

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019745.D
 Acq On : 16 Feb 2024 15:16
 Operator : MA/JU
 Sample : P1440-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-2

Quant Time: Feb 16 16:37:05 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	71200	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	264584	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	176126	20.000	ng	-0.02
64) Phenanthrene-d10	17.298	188	435824	20.000	ng	0.00
76) Chrysene-d12	21.386	240	465277	20.000	ng	0.00
86) Perylene-d12	23.810	264	526559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	366622	83.001	ng	-0.01
7) Phenol-d6	7.075	99	313054	52.562	ng	-0.01
23) Nitrobenzene-d5	9.075	82	565618	92.632	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	500921	194.792	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1363647	95.714	ng	-0.02
79) Terphenyl-d14	19.863	244	2905208	102.686	ng	0.00

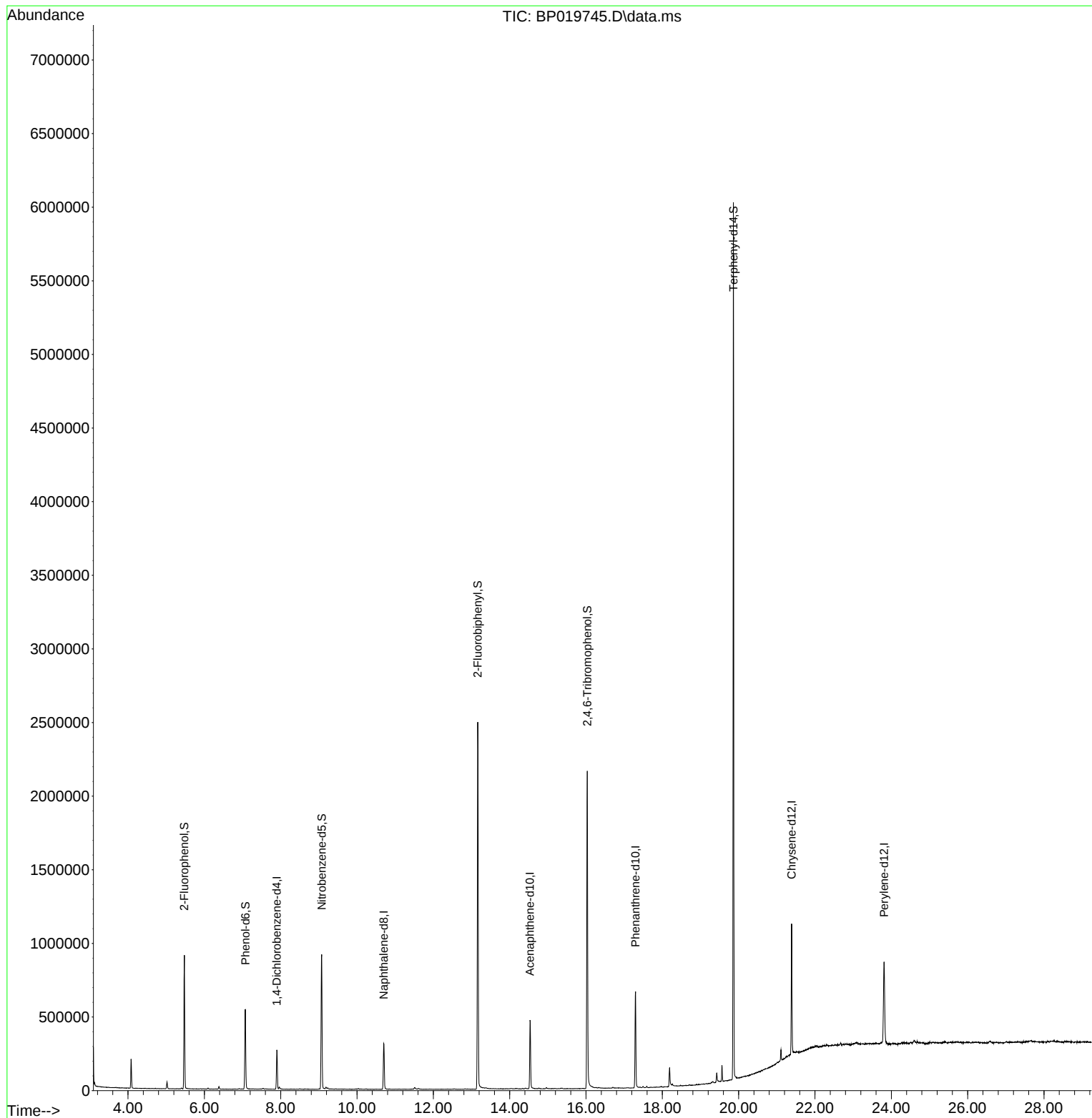
Target Compounds	Qvalue

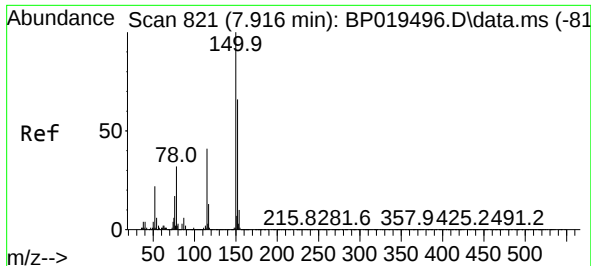
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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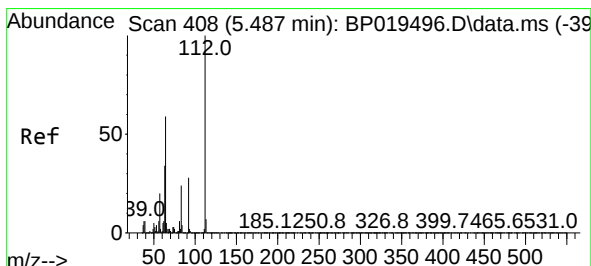
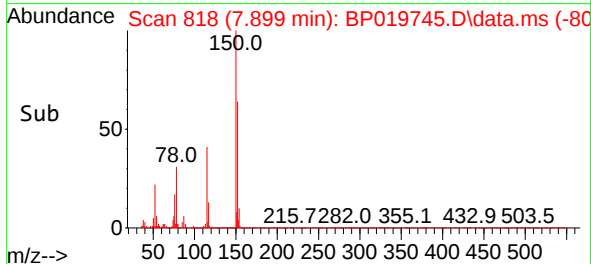
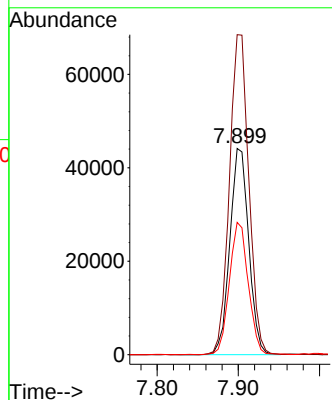
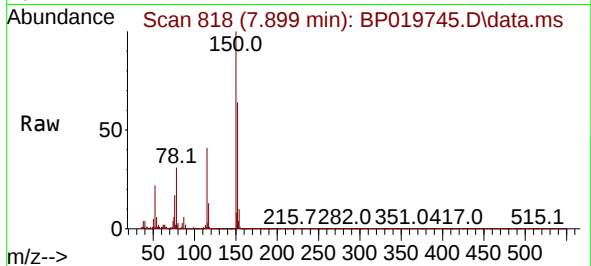




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

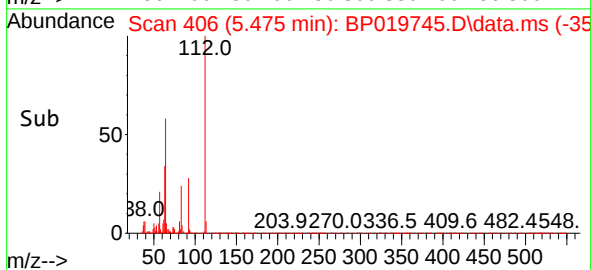
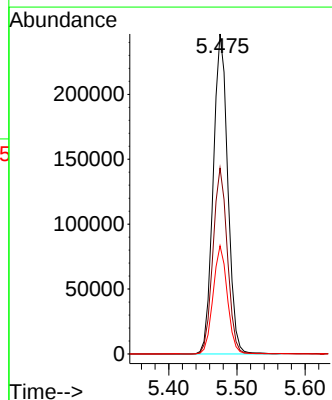
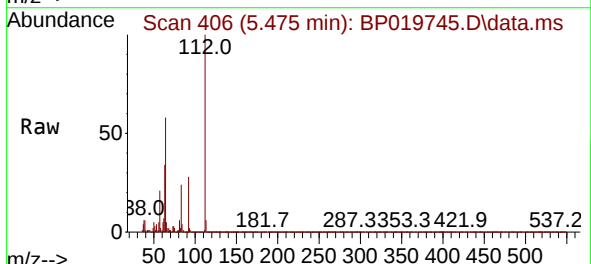
Instrument :
BNA_P
ClientSampleId :
TW-2

