

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019740.D
 Acq On : 16 Feb 2024 12:17
 Operator : MA/JU
 Sample : PB158970BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158970BL

Quant Time: Feb 16 12:46:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	72433	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	259927	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	158588	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	352309	20.000	ng	0.00
76) Chrysene-d12	21.392	240	333521	20.000	ng	0.00
86) Perylene-d12	23.821	264	425859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	541023	120.399	ng	-0.01
7) Phenol-d6	7.075	99	658996	108.763	ng	-0.01
23) Nitrobenzene-d5	9.075	82	461029	76.856	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	332008	143.385	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1023959	79.820	ng	-0.01
79) Terphenyl-d14	19.869	244	1736395	85.619	ng	0.00

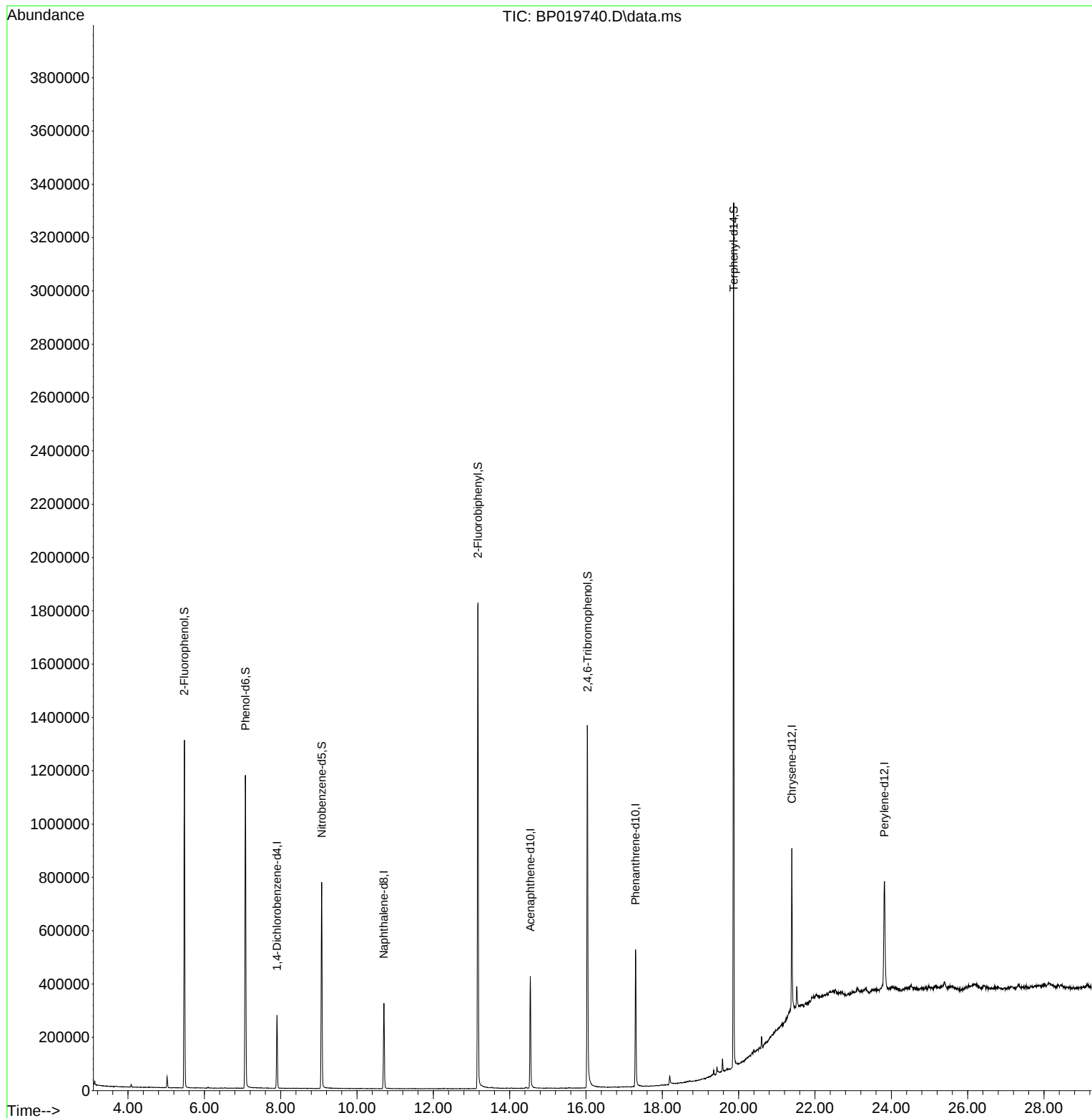
Target Compounds	Qvalue

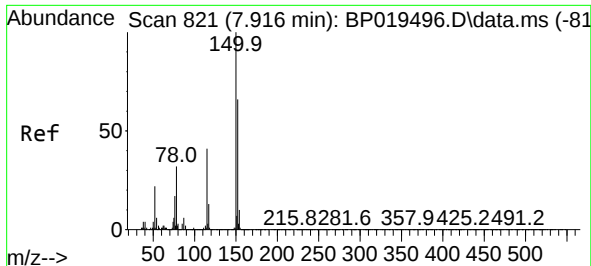
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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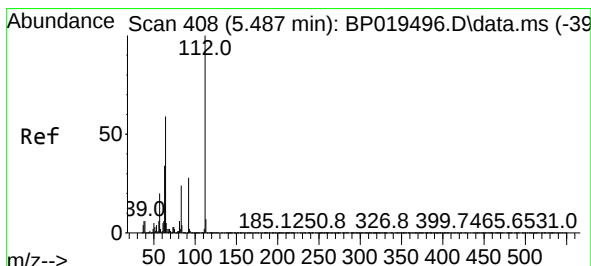
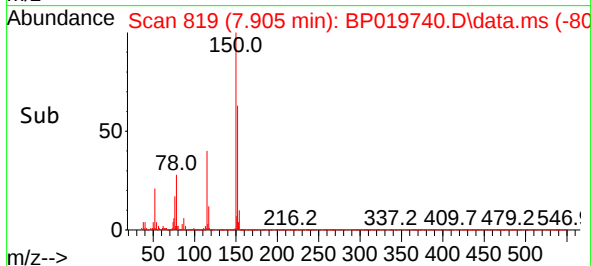
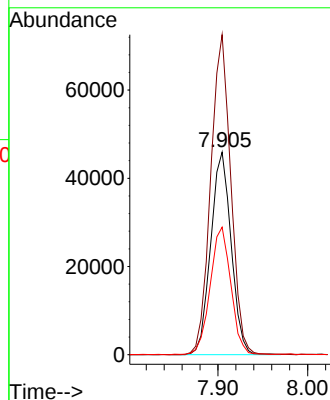
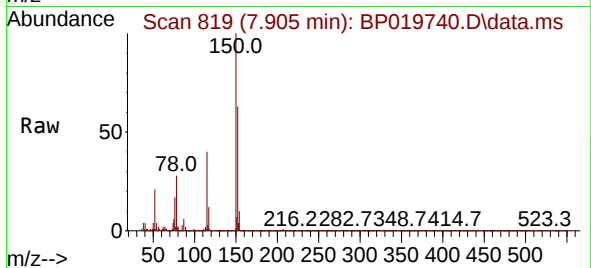




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

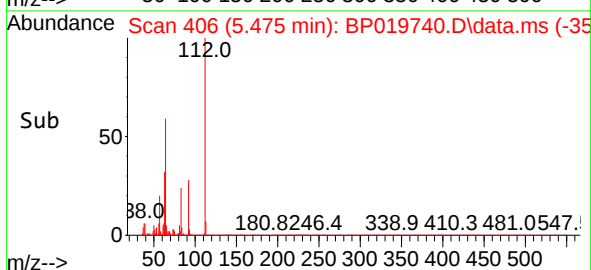
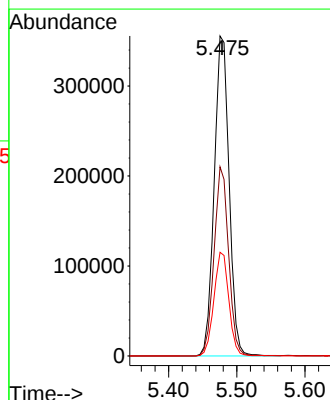
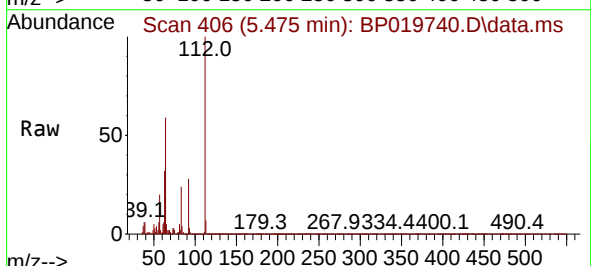
Instrument :
BNA_P
ClientSampleId :
PB158970BL

