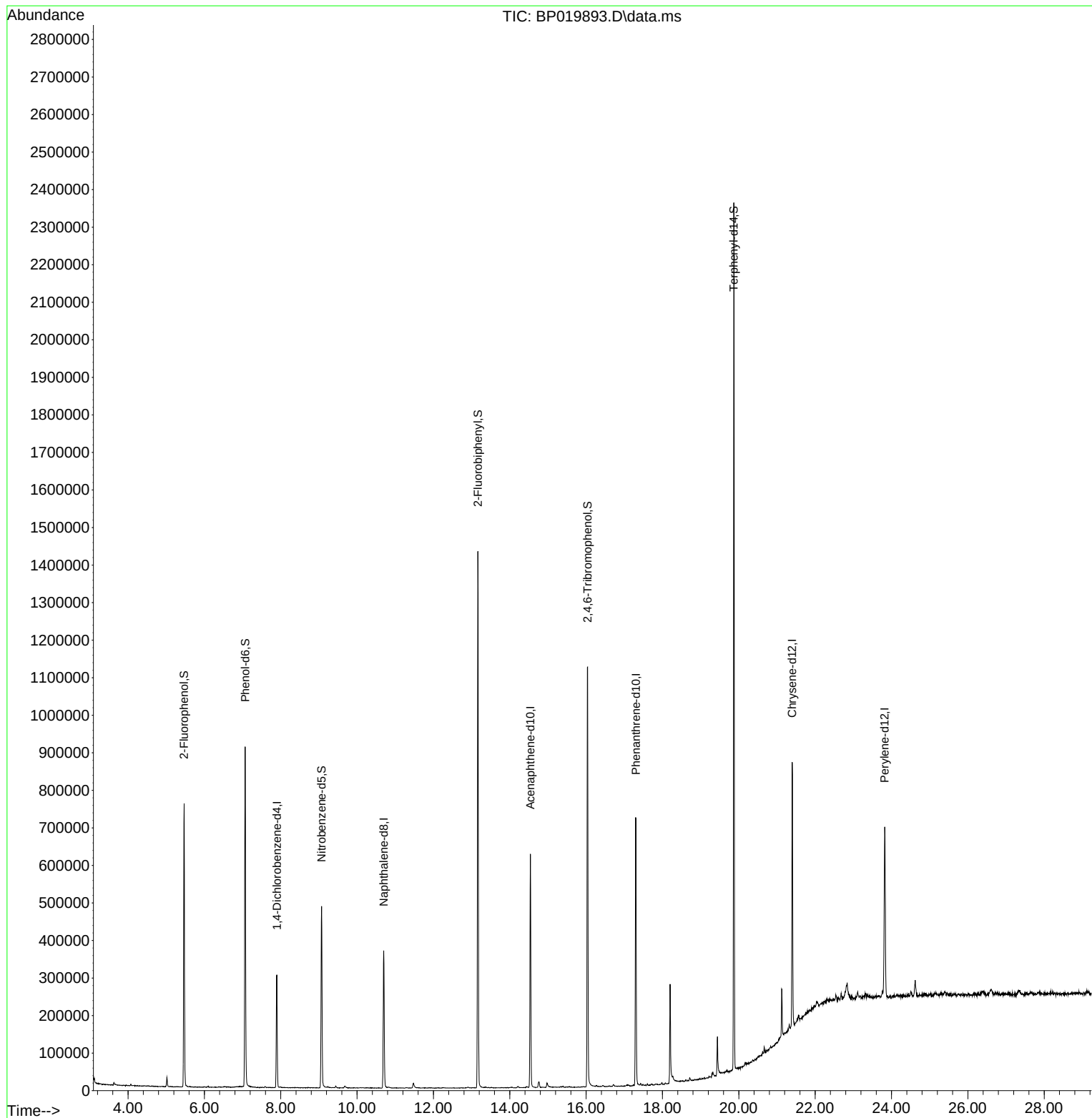
Target Compounds	Qvalue

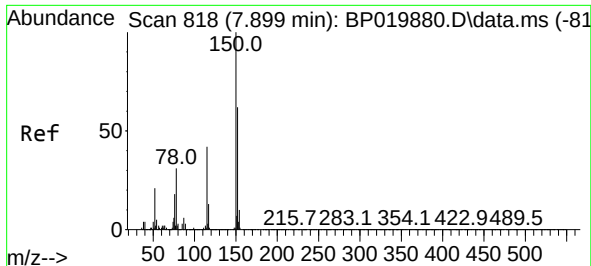
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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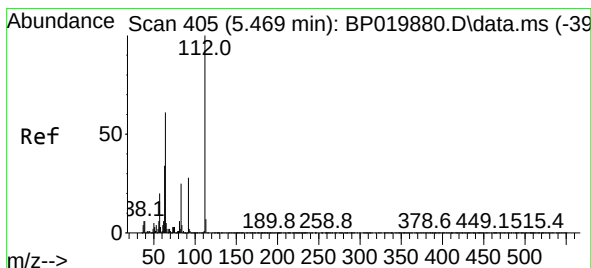
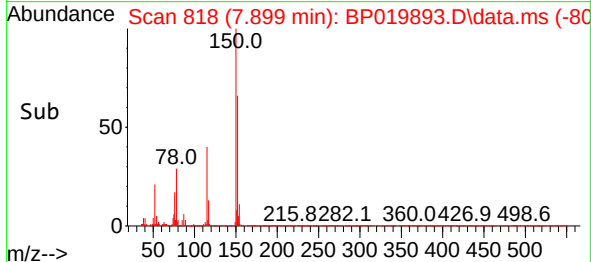