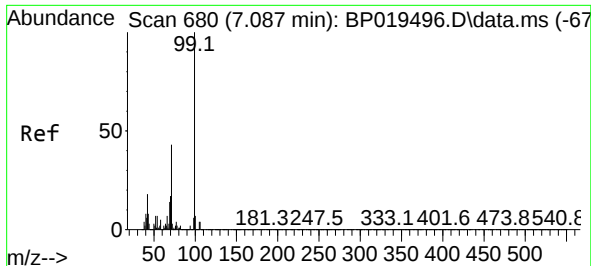
Tgt Ion:152 Resp: 71200
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.8
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 83.001 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

Tgt Ion:112 Resp: 366622
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 33.8 27.0 40.6

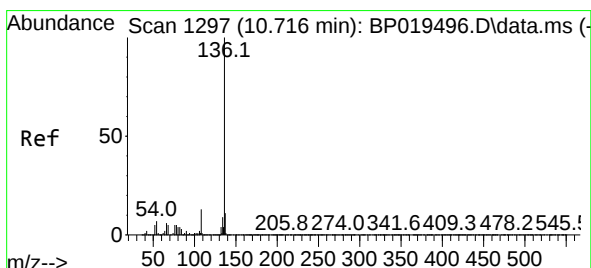
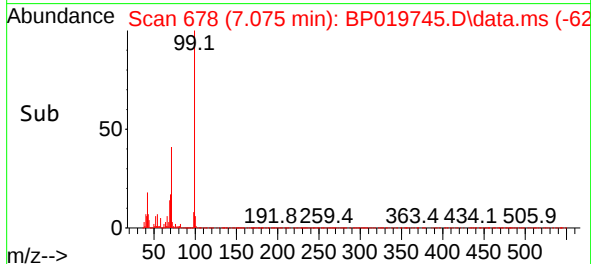
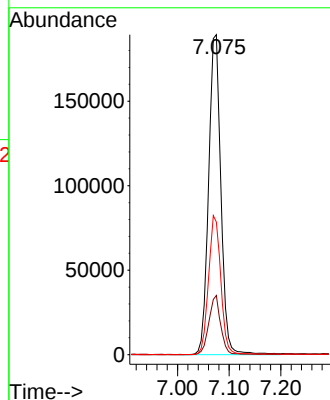
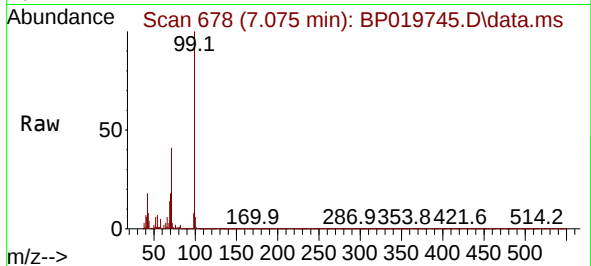




#7
Phenol-d6
Concen: 52.562 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

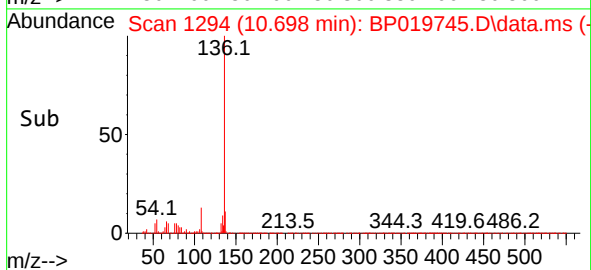
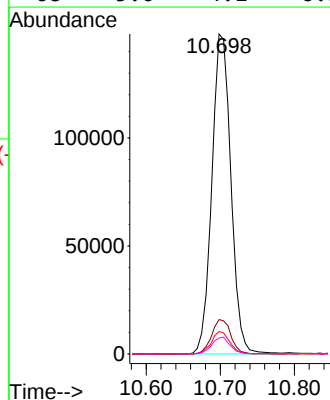
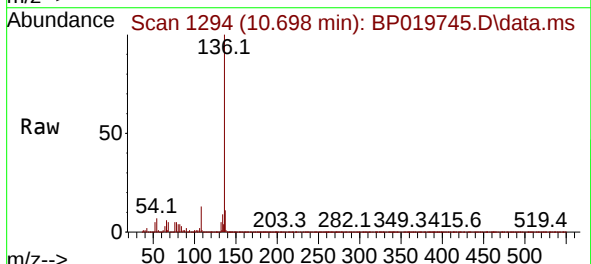
Instrument :
BNA_P
ClientSampleId :
TW-2

