

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013584.D
 Acq On : 24 Jan 2023 22:44
 Operator : CG/JU
 Sample : 01232-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17

Quant Time: Jan 25 03:53:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

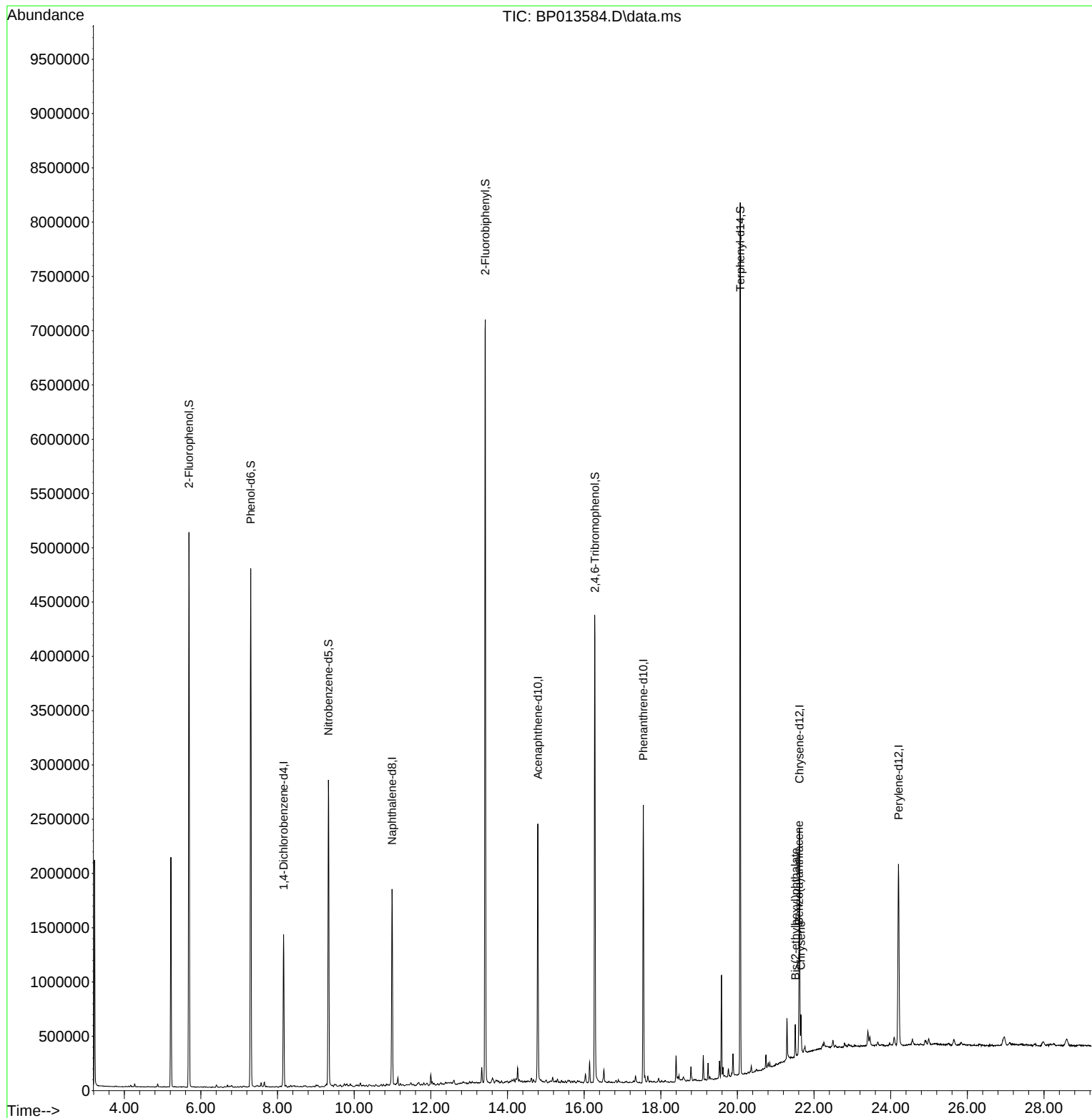
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	385930	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1523349	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	828227	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1519829	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1004639	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1335170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2258907	100.285	ng	0.00
7) Phenol-d6	7.299	99	2870191	94.677	ng	0.00
23) Nitrobenzene-d5	9.328	82	1578951	68.426	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	863513	103.944	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3764685	62.394	ng	0.00
79) Terphenyl-d14	20.075	244	3639080	65.165	ng	0.00
Target Compounds						
						Qvalue
81) Benzo(a)anthracene	21.604	228	183252	2.618	ng	99
83) Chrysene	21.657	228	219895	3.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	113817	2.908	ng	99