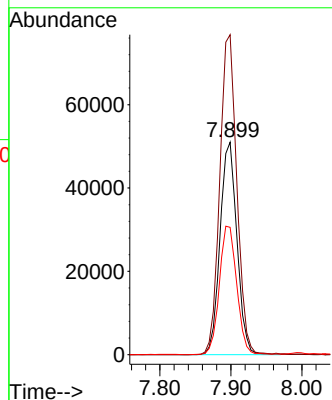
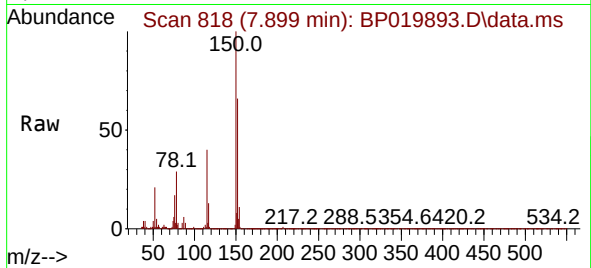




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

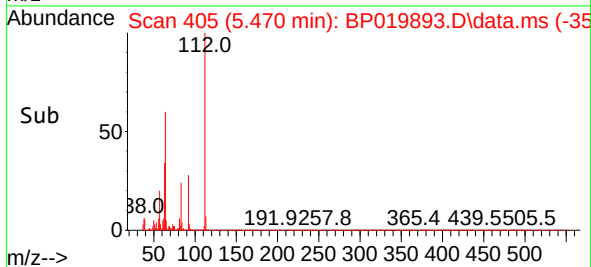
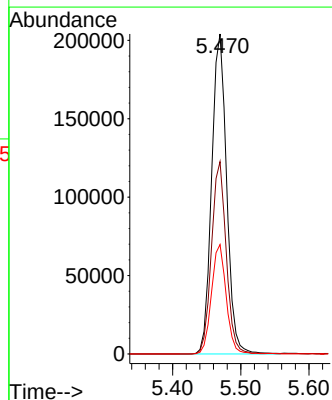
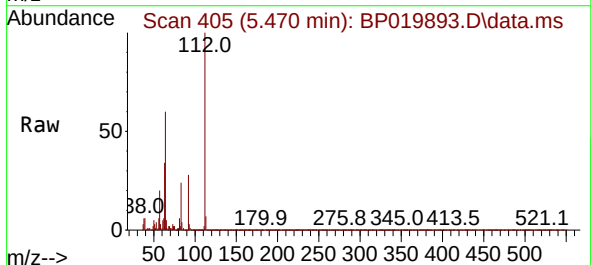
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-16

