

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019743.D
 Acq On : 16 Feb 2024 14:09
 Operator : MA/JU
 Sample : P1414-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB020724

Quant Time: Feb 16 14:39:21 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	7.899	152	62772	20.000	ng	-0.02
21) Naphthalene-d8	10.704	136	234720	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	167007	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	416517	20.000	ng	0.00
76) Chrysene-d12	21.392	240	434972	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	484745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	75583	19.409	ng	-0.01
7) Phenol-d6	7.075	99	72102	13.732	ng	-0.01
23) Nitrobenzene-d5	9.075	82	462594	85.399	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	208322	85.433	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1164126	86.172	ng	-0.01
79) Terphenyl-d14	19.863	244	2656710	100.445	ng	0.00

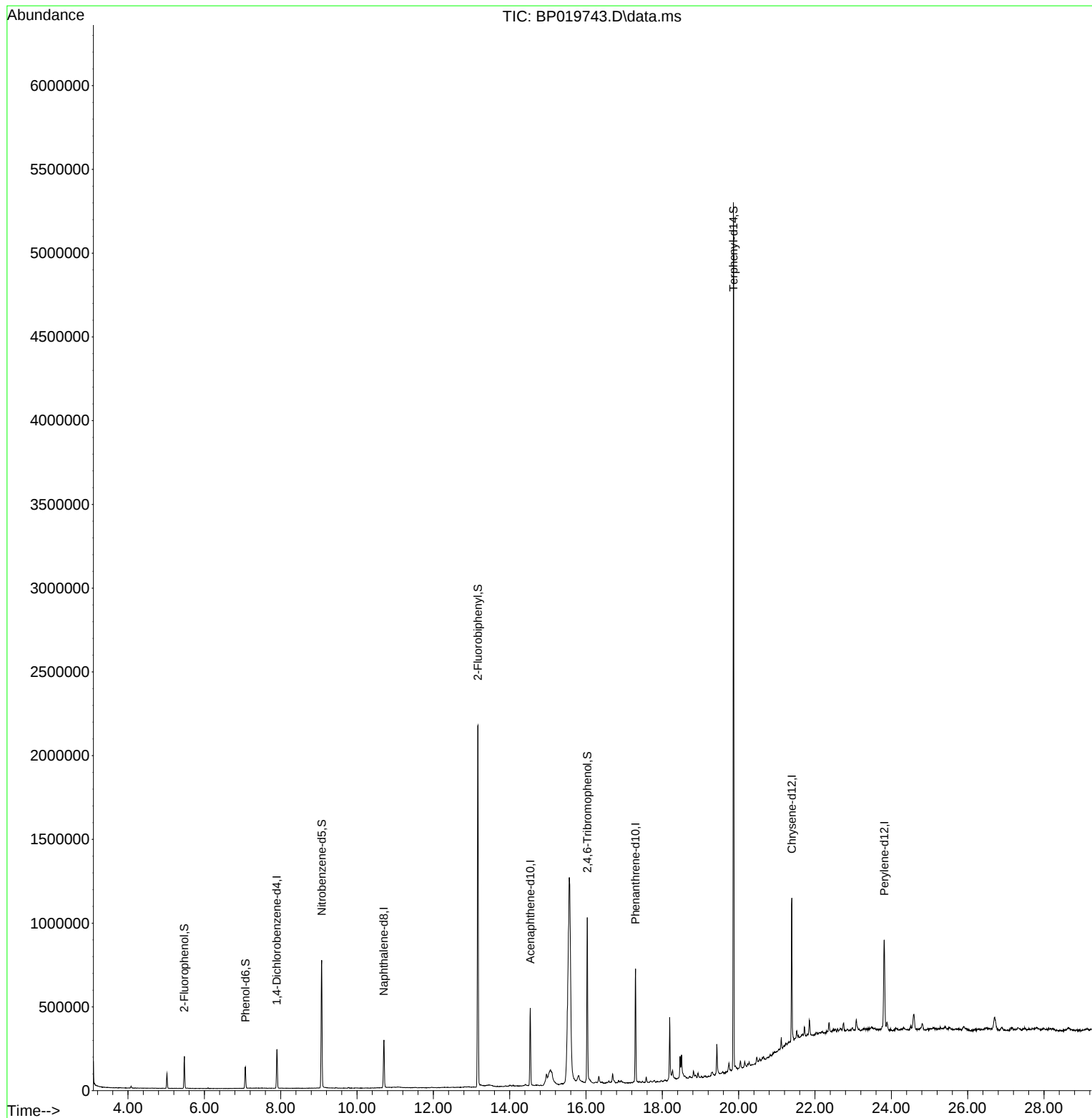
Target Compounds	Qvalue

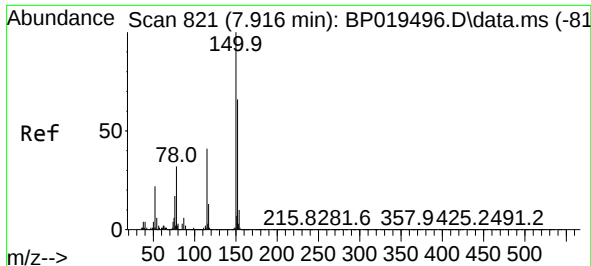
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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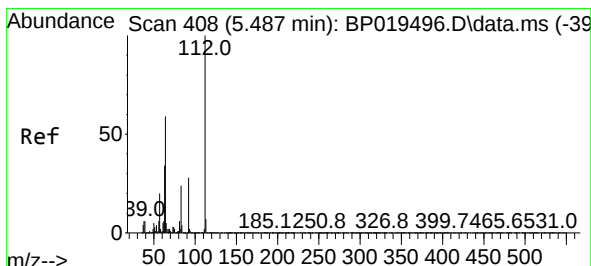
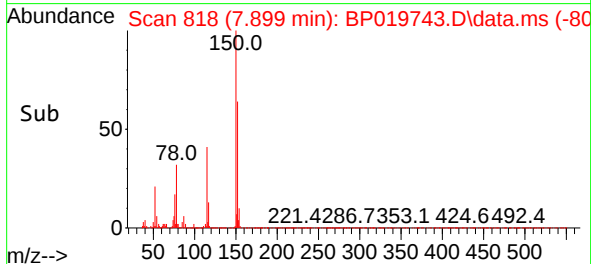
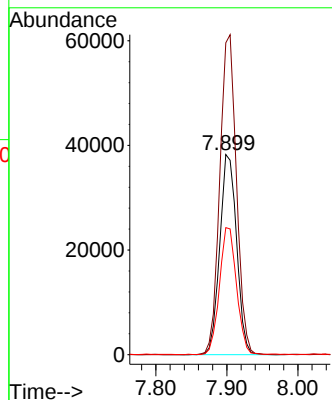
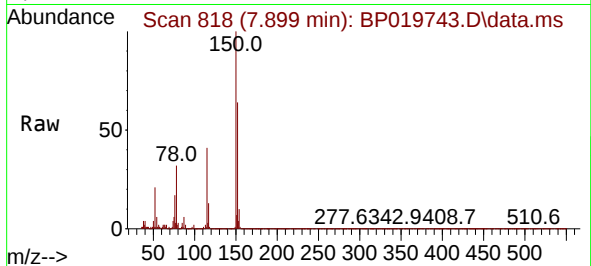




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019743.D
Acq: 16 Feb 2024 14:09