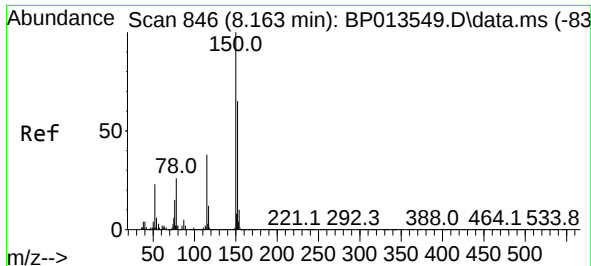
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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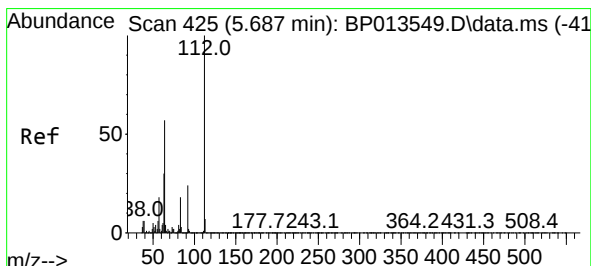
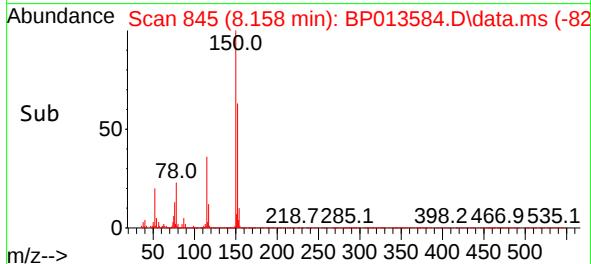
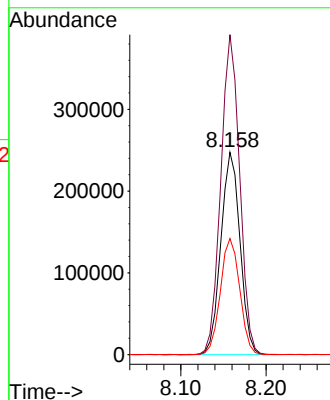
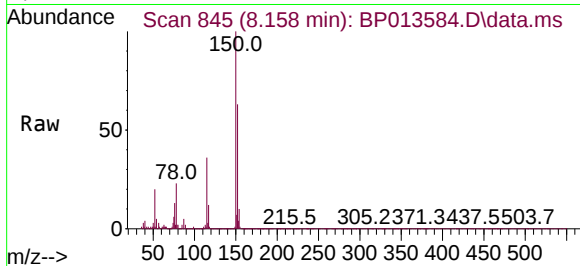




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

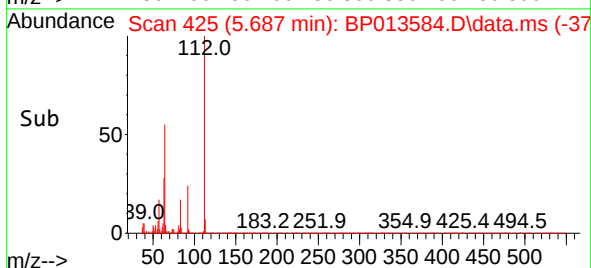
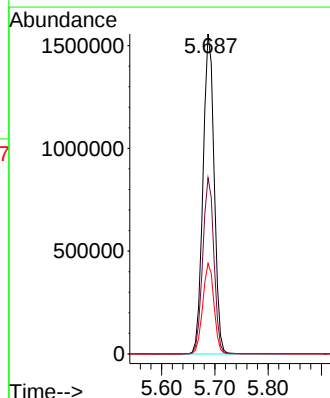
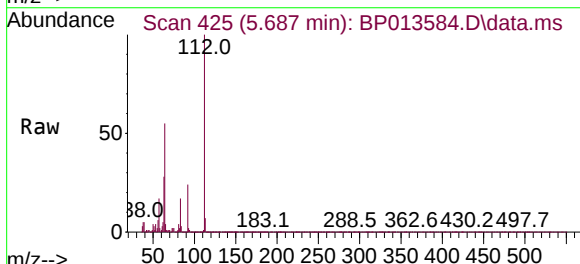
Instrument :
BNA_P
ClientSampleId :
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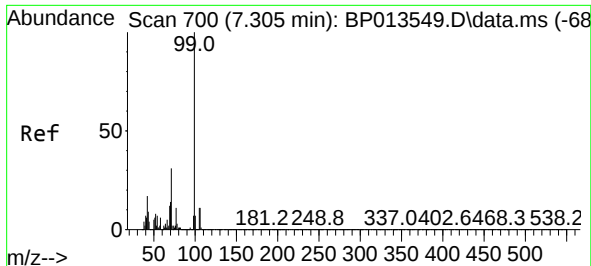
Tgt Ion:152 Resp: 385930
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 57.4 46.1 69.1