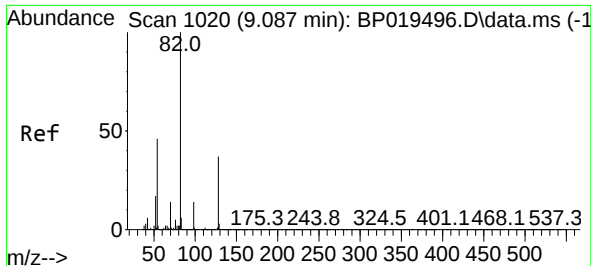
Tgt Ion: 99 Resp: 313054
Ion Ratio Lower Upper
99 100
42 18.5 14.7 22.1
71 41.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

Tgt Ion: 136 Resp: 264584
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 5.3 7.9
68 5.0 4.1 6.1

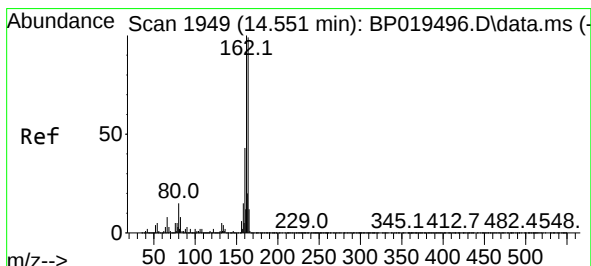
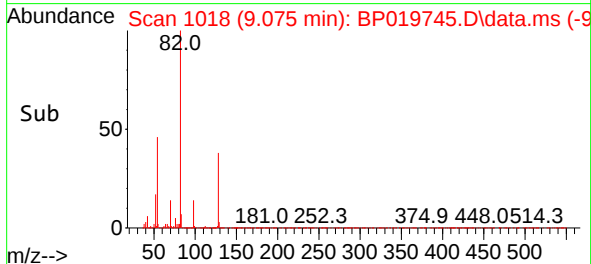
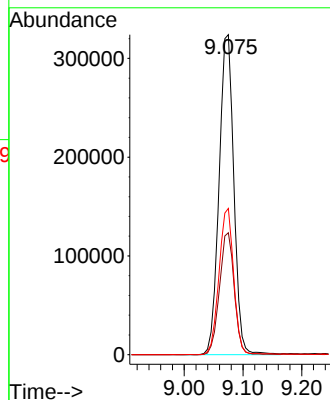
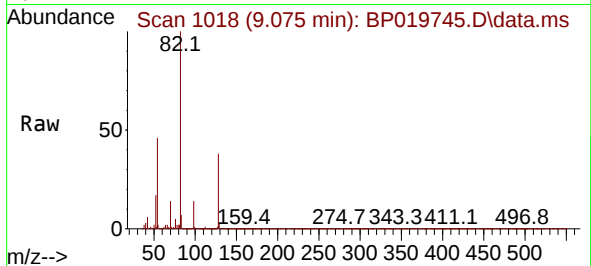




#23
Nitrobenzene-d5
Concen: 92.632 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

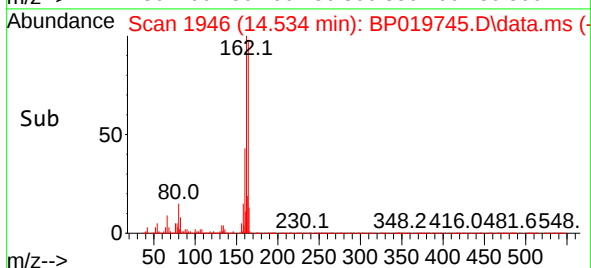
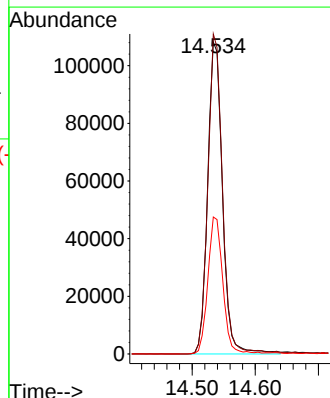
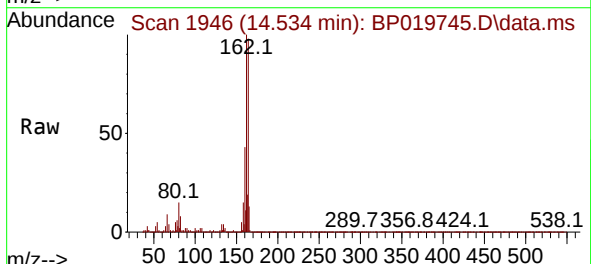
Instrument :
BNA_P
ClientSampleId :
TW-2