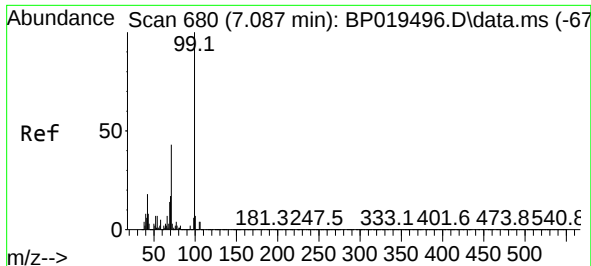
Tgt Ion:152 Resp: 72433
Ion Ratio Lower Upper
152 100
150 157.9 121.8 182.8
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 120.399 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

Tgt Ion:112 Resp: 541023
Ion Ratio Lower Upper
112 100
64 59.1 47.4 71.0
63 32.4 27.0 40.6

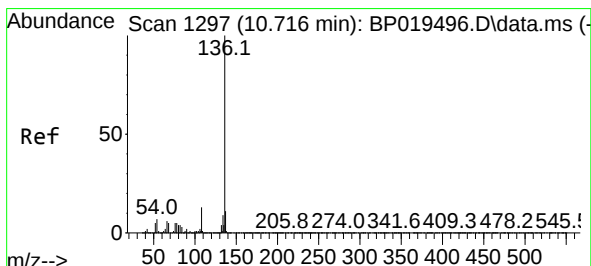
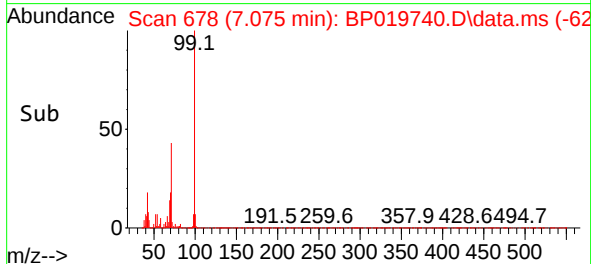
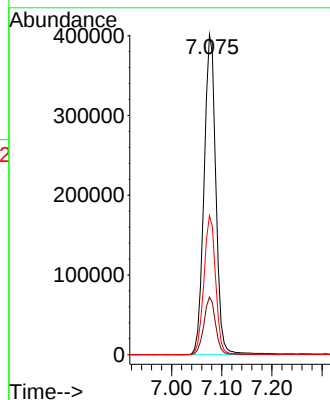
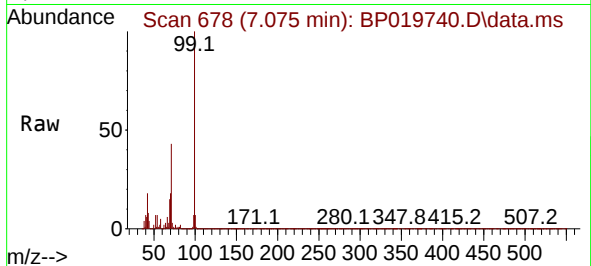




#7
Phenol-d6
Concen: 108.763 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