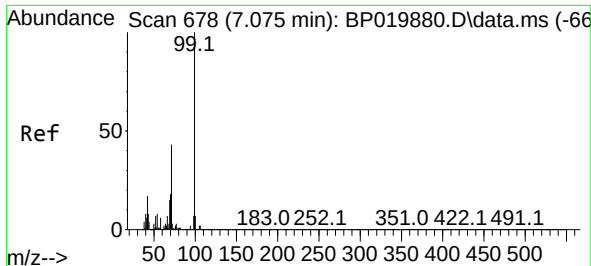
Tgt Ion:152 Resp: 84063
Ion Ratio Lower Upper
152 100
150 150.6 128.6 192.8
115 60.0 53.4 80.2



#5
2-Fluorophenol
Concen: 60.977 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

Tgt Ion:112 Resp: 312297
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.6
63 34.2 27.6 41.4

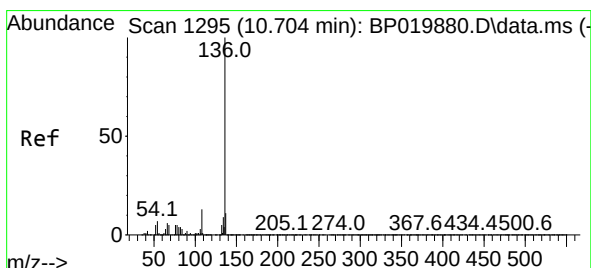
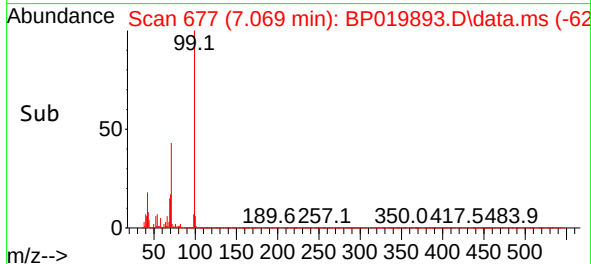
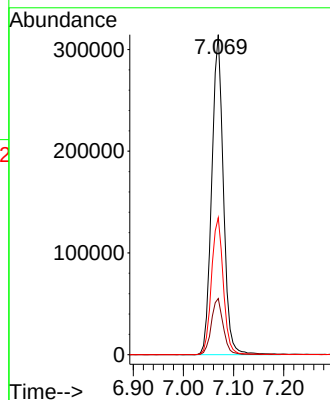
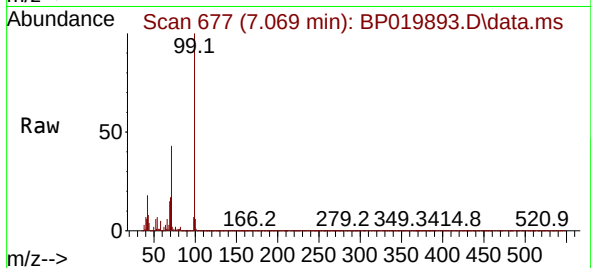




#7
Phenol-d6
Concen: 66.537 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

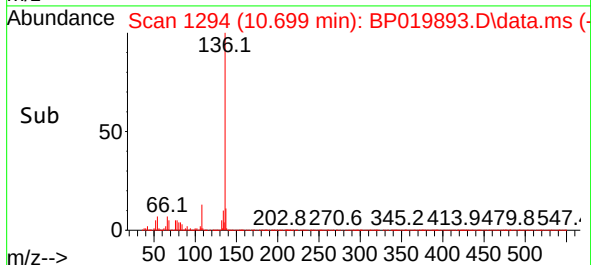
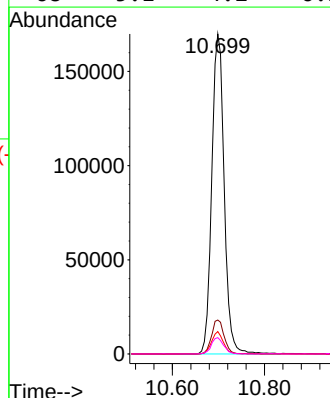
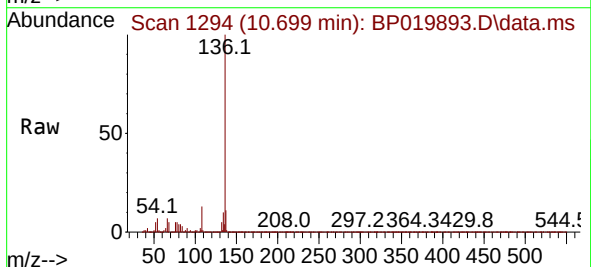
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-16