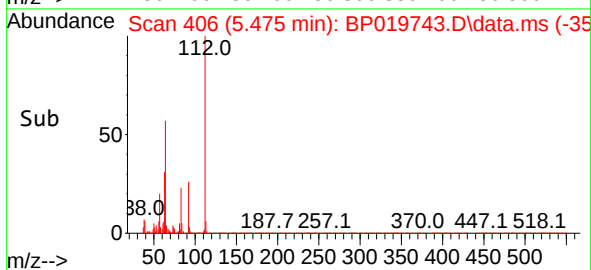
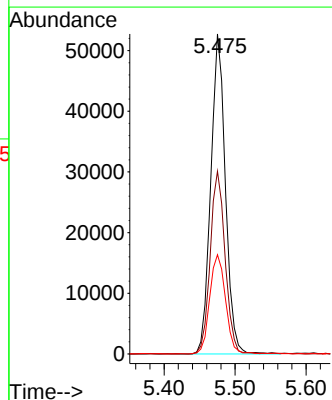
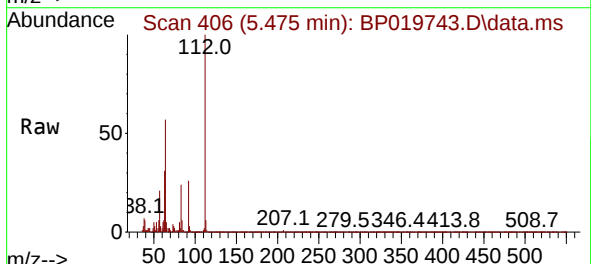
Instrument :
BNA_P
ClientSampleId :
FB020724

Tgt Ion:152 Resp: 62772
Ion Ratio Lower Upper
152 100
150 155.8 121.8 182.8
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 19.409 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019743.D
Acq: 16 Feb 2024 14:09

Tgt Ion:112 Resp: 75583
Ion Ratio Lower Upper
112 100
64 57.1 47.4 71.0
63 31.0 27.0 40.6

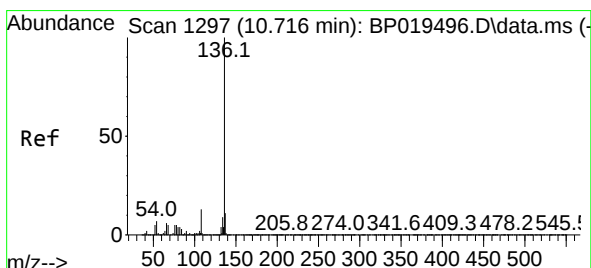
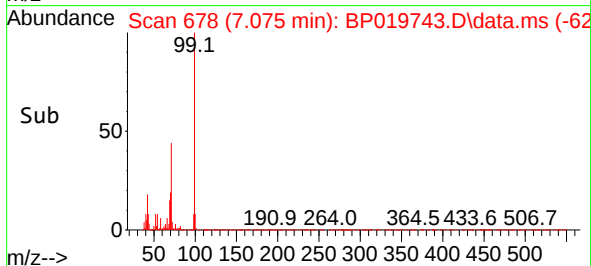
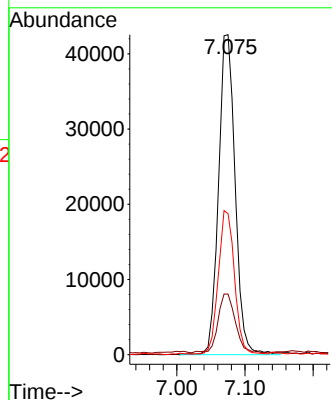
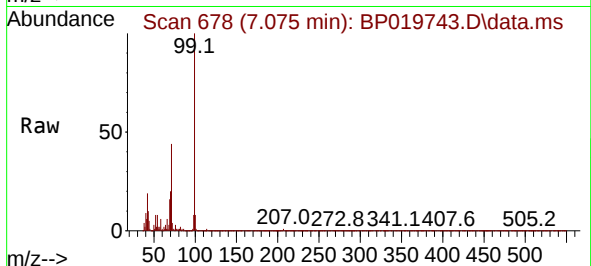




#7
Phenol-d6
Concen: 13.732 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019743.D
Acq: 16 Feb 2024 14:09

