

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019843.D
 Acq On : 23 Feb 2024 14:59
 Operator : MA/JU
 Sample : P1318-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CO-11-GRID-2

Quant Time: Feb 23 15:25:55 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)

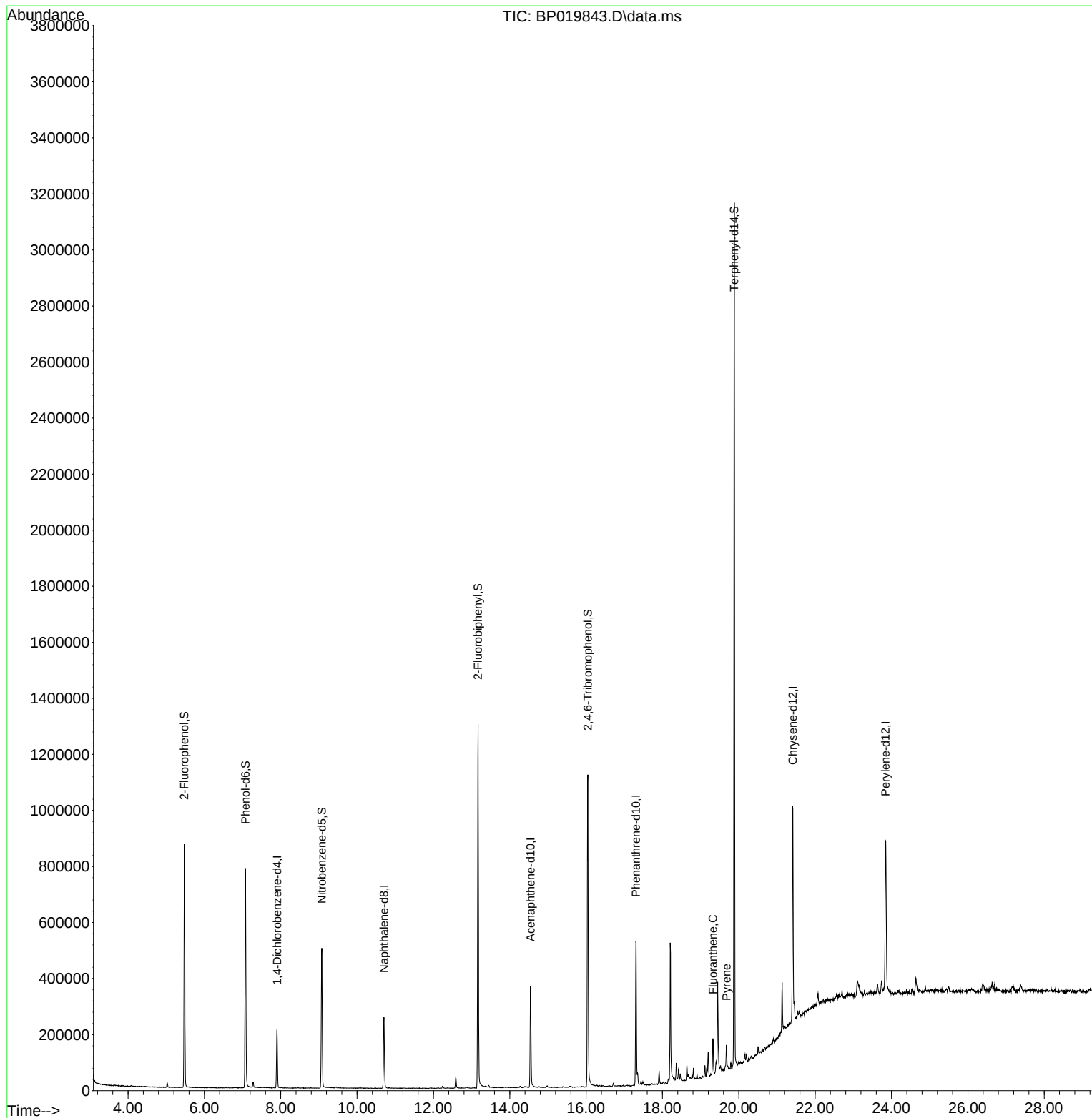
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	58360	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	214413	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	144669	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	346320	20.000	ng	0.00
76) Chrysene-d12	21.416	240	416095	20.000	ng	#-0.01
86) Perylene-d12	23.845	264	501760	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	357559	98.759	ng	0.00
7) Phenol-d6	7.075	99	454888	93.181	ng	0.00
23) Nitrobenzene-d5	9.075	82	308956	62.438	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	266408	126.124	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	721353	61.641	ng	0.00
79) Terphenyl-d14	19.881	244	1560361	61.671	ng	-0.01
Target Compounds						
75) Fluoranthene	19.322	202	64295	2.888	ng	97
78) Pyrene	19.675	202	59310	2.020	ng	100