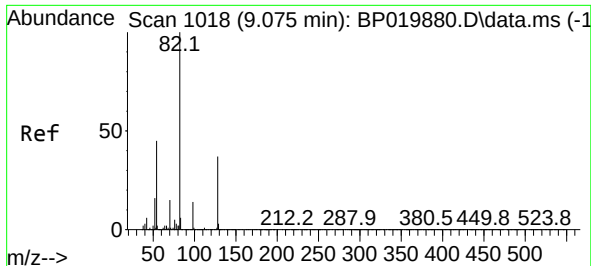
Tgt Ion:	99	Resp:	507360
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.8
71	42.8	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

Tgt Ion:	136	Resp:	317641
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	6.0	9.0
68	5.1	4.2	6.2

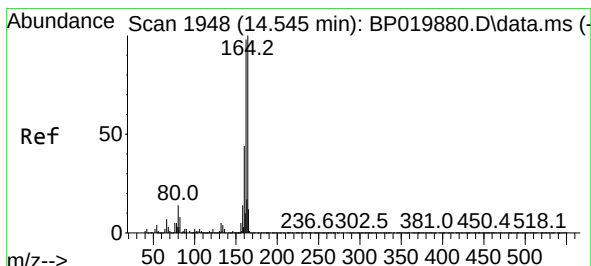
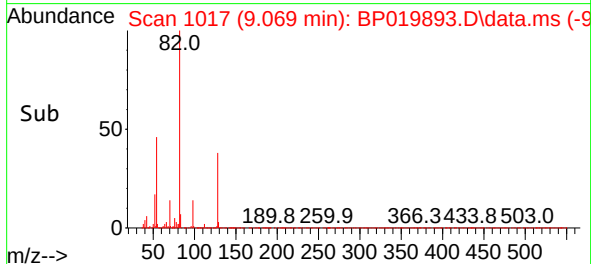
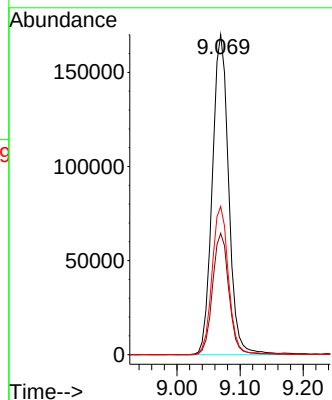
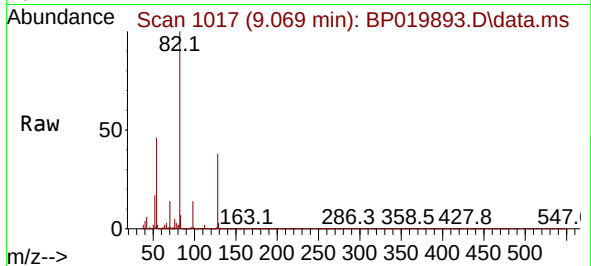




#23
Nitrobenzene-d5
Concen: 38.947 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

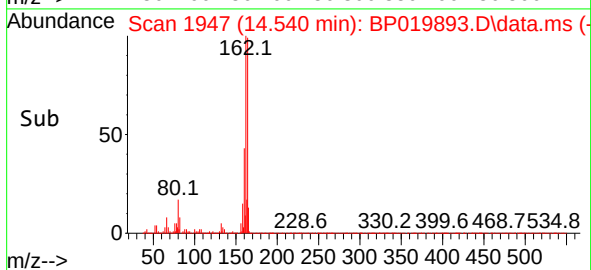
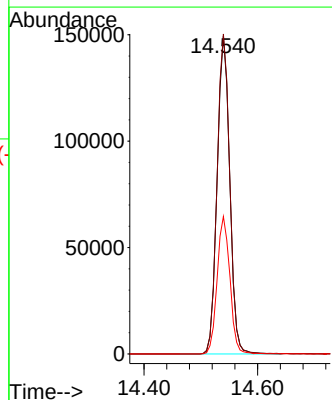
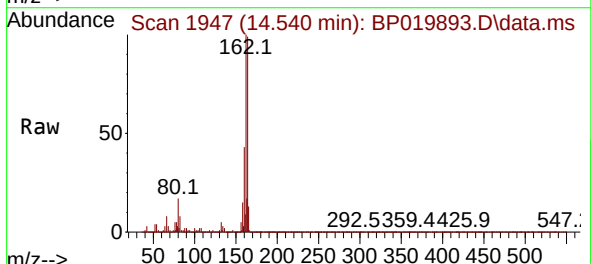
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-16