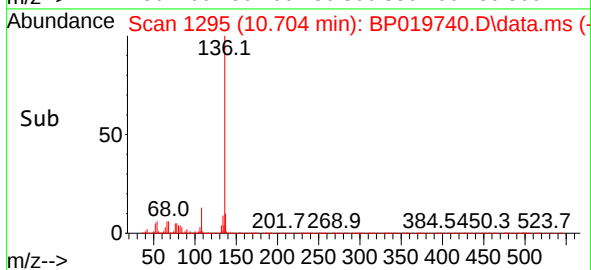
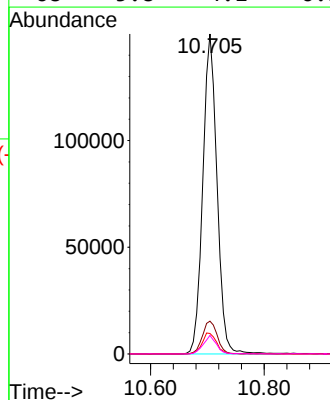
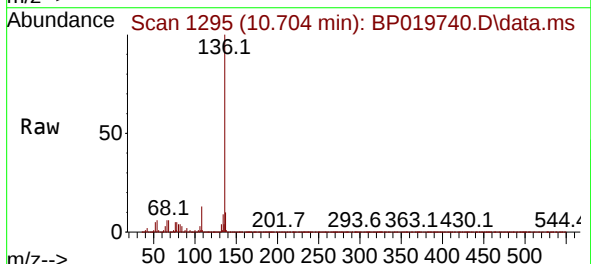
Instrument :
BNA_P
ClientSampleId :
PB158970BL

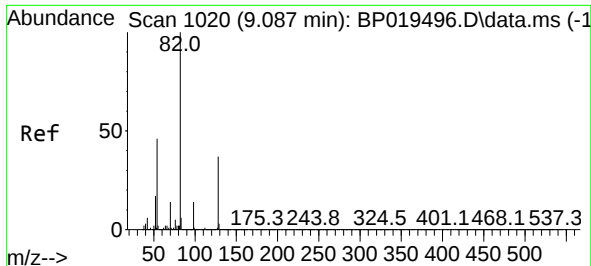
Tgt Ion: 99 Resp: 658996
Ion Ratio Lower Upper
99 100
42 18.0 14.7 22.1
71 43.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

Tgt Ion: 136 Resp: 259927
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 6.4 5.3 7.9
68 5.8 4.1 6.1

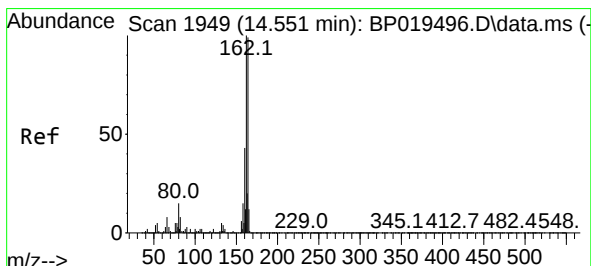
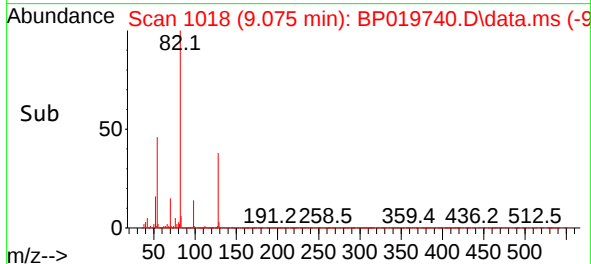
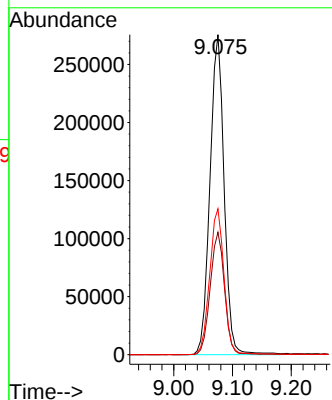
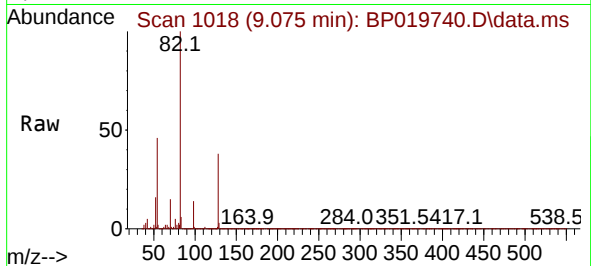




#23
Nitrobenzene-d5
Concen: 76.856 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