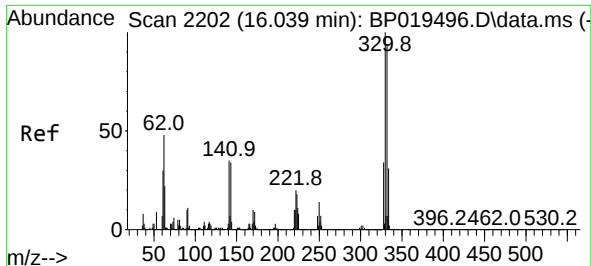
Tgt Ion: 82 Resp: 565618
Ion Ratio Lower Upper
82 100
128 38.1 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

Tgt Ion: 164 Resp: 176126
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 43.9 35.1 52.7

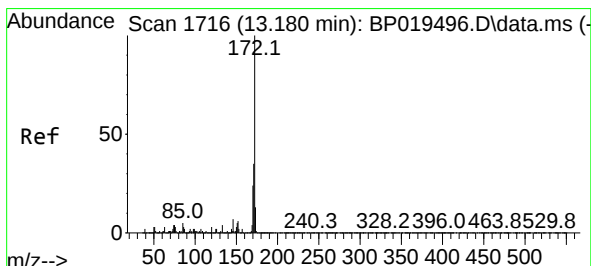
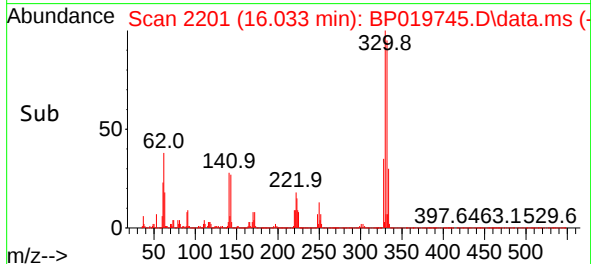
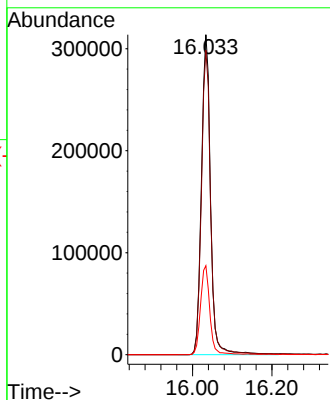
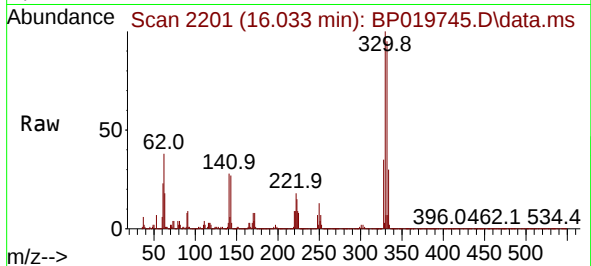




#42
2,4,6-Tribromophenol
Concen: 194.792 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