#5
2-Fluorophenol
Concen: 100.285 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:112 Resp: 2258907
Ion Ratio Lower Upper
112 100
64 55.0 45.4 68.0
63 28.3 24.1 36.1

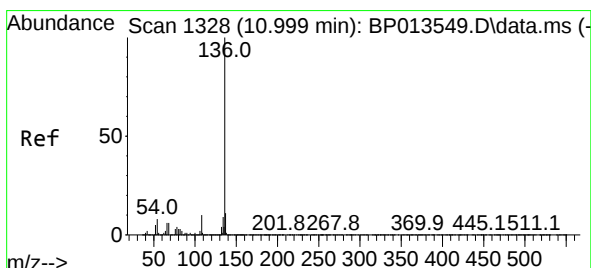
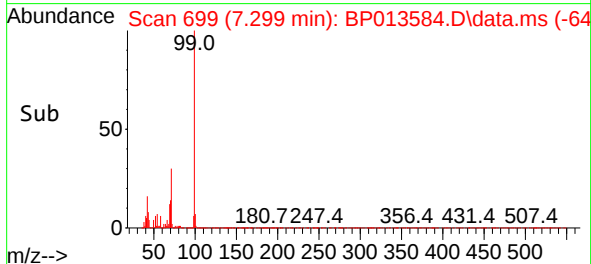
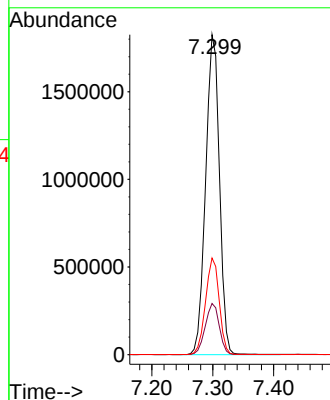
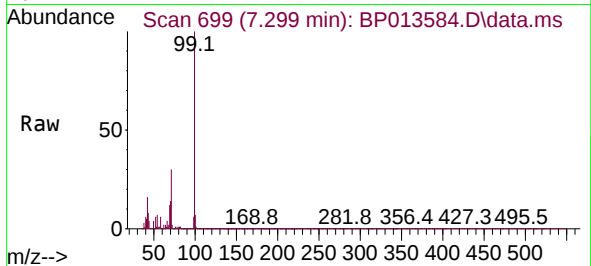




#7
Phenol-d6
Concen: 94.677 ng
RT: 7.299 min Scan# 69
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

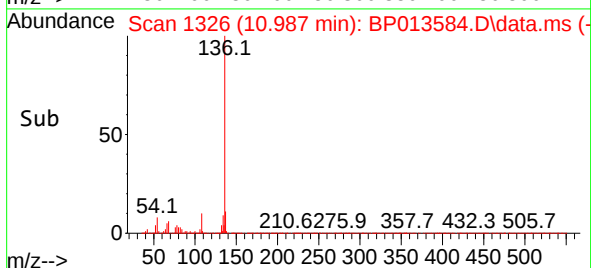
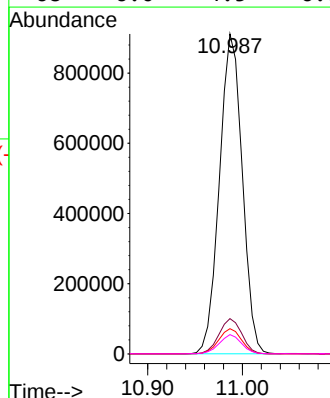
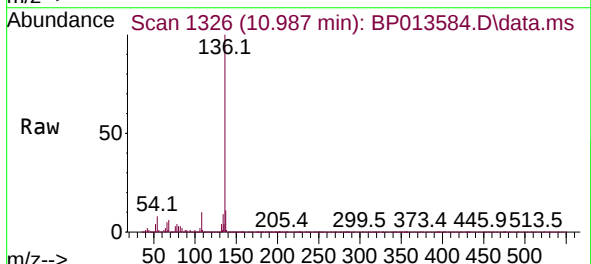
Instrument :
BNA_P
ClientSampleId :
WC-17