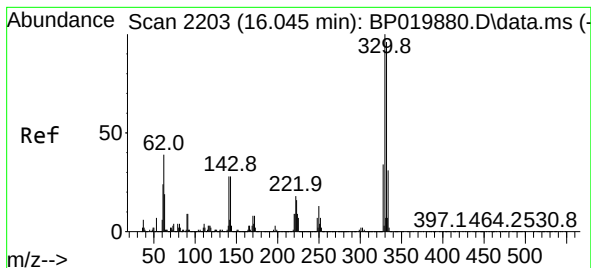
Tgt Ion: 82 Resp: 306437
Ion Ratio Lower Upper
82 100
128 37.9 29.6 44.4
54 46.3 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019893.D
Acq: 27 Feb 2024 13:11

Tgt Ion:164 Resp: 229616
Ion Ratio Lower Upper
164 100
162 100.6 78.1 117.1
160 43.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 63.342 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-16

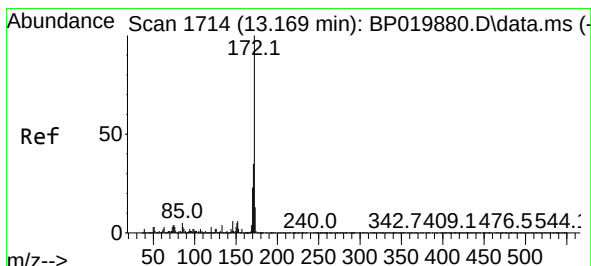
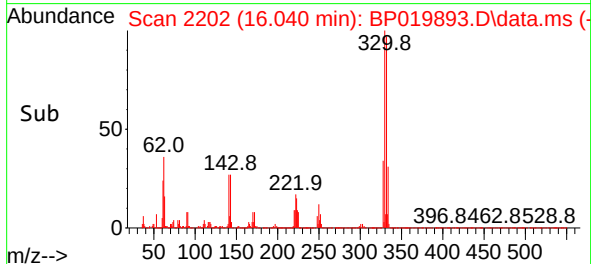
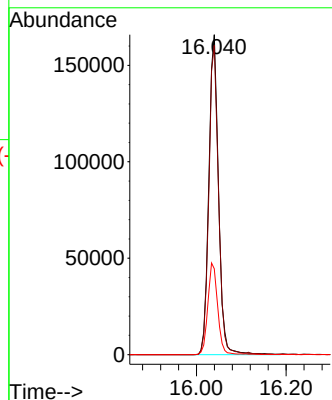
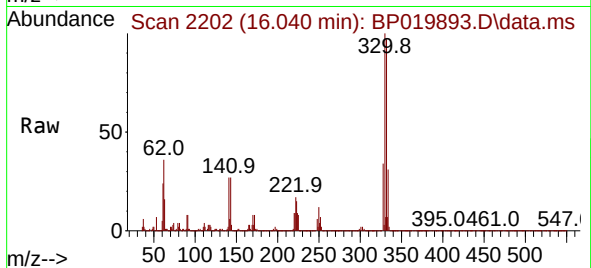
Tgt Ion:330 Resp: 249386

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 28.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 45.187 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