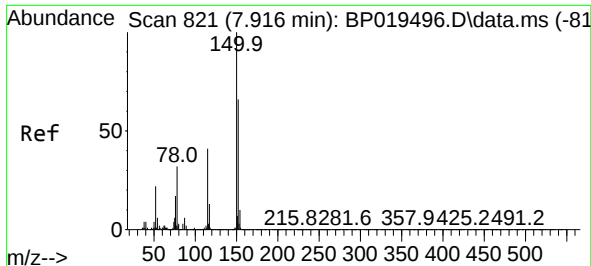
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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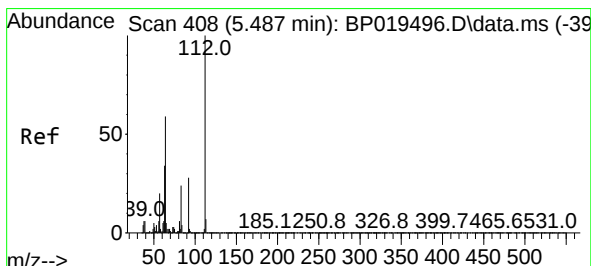
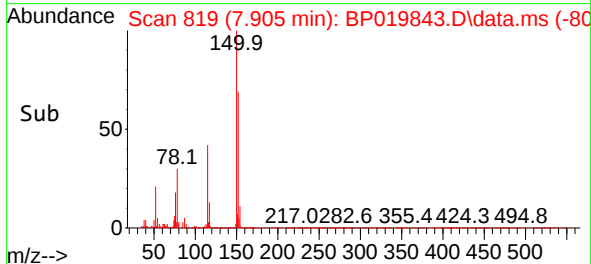
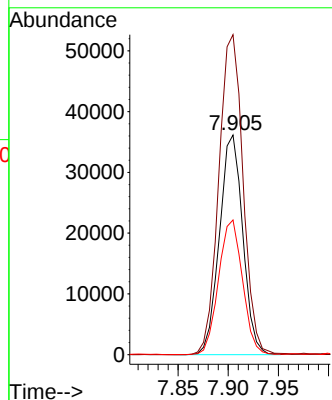
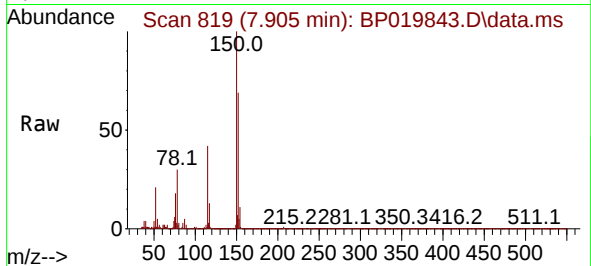




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

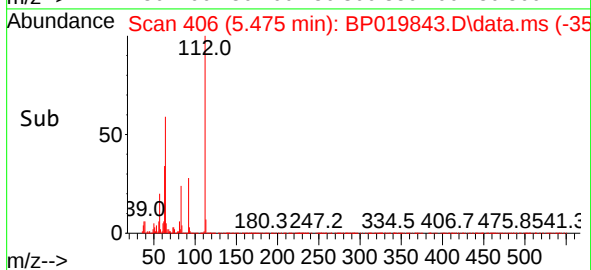
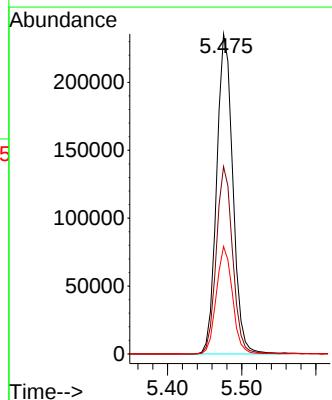
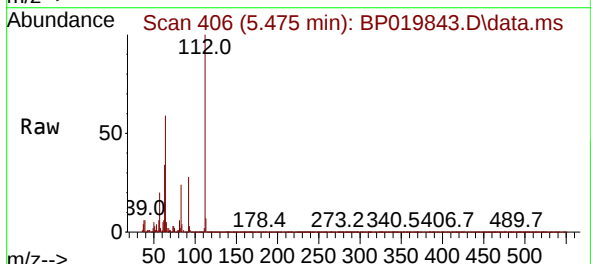
Instrument :
BNA_P
ClientSampleId :
CO-11-GRID-2