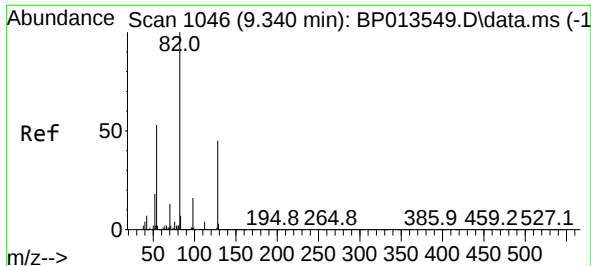
Tgt Ion: 99 Resp: 2870191
Ion Ratio Lower Upper
99 100
42 16.0 14.0 21.0
71 30.2 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion: 136 Resp: 1523349
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 6.6 9.8
68 6.0 4.5 6.7

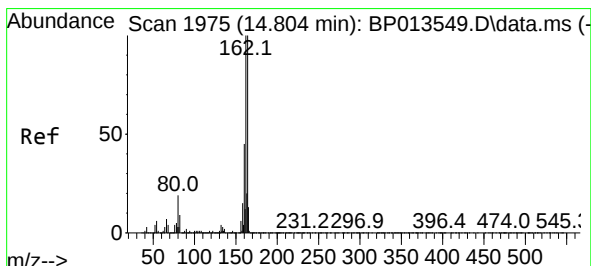
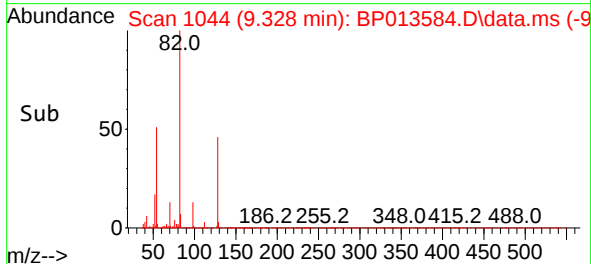
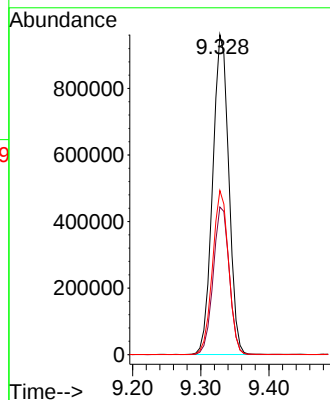
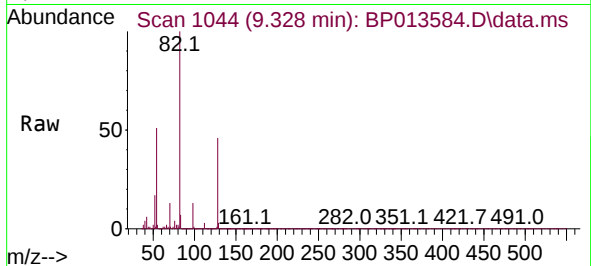




#23
Nitrobenzene-d5
Concen: 68.426 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

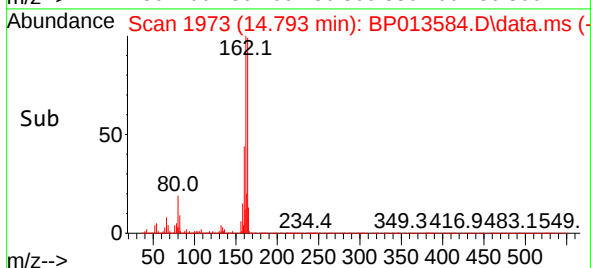
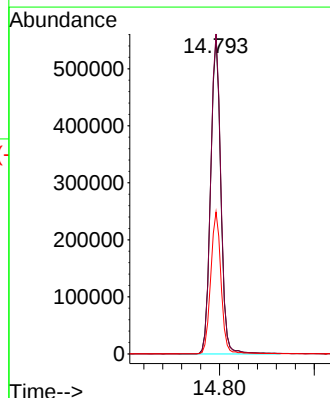
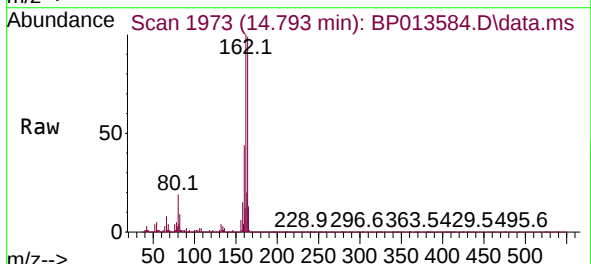
Instrument :
BNA_P
ClientSampleId :
WC-17