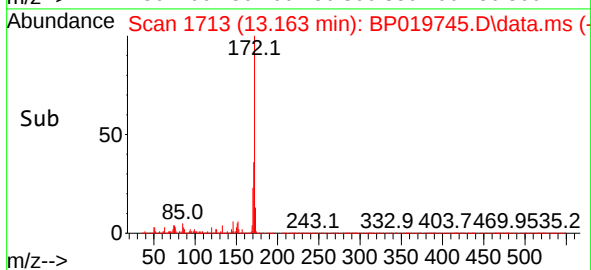
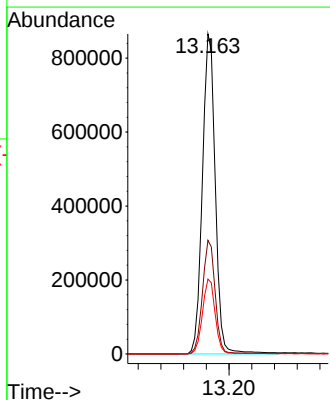
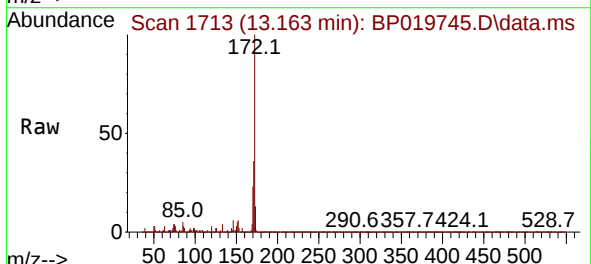
Instrument :
BNA_P
ClientSampleId :
TW-2

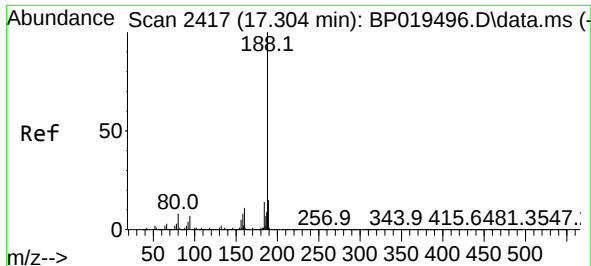
Tgt Ion:330 Resp: 500921
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 28.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 95.714 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

Tgt Ion:172 Resp: 1363647
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.4 18.9 28.3

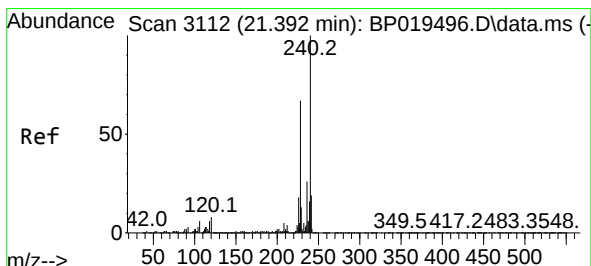
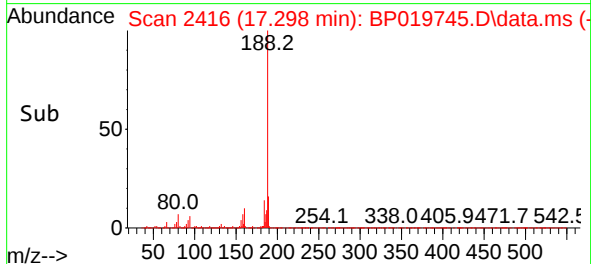
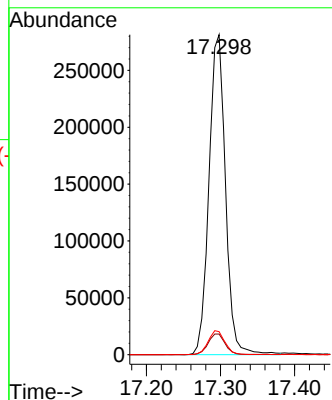
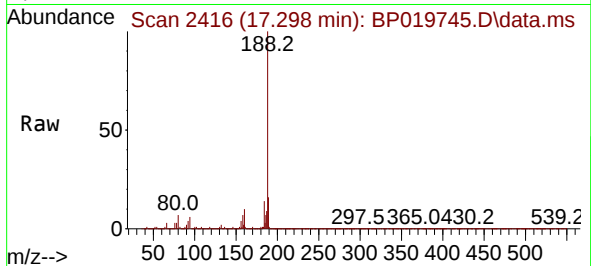