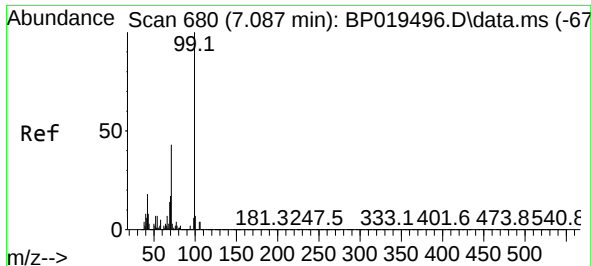
Tgt Ion:152 Resp: 58360
Ion Ratio Lower Upper
152 100
150 145.7 121.8 182.8
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 98.759 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

Tgt Ion:112 Resp: 357559
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.6 27.0 40.6

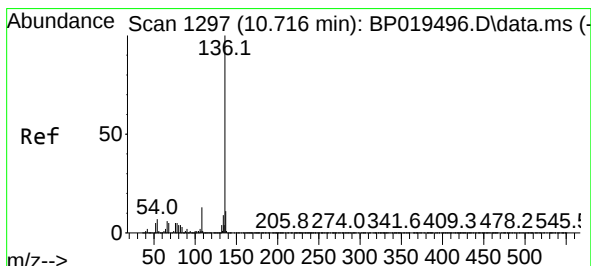
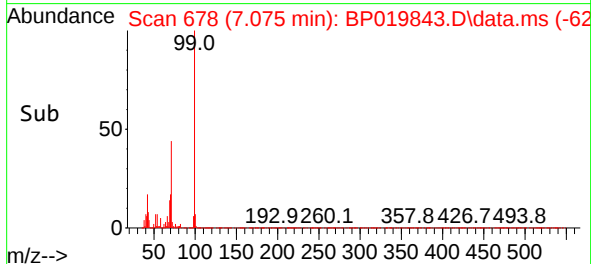
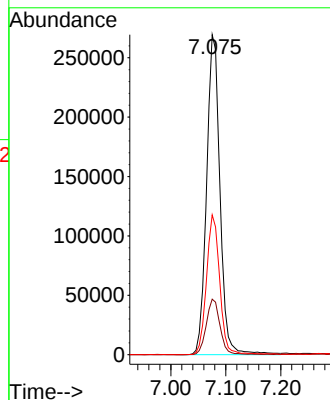
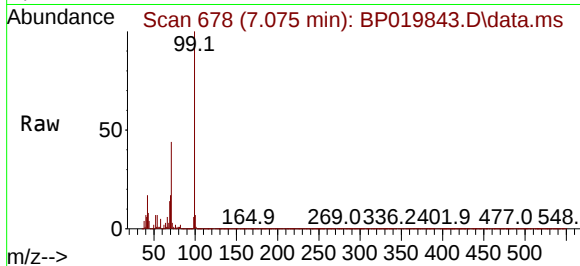




#7
Phenol-d6
Concen: 93.181 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

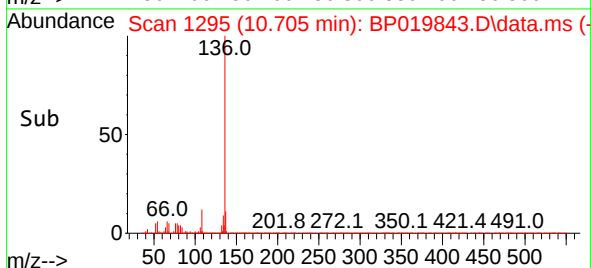
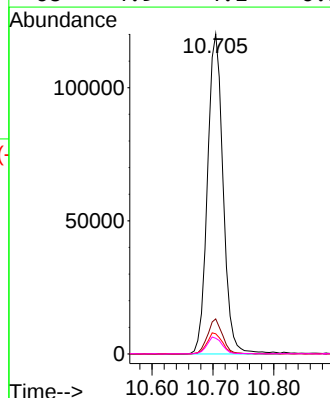
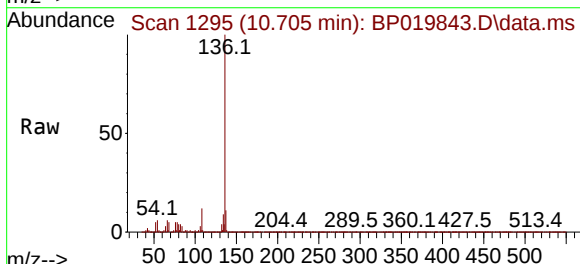
Instrument :
BNA_P
ClientSampleId :
CO-11-GRID-2