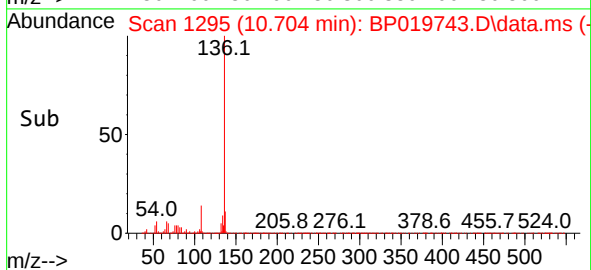
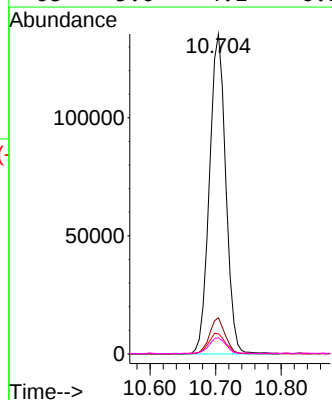
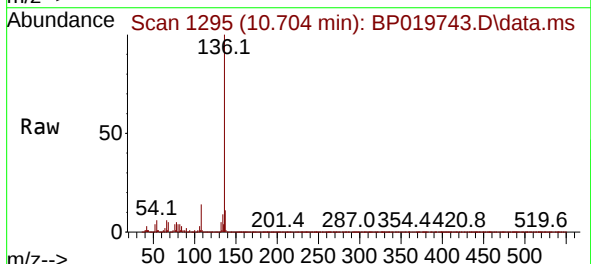
Instrument :
BNA_P
ClientSampleId :
FB020724

Tgt Ion:	99	Resp:	72102
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.7	22.1
71	44.1	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019743.D
Acq: 16 Feb 2024 14:09

Tgt Ion:	136	Resp:	234720
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.3	5.3	7.9
68	5.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 85.399 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

Instrument :

BNA_P

ClientSampleId :

FB020724

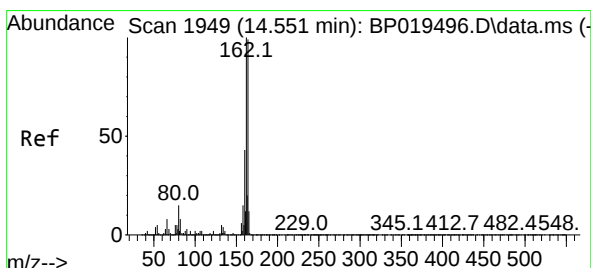
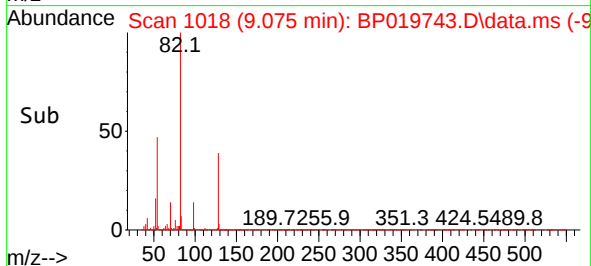
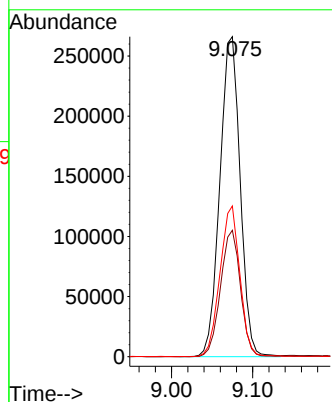
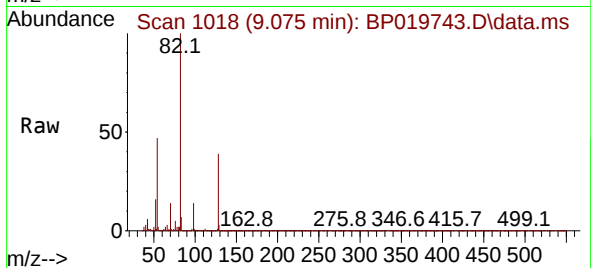
Tgt Ion: 82 Resp: 462594