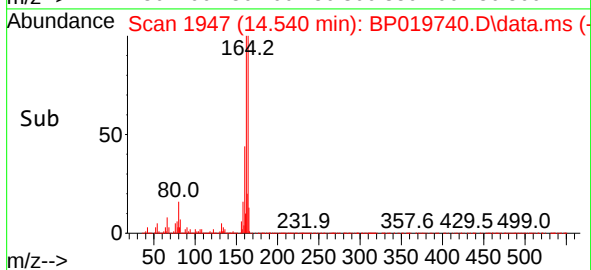
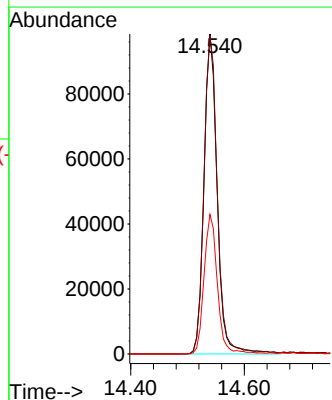
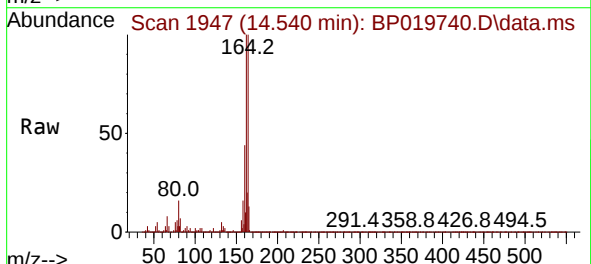
Instrument :
BNA_P
ClientSampleId :
PB158970BL

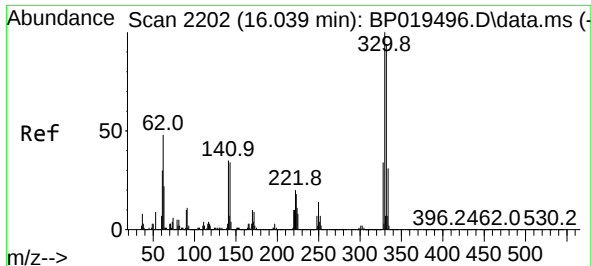
Tgt Ion: 82 Resp: 461029
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 45.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

Tgt Ion: 164 Resp: 158588
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.6 35.1 52.7

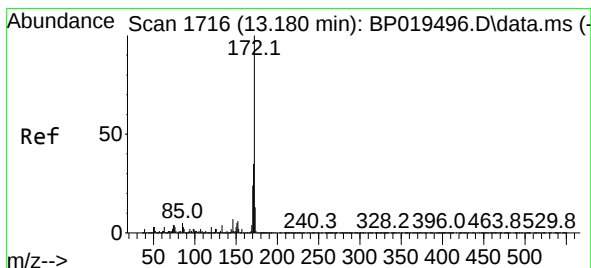
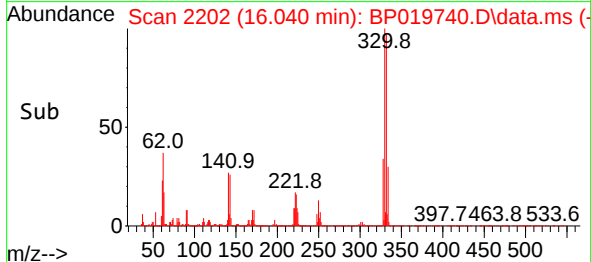
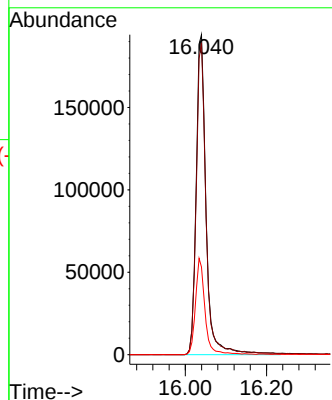
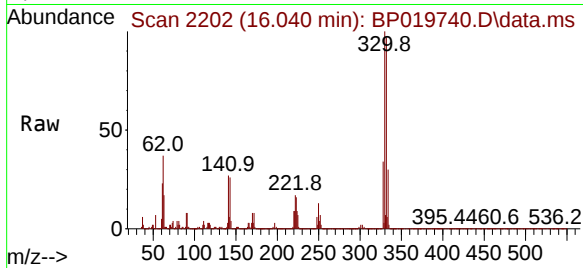




#42
2,4,6-Tribromophenol
Concen: 143.385 ng
RT: 16.040 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