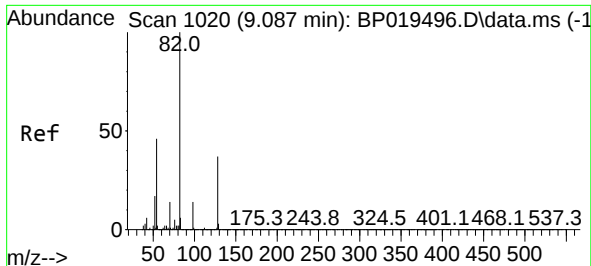
Tgt Ion: 99 Resp: 454888
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

Tgt Ion: 136 Resp: 214413
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.3 7.9
68 4.9 4.1 6.1

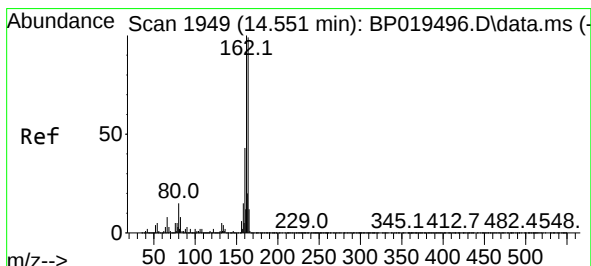
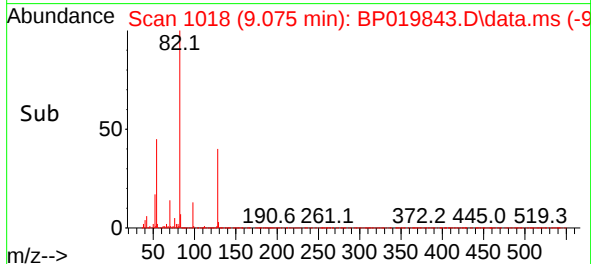
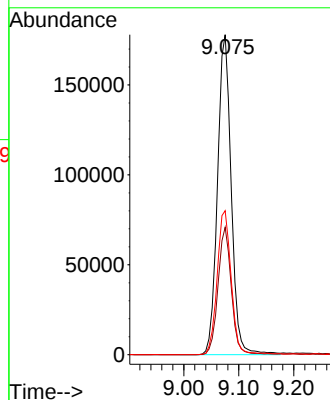
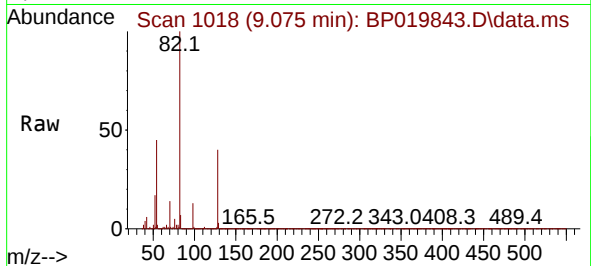




#23
Nitrobenzene-d5
Concen: 62.438 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

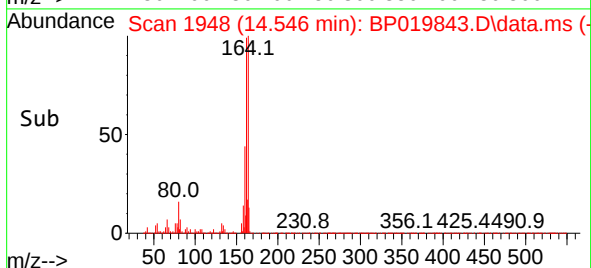
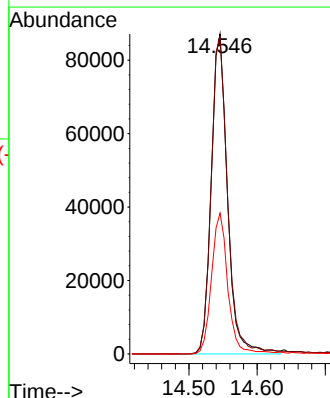
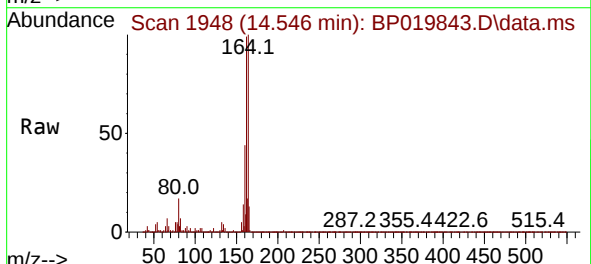
Instrument :
BNA_P
ClientSampleId :
CO-11-GRID-2