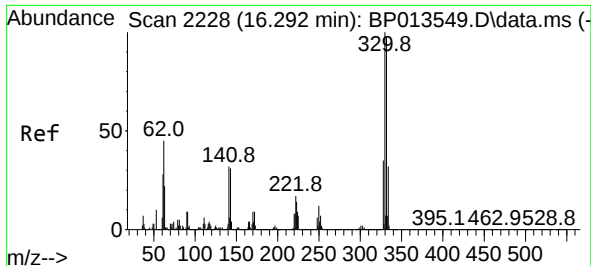
Tgt Ion: 82 Resp: 1578951
Ion Ratio Lower Upper
82 100
128 46.1 35.8 53.6
54 51.3 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion: 164 Resp: 828227
Ion Ratio Lower Upper
164 100
162 101.3 80.1 120.1
160 44.9 35.9 53.9

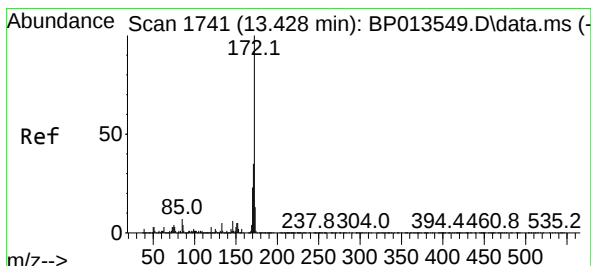
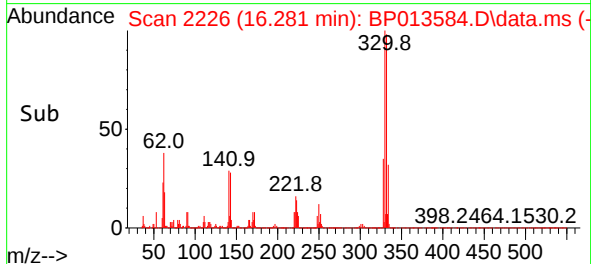
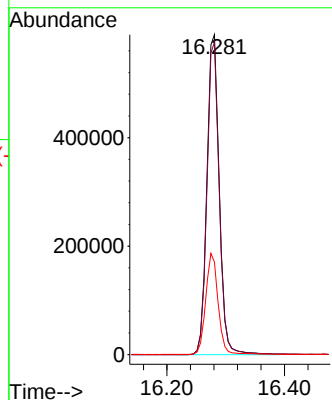
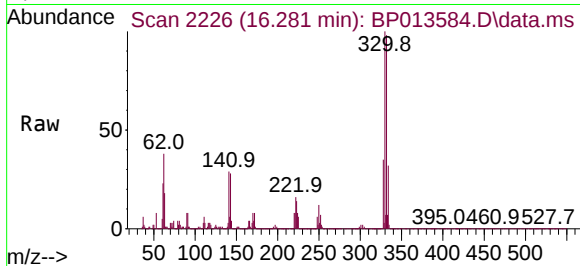




#42
2,4,6-Tribromophenol
Concen: 103.944 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

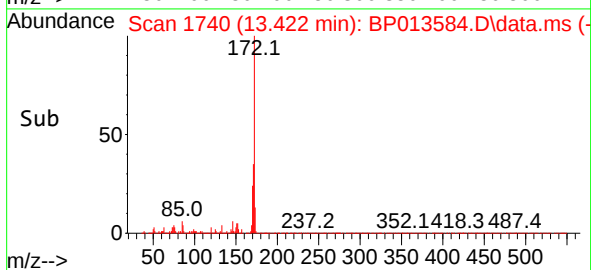
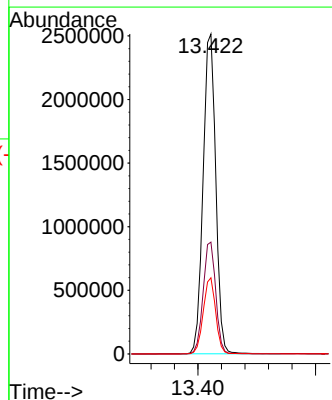
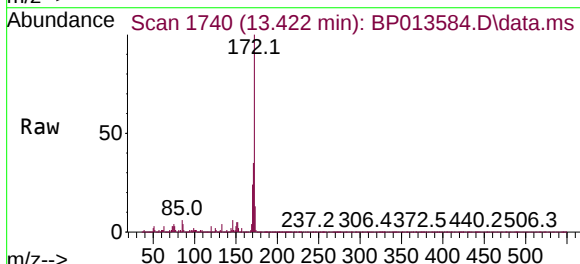
Instrument :
BNA_P
ClientSampleId :
WC-17