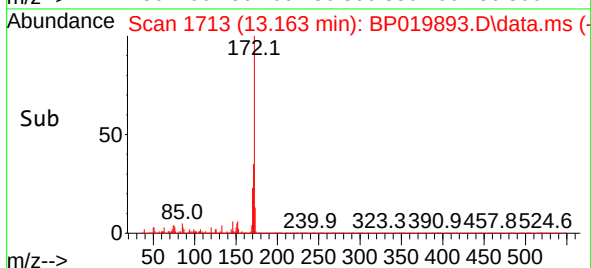
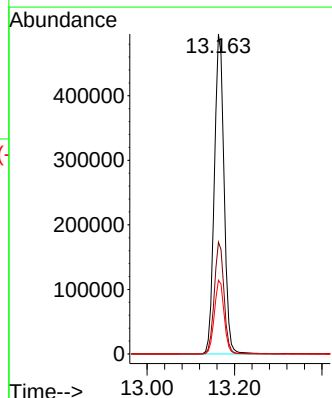
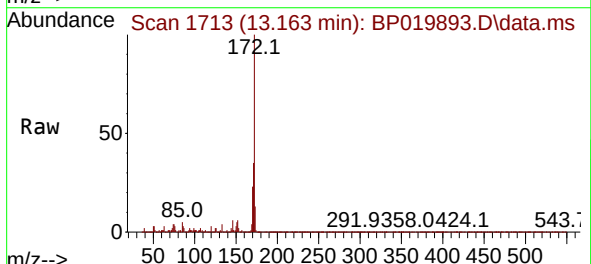
Tgt Ion:172 Resp: 767930

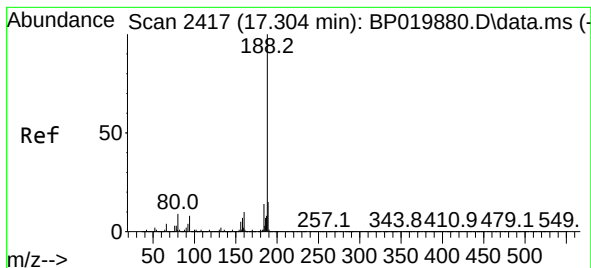
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-16

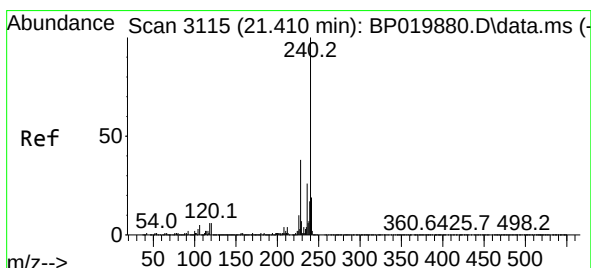
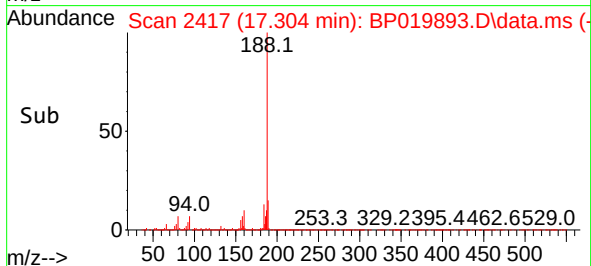
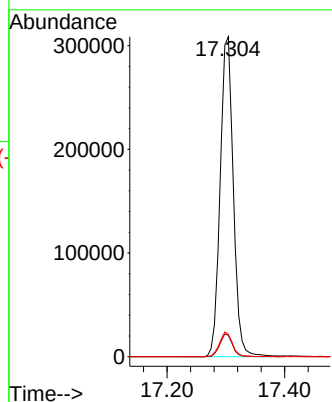
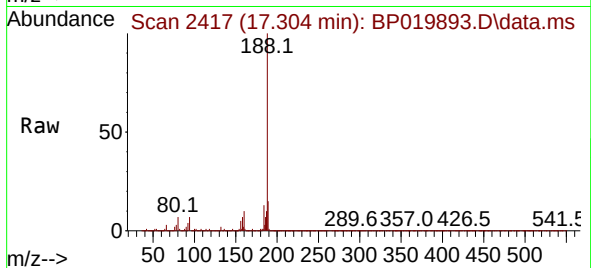
Tgt Ion:188 Resp: 480227