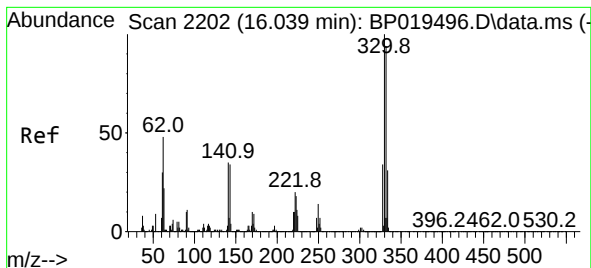
Tgt Ion: 82 Resp: 308956
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 45.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

Tgt Ion:164 Resp: 144669
Ion Ratio Lower Upper
164 100
162 99.1 81.2 121.8
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.124 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019843.D

Acq: 23 Feb 2024 14:59

Instrument :

BNA_P

ClientSampleId :

CO-11-GRID-2

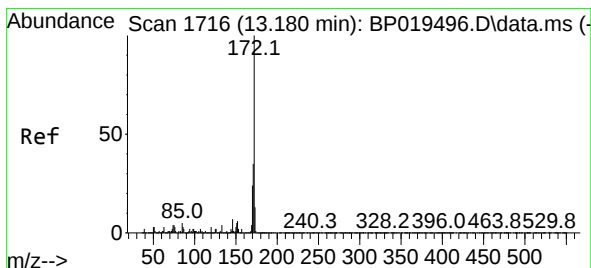
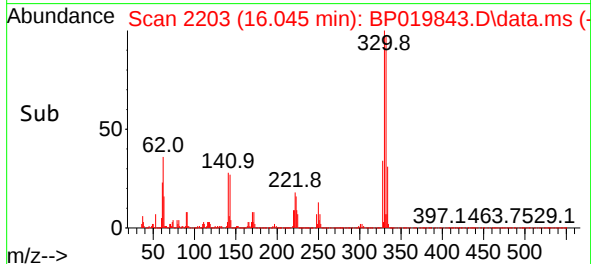
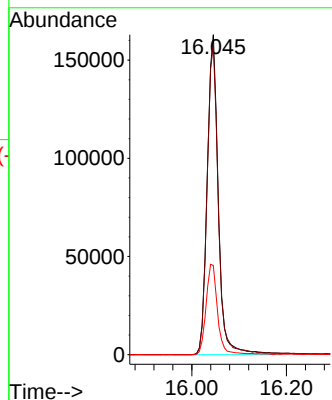
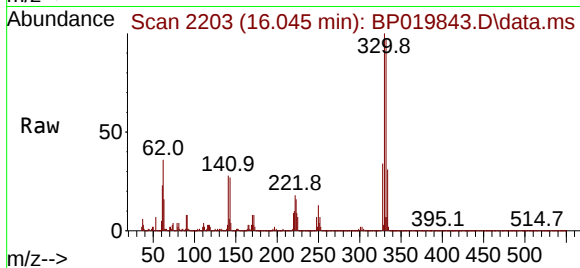
Tgt Ion:330 Resp: 266408

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 29.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 61.641 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019843.D