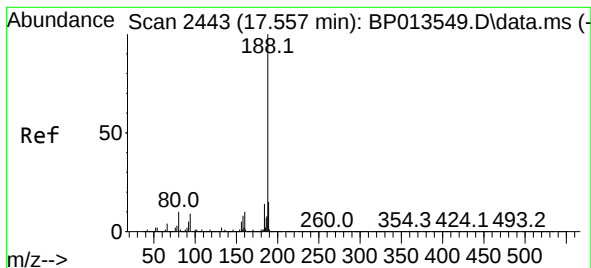
Tgt Ion:330 Resp: 863513
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 31.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.394 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:172 Resp: 3764685
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

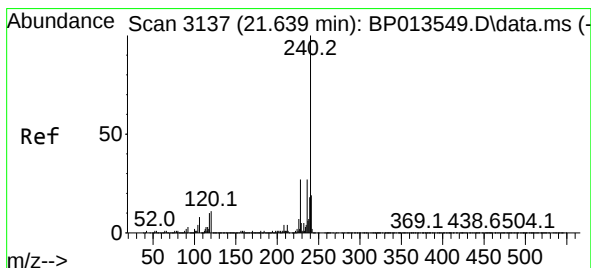
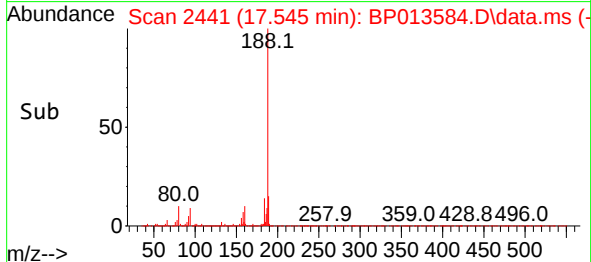
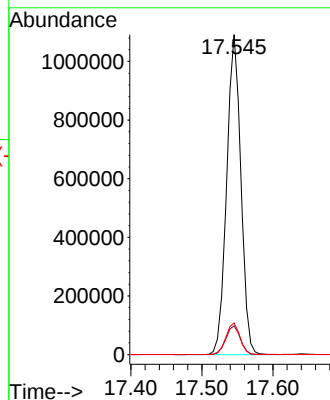
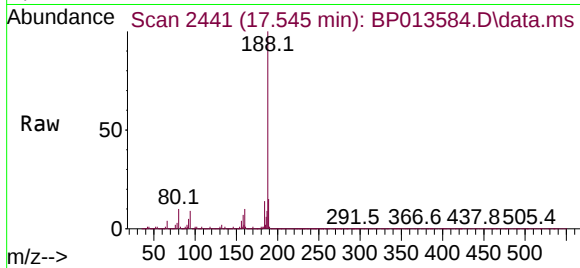
Tgt Ion:188 Resp: 1519829

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

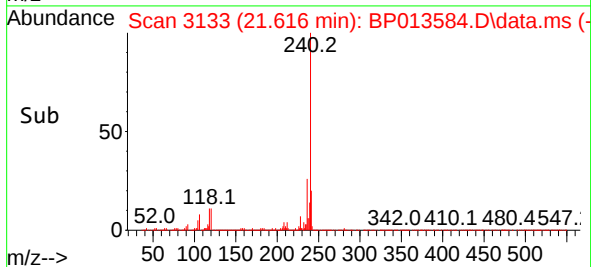
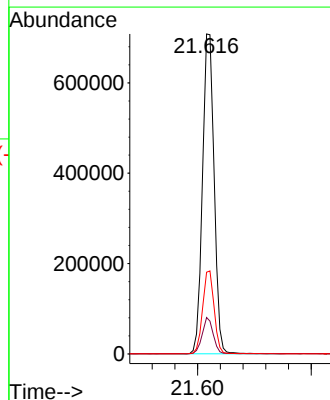
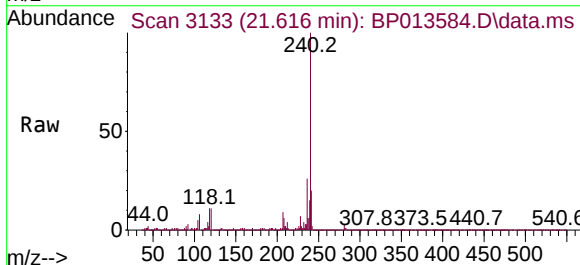
Tgt Ion:240 Resp: 1004639

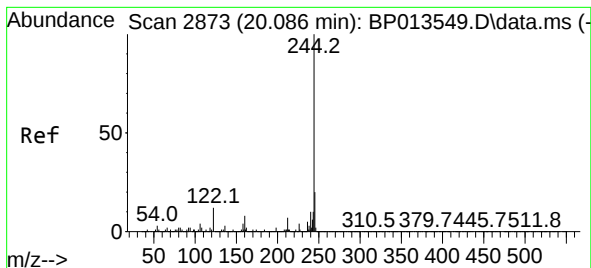
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 65.165 ng