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

80 7.0 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

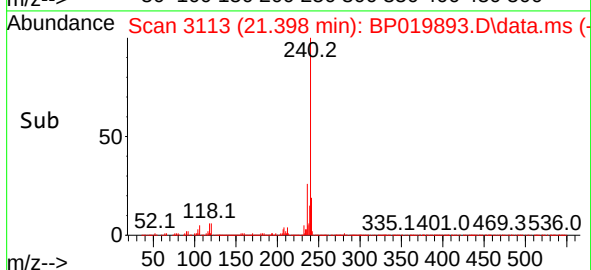
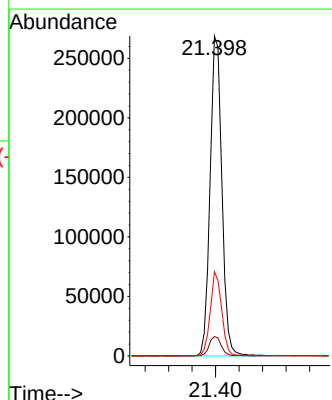
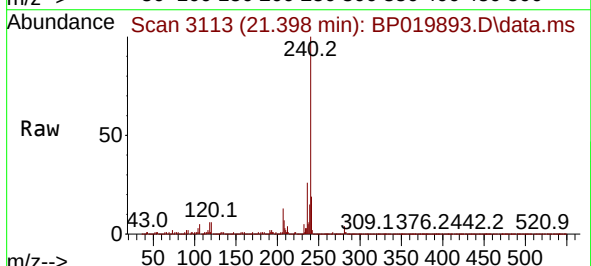
Tgt Ion:240 Resp: 376419

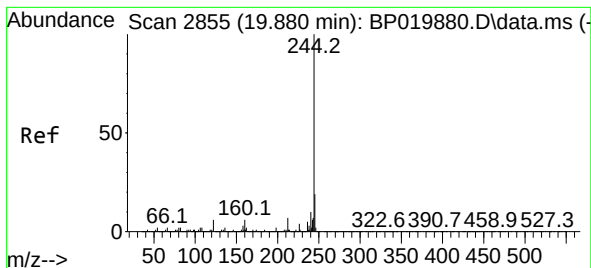
Ion Ratio Lower Upper

240 100

120 6.0 5.1 7.7

236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 48.862 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-16

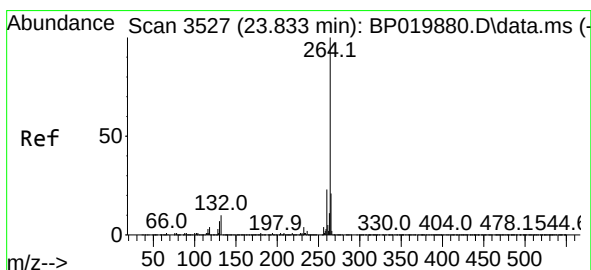
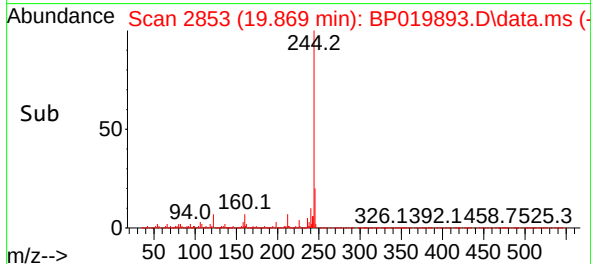
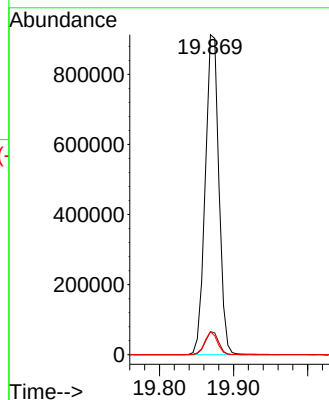
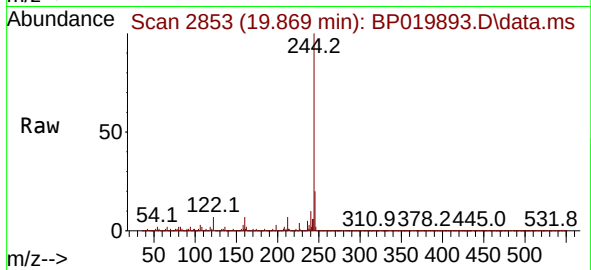
Tgt Ion:244 Resp: 1166930

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 7.2 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BP019893.D

Acq: 27 Feb 2024 13:11

Tgt Ion:264 Resp: 408793

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.6 17.4 26.2