Acq: 23 Feb 2024 14:59

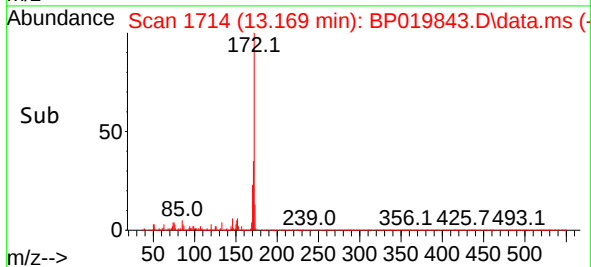
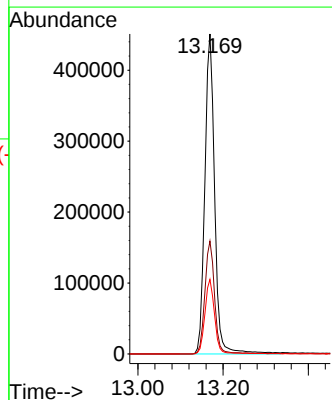
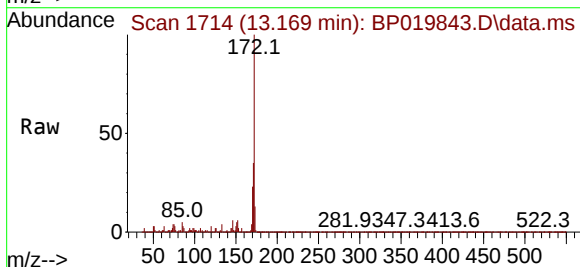
Tgt Ion:172 Resp: 721353

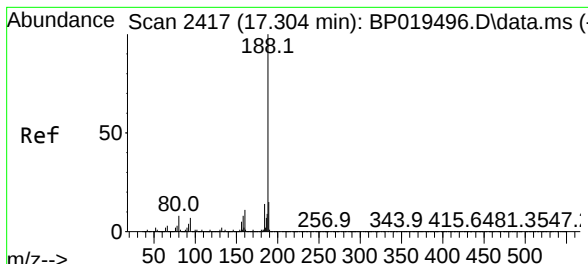
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.3 18.9 28.3

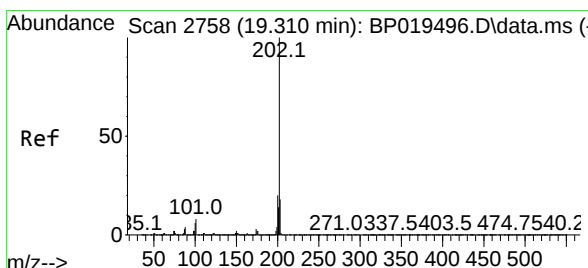
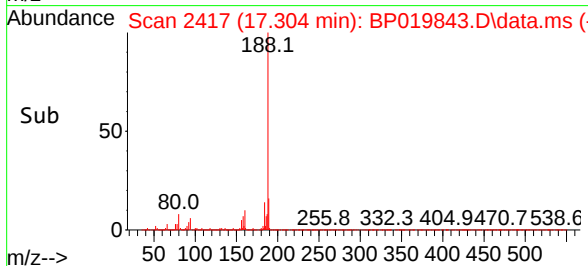
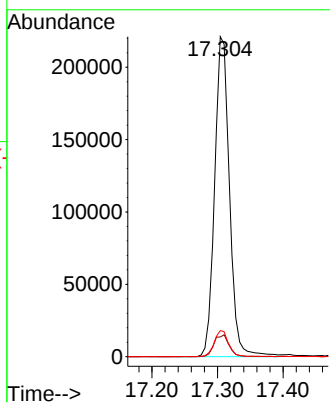
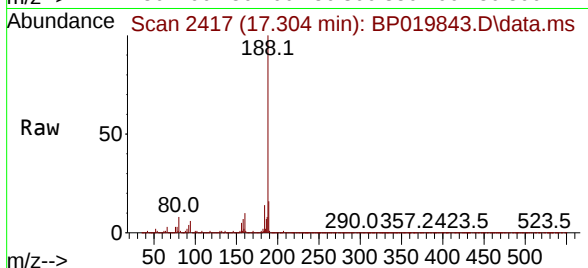