RT: 20.075 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

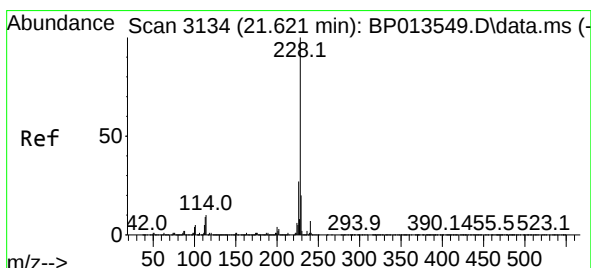
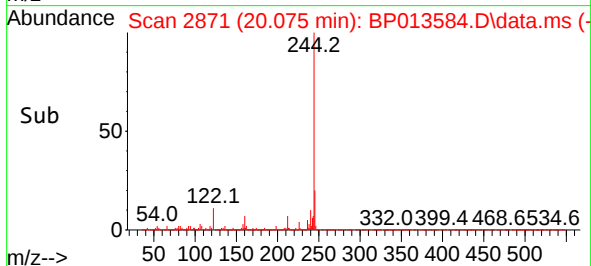
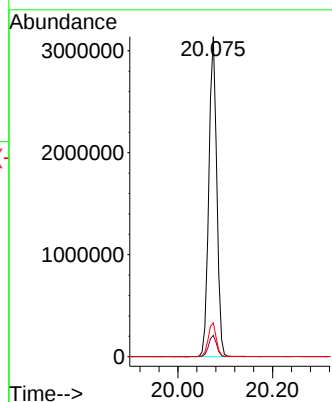
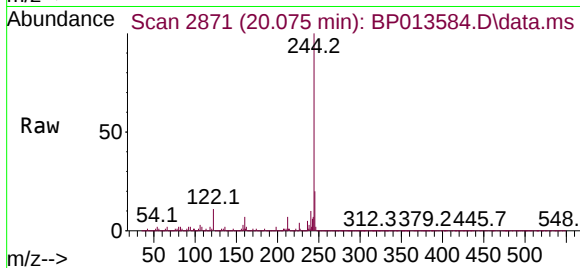
Tgt Ion:244 Resp: 3639080

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.5 9.2 13.8



#81

Benzo(a)anthracene

Concen: 2.618 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

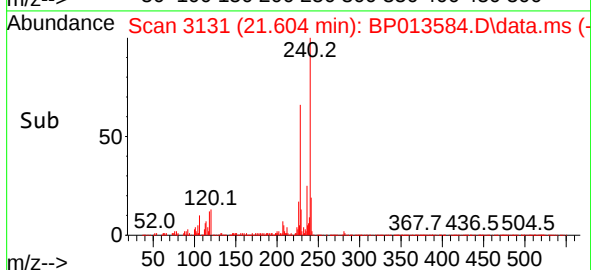
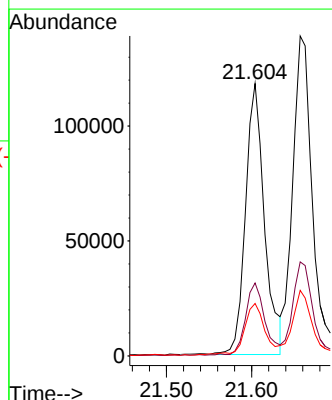
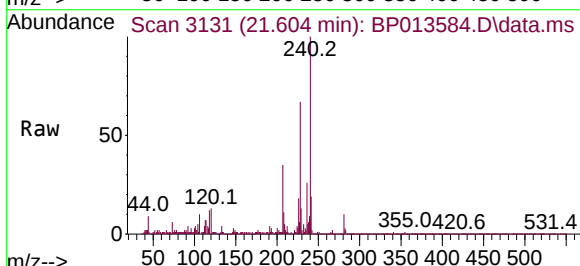
Tgt Ion:228 Resp: 183252

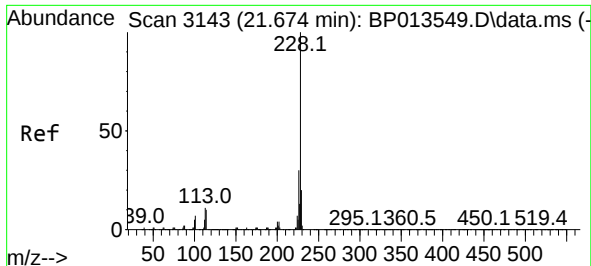
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.2 15.8 23.6