Ion Ratio Lower Upper

82 100

128 39.5 29.7 44.5

54 47.1 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

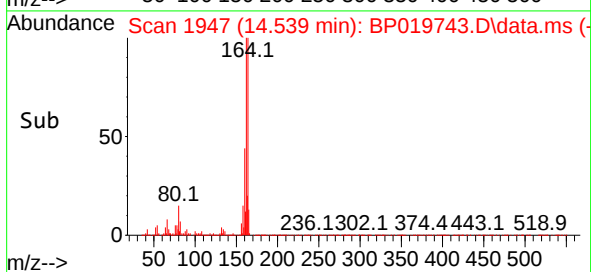
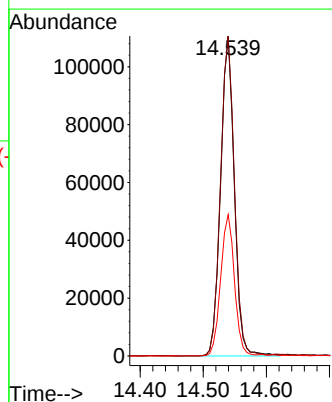
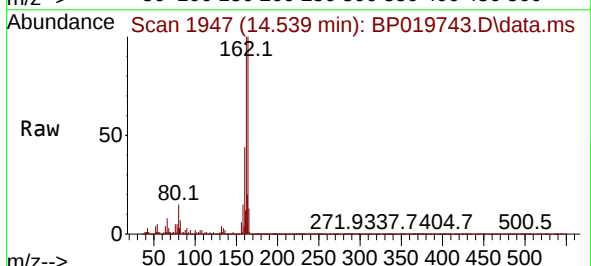
Tgt Ion:164 Resp: 167007

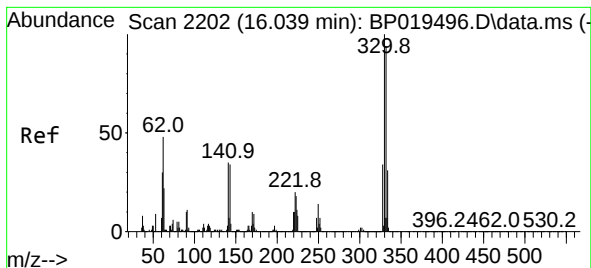
Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 85.433 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

Instrument :

BNA_P

ClientSampleId :

FB020724

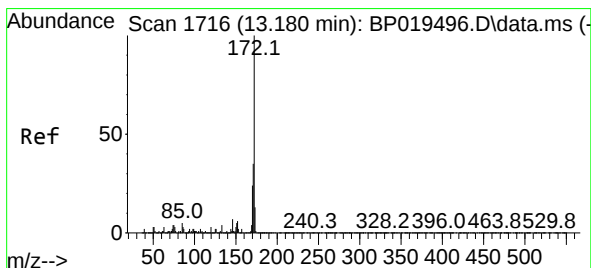
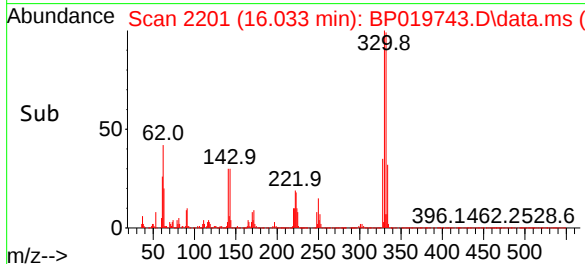
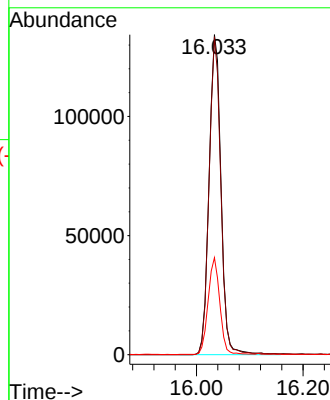
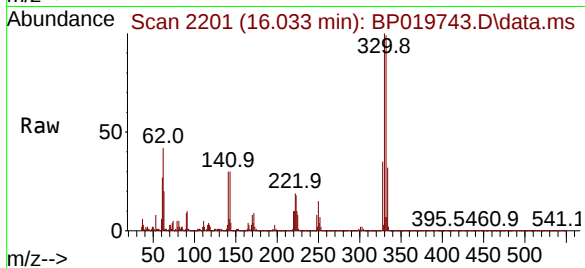
Tgt Ion:330 Resp: 208322

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 29.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.172 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