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

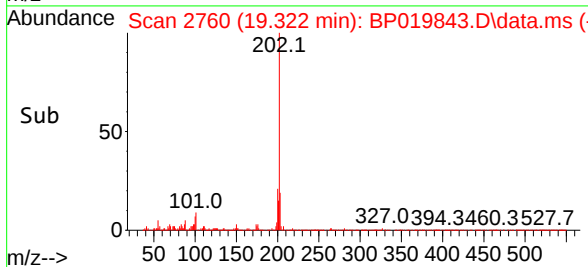
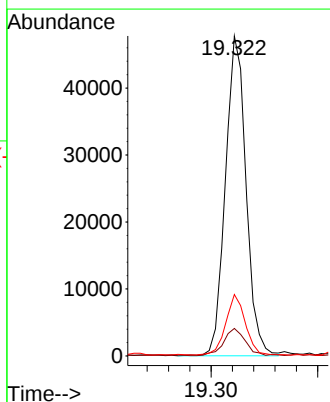
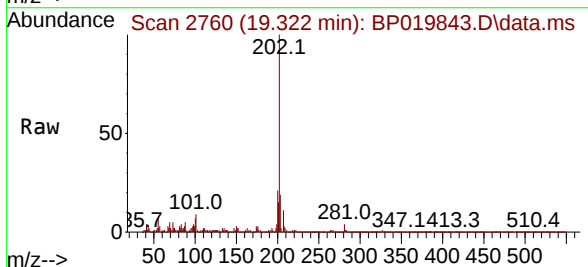
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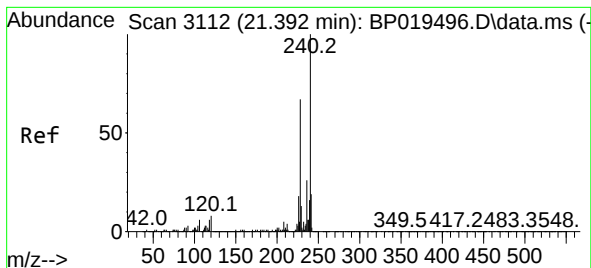
Tgt Ion:188	Resp:	346320
Ion Ratio	Lower	Upper
188	100	
94	6.2	5.4 8.2
80	8.2	6.3 9.5



#75
Fluoranthene
Concen: 2.888 ng
RT: 19.322 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP019843.D
Acq: 23 Feb 2024 14:59

Tgt Ion:202	Resp:	64295
Ion Ratio	Lower	Upper
202	100	
101	8.6	0.0 27.7
203	19.2	0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP019843.D

Acq: 23 Feb 2024 14:59

Instrument :

BNA_P

ClientSampleId :

CO-11-GRID-2

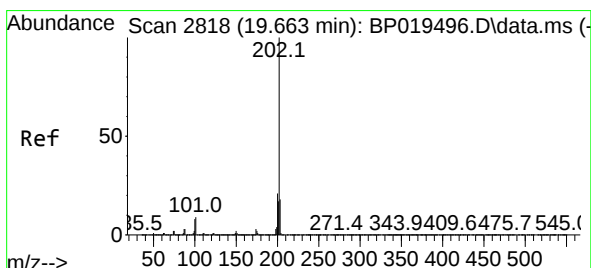
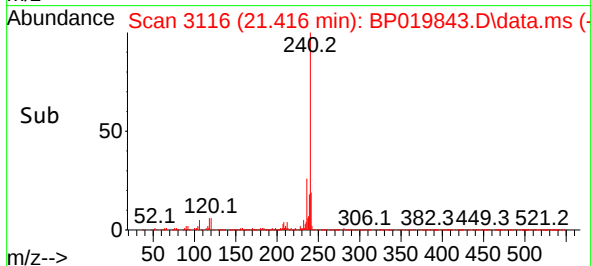
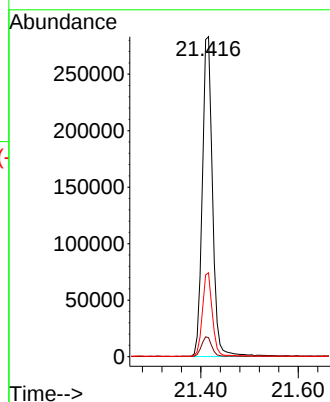
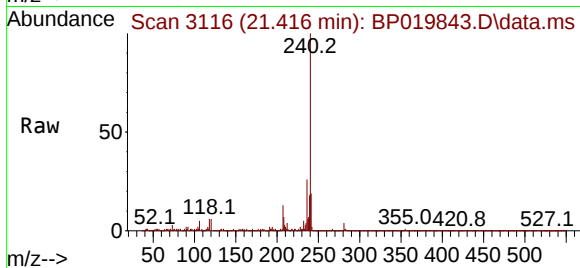
Tgt Ion:240 Resp: 416095