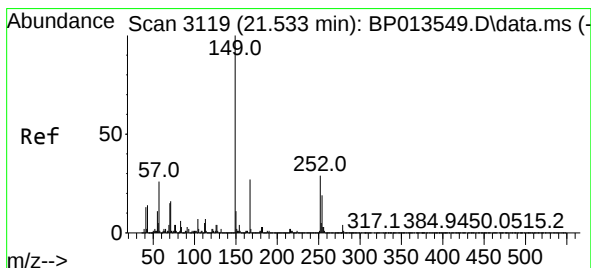
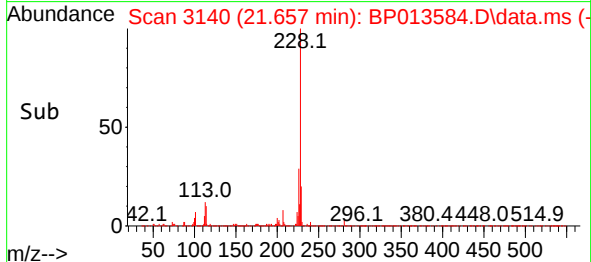
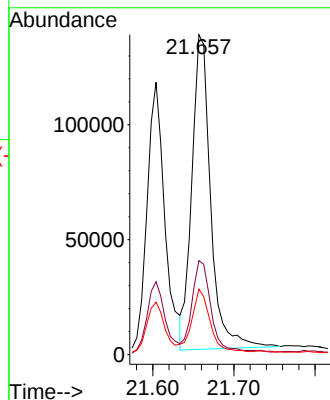
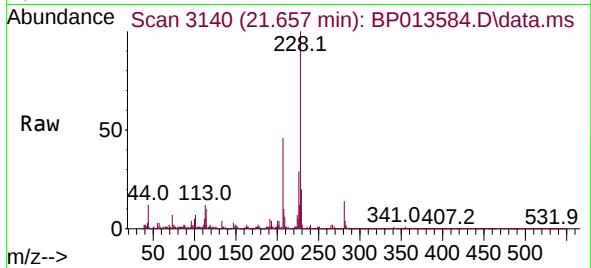




#83
Chrysene
Concen: 3.285 ng
RT: 21.657 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

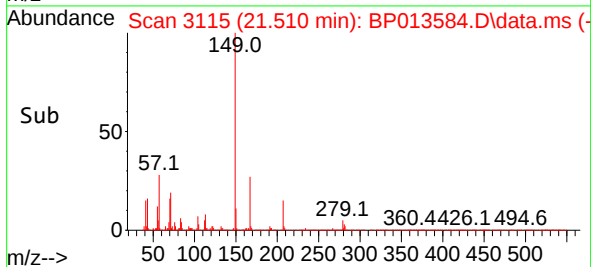
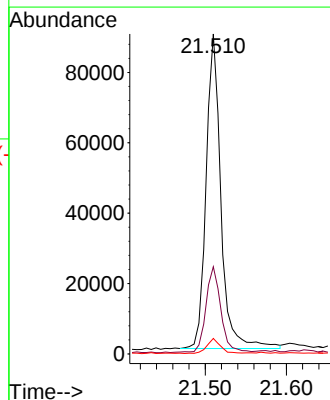
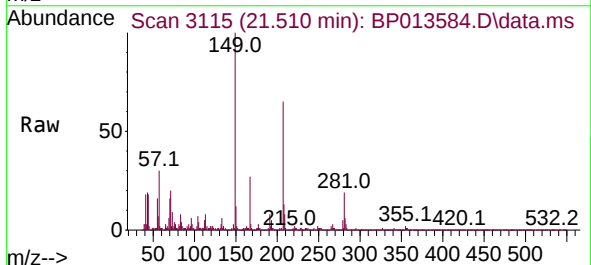
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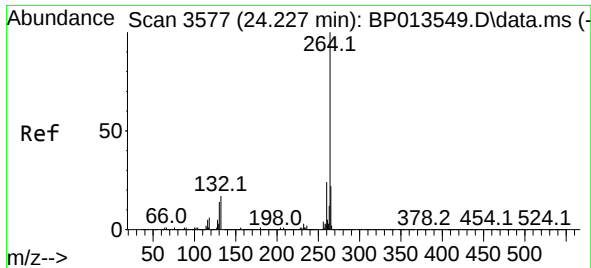
Tgt Ion:228 Resp: 219895
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 20.5 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.908 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:149 Resp: 113817
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.8 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.204 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP013584.D
 Acq: 24 Jan 2023 22:44

Instrument :
 BNA_P
 ClientSampleId :
 WC-17

Tgt Ion:264 Resp: 1335170
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.6 17.4 26.2