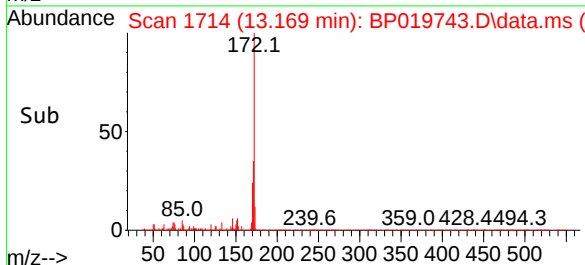
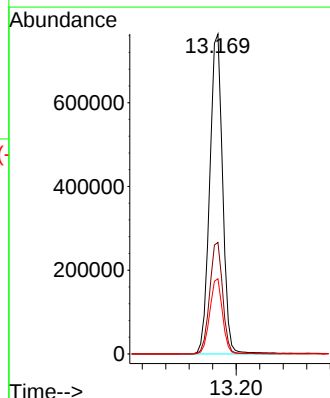
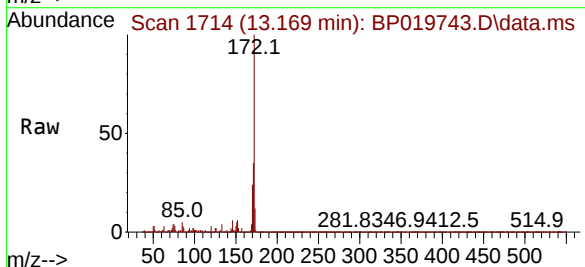
Tgt Ion:172 Resp: 1164126

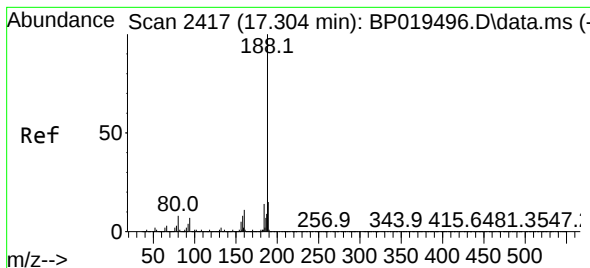
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.5 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: BP019743.D

Acq: 16 Feb 2024 14:09

Instrument :

BNA_P

ClientSampleId :

FB020724

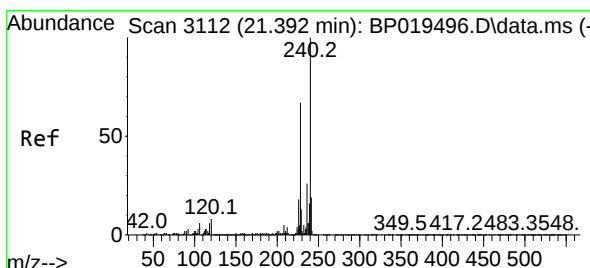
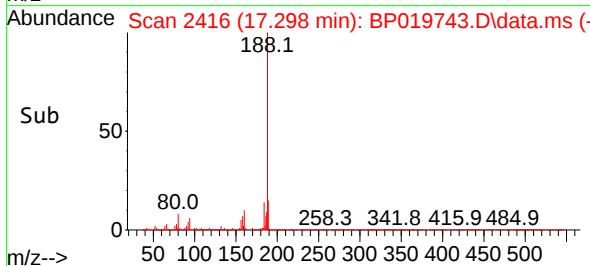
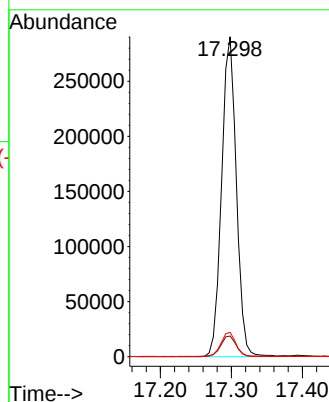
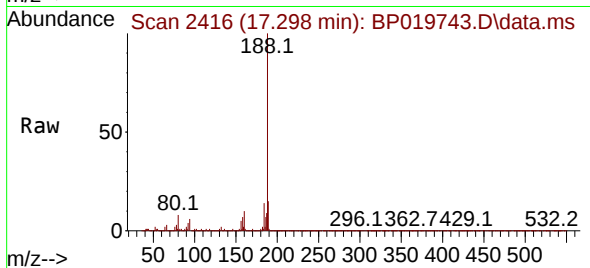
Tgt Ion:188 Resp: 416517