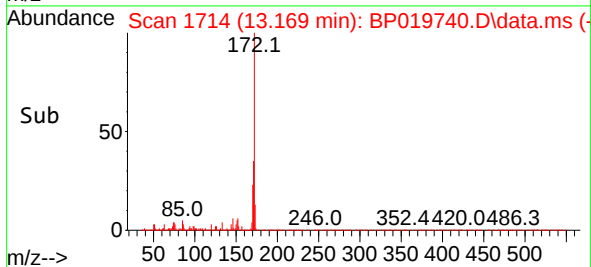
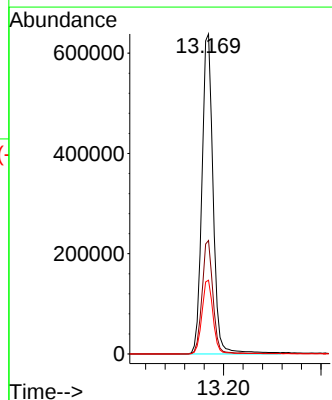
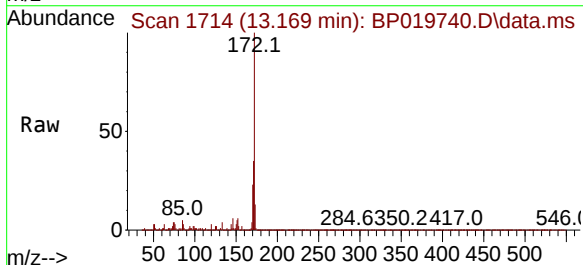
Instrument :
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ClientSampleId :
PB158970BL

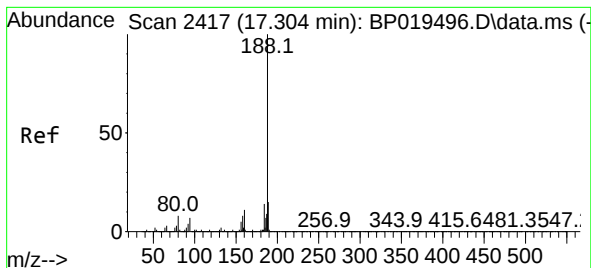
Tgt Ion:330 Resp: 332008
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 28.8 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 79.820 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019740.D
Acq: 16 Feb 2024 12:17

Tgt Ion:172 Resp: 1023959
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019740.D

Acq: 16 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB158970BL

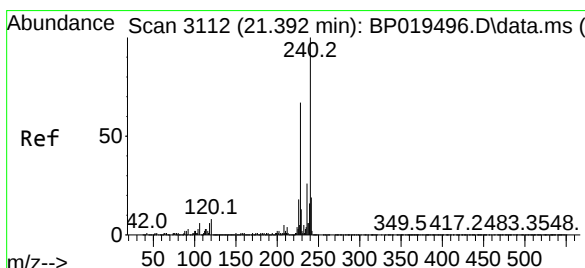
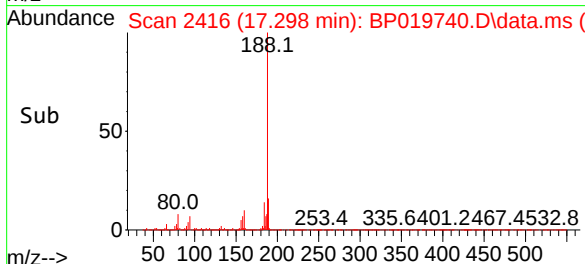
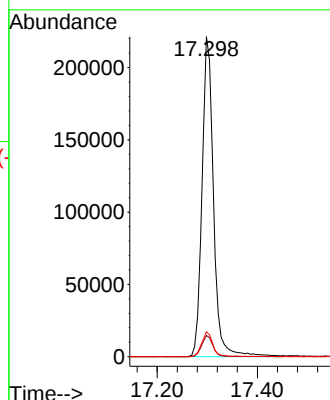
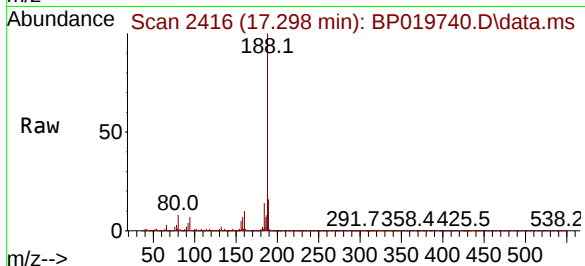
Tgt Ion:188 Resp: 352309