Ion Ratio Lower Upper

240 100

120 6.0 6.1 9.1#

236 26.2 20.7 31.1



#78

Pyrene

Concen: 2.020 ng

RT: 19.675 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BP019843.D

Acq: 23 Feb 2024 14:59

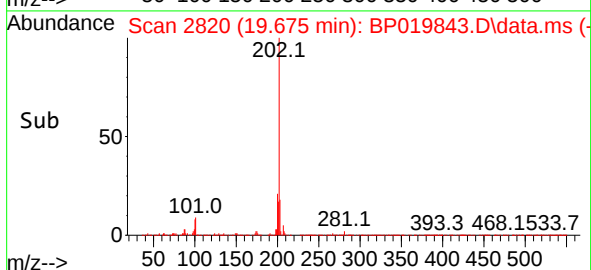
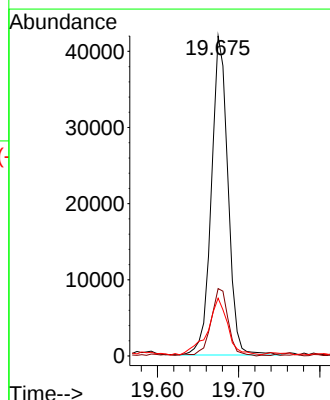
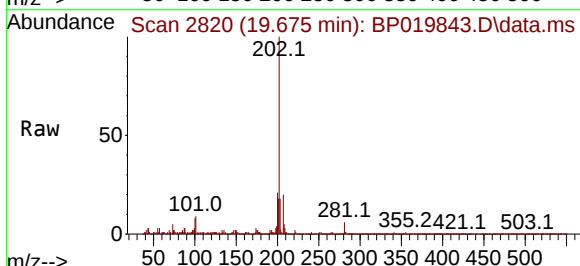
Tgt Ion:202 Resp: 59310

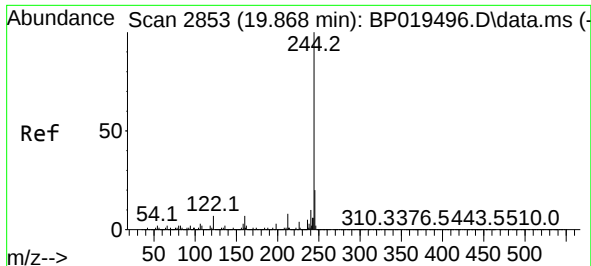
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 18.1 14.2 21.2

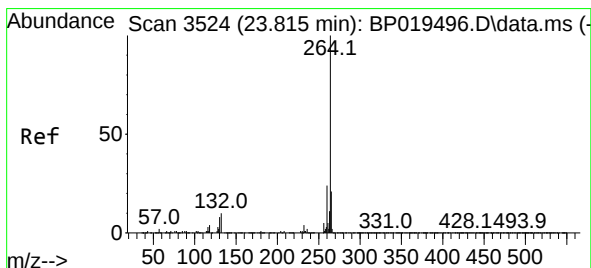
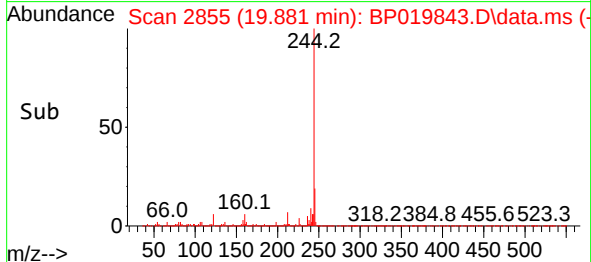
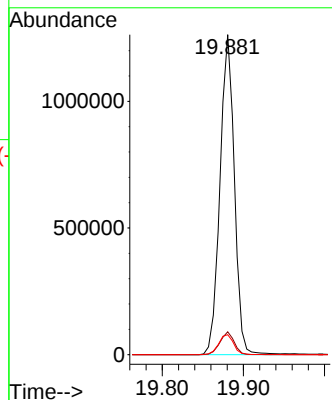
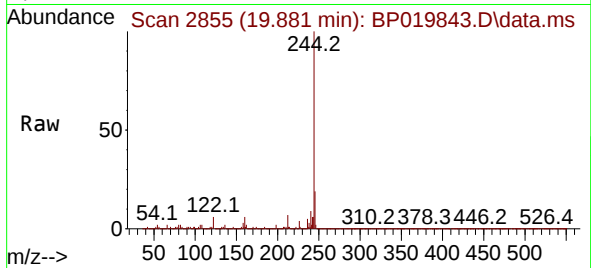




#79
 Terphenyl-d14
 Concen: 61.671 ng
 RT: 19.881 min Scan# 2855
 Delta R.T. -0.012 min
 Lab File: BP019843.D
 Acq: 23 Feb 2024 14:59

Instrument :
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Tgt Ion:244 Resp: 1560361
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 3529
 Delta R.T. -0.023 min
 Lab File: BP019843.D
 Acq: 23 Feb 2024 14:59

Tgt Ion:264 Resp: 501760
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.0 25.4