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.6 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: BP019743.D

Acq: 16 Feb 2024 14:09

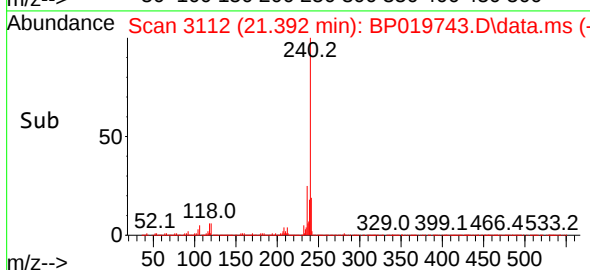
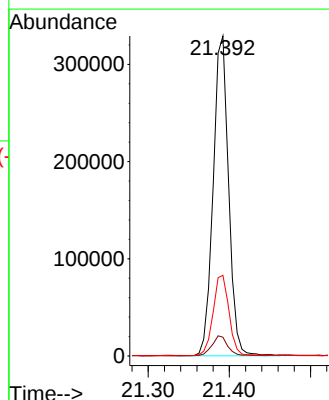
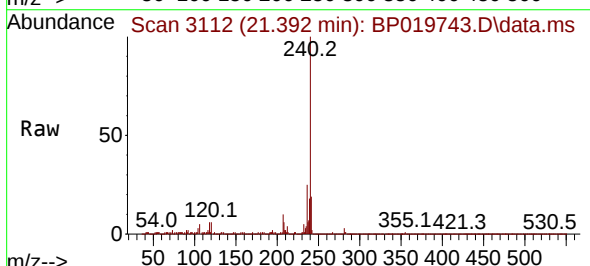
Tgt Ion:240 Resp: 434972

Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 100.445 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

Instrument :

BNA_P

ClientSampleId :

FB020724

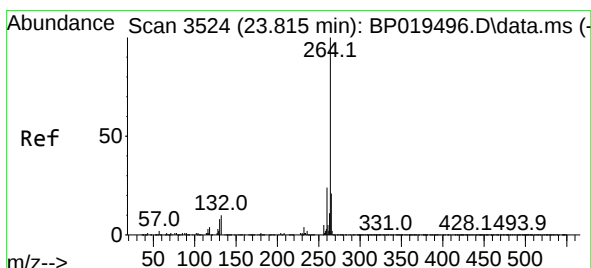
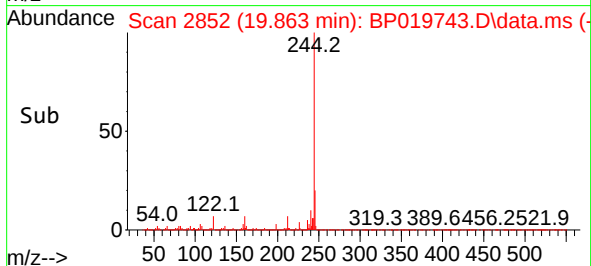
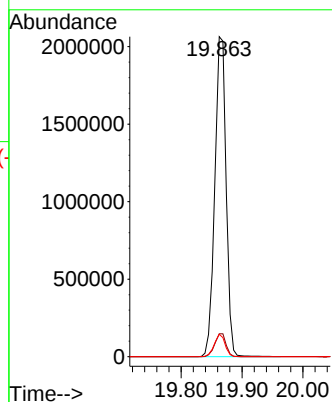
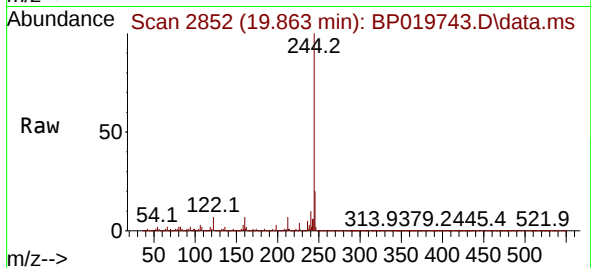
Tgt Ion:244 Resp: 2656710

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 7.0 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019743.D

Acq: 16 Feb 2024 14:09

Tgt Ion:264 Resp: 484745

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.8 17.0 25.4