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

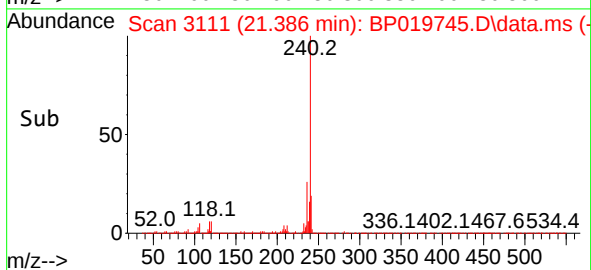
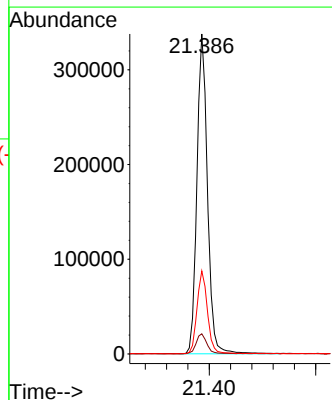
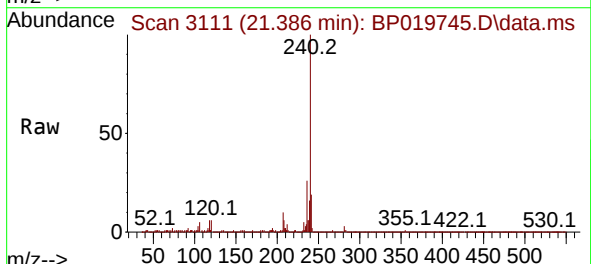
Instrument :
BNA_P
ClientSampleId :
TW-2

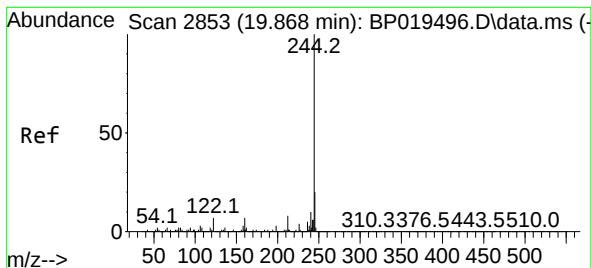
Tgt Ion:188 Resp: 435824
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019745.D
Acq: 16 Feb 2024 15:16

Tgt Ion:240 Resp: 465277
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 102.686 ng

RT: 19.863 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP019745.D

Acq: 16 Feb 2024 15:16

Instrument :

BNA_P

ClientSampleId :

TW-2

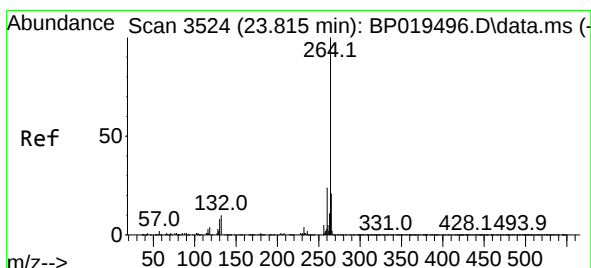
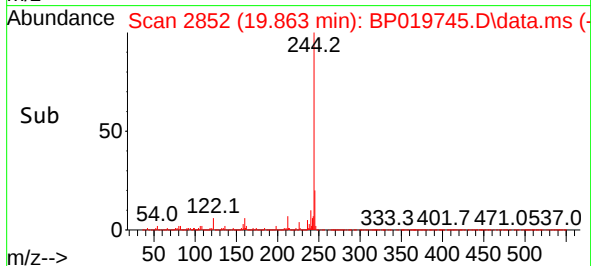
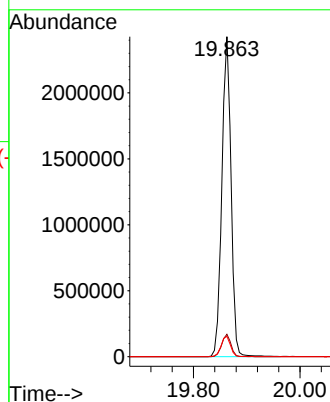
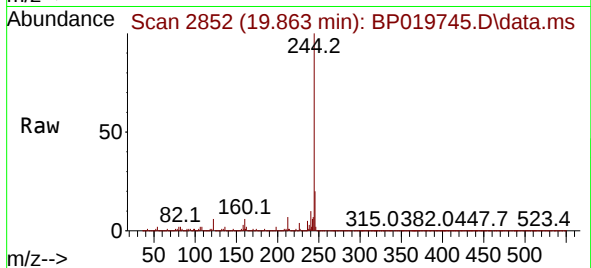
Tgt Ion:244 Resp: 2905208

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019745.D

Acq: 16 Feb 2024 15:16

Tgt Ion:264 Resp: 526559

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.6 17.0 25.4