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.7 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019740.D

Acq: 16 Feb 2024 12:17

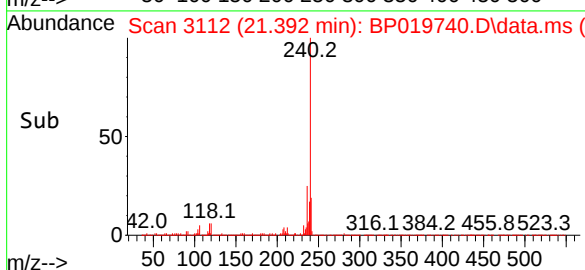
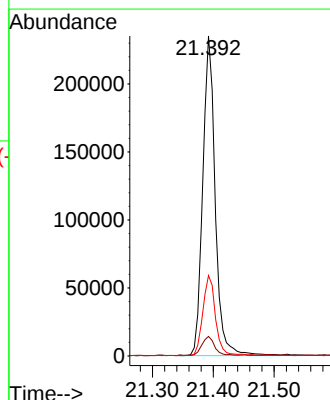
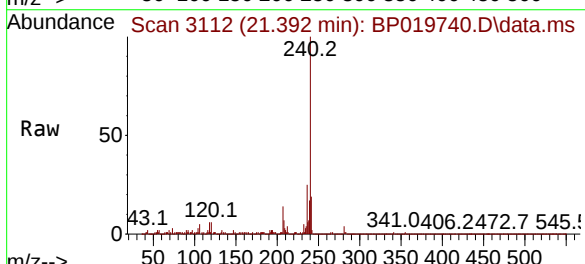
Tgt Ion:240 Resp: 333521

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 85.619 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019740.D

Acq: 16 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB158970BL

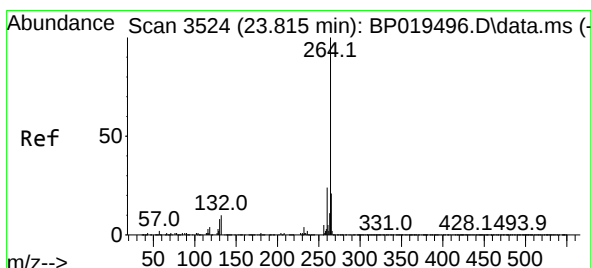
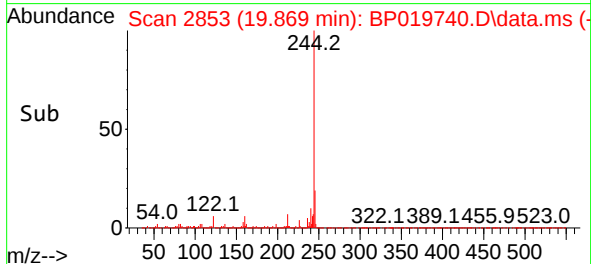
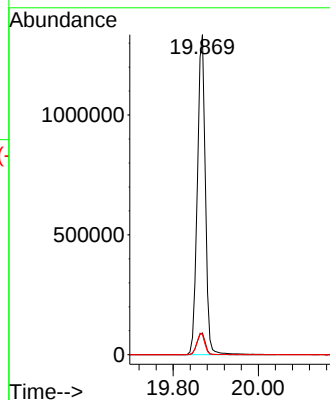
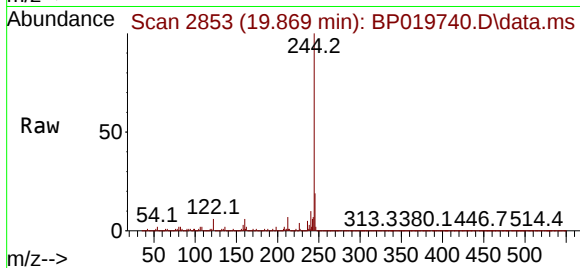
Tgt Ion:244 Resp: 1736395

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. 0.006 min

Lab File: BP019740.D

Acq: 16 Feb 2024 12:17

Tgt Ion:264 Resp: 425859

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.0 25.4

