

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
 Data File : BP023591.D
 Acq On : 30 Dec 2024 17:04
 Operator : RC/JU
 Sample : PB165900BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB165900BL

Quant Time: Dec 30 17:37:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 16:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	595440	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	2368454	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	1459490	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2880903	20.000	ng	0.00
76) Chrysene-d12	21.710	240	2971120	20.000	ng	-0.01
86) Perylene-d12	25.139	264	3302464	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	5987601	156.949	ng	0.00
7) Phenol-d6	6.969	99	7444981	143.255	ng	0.00
23) Nitrobenzene-d5	8.952	82	4302799	102.520	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	2467212	146.200	ng	0.00
45) 2-Fluorobiphenyl	13.052	172	9768251	98.220	ng	0.00
79) Terphenyl-d14	19.969	244	15147196	103.696	ng	-0.02

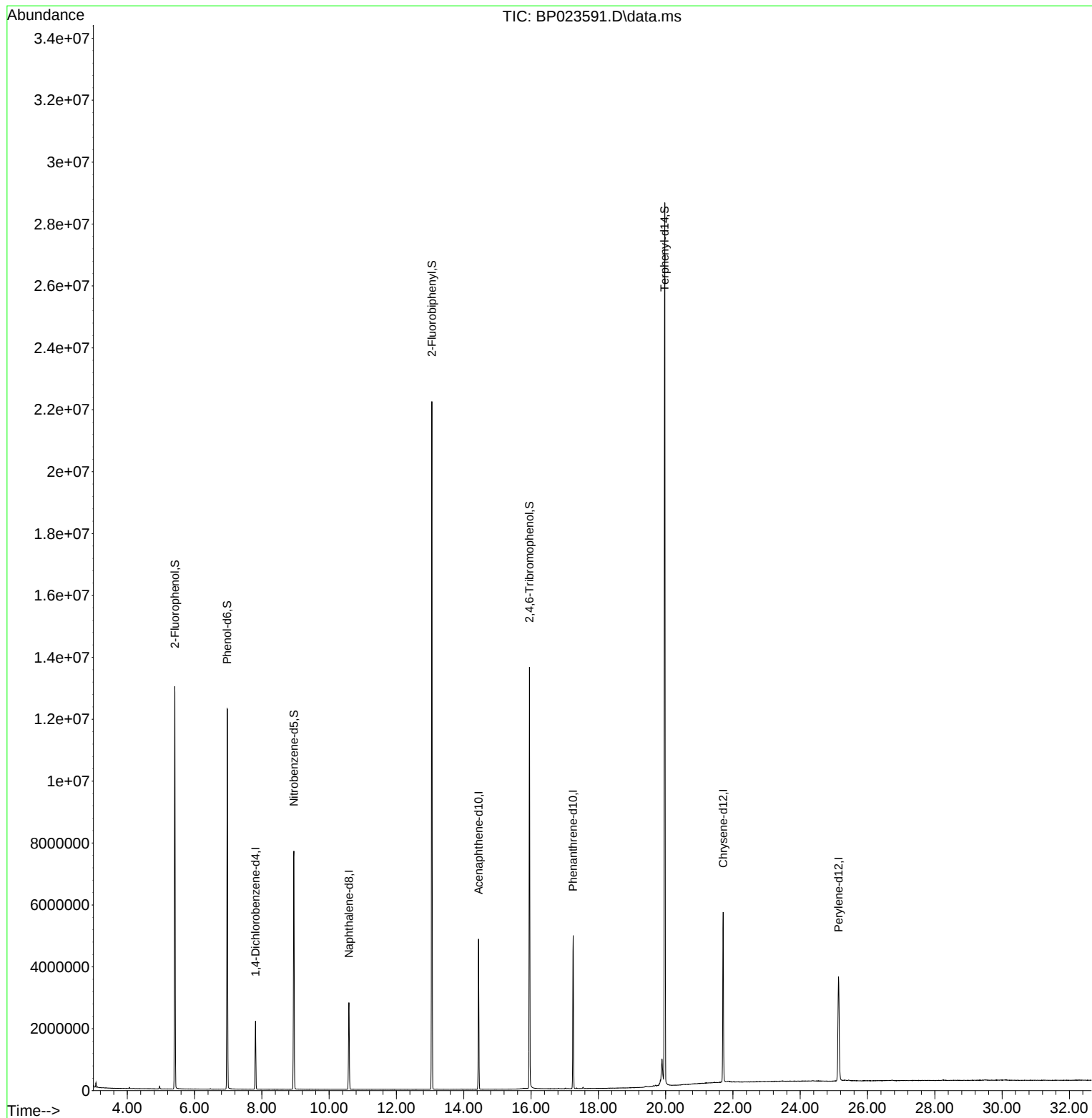
Target Compounds	Qvalue

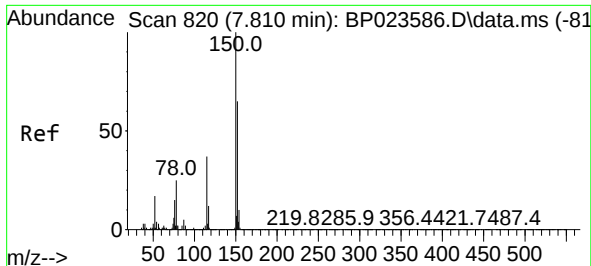
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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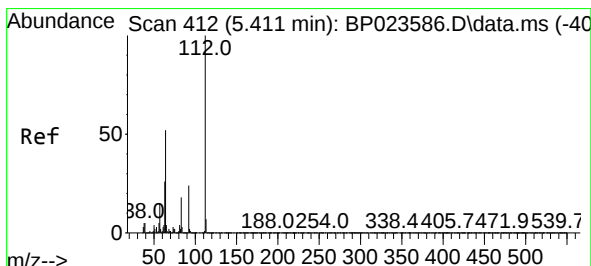
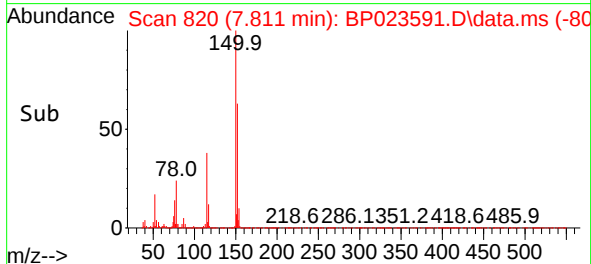
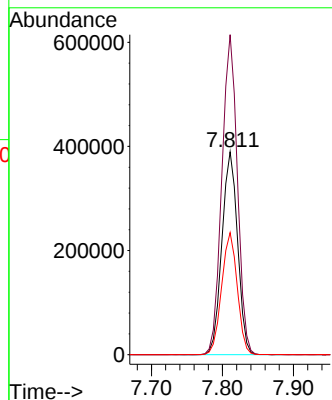
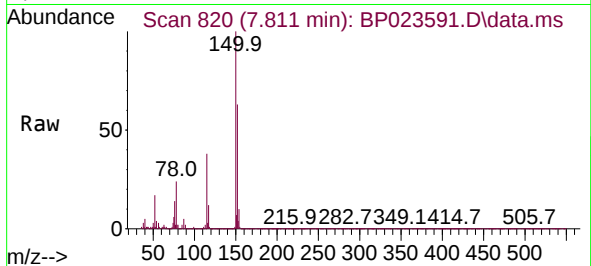




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

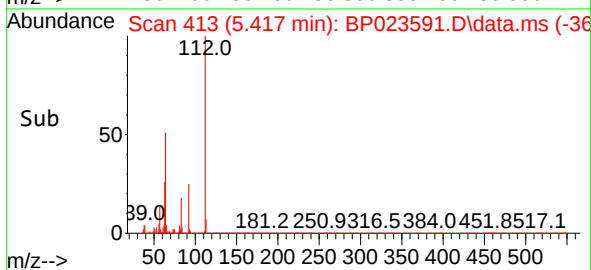
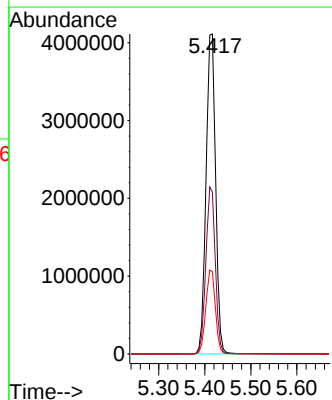
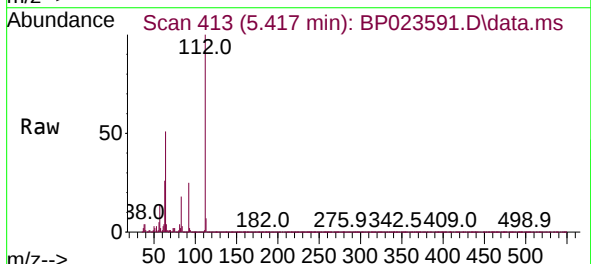
Instrument :
BNA_P
ClientSampleId :
PB165900BL

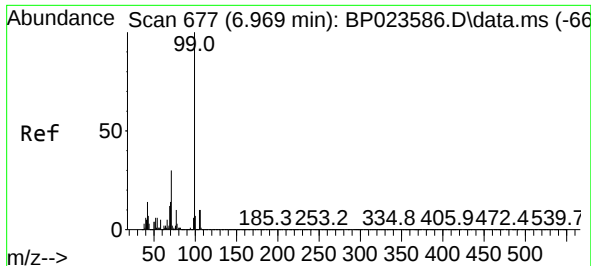
Tgt Ion:152 Resp: 595440
Ion Ratio Lower Upper
152 100
150 157.8 123.4 185.0
115 60.2 46.1 69.1



#5
2-Fluorophenol
Concen: 156.949 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Tgt Ion:112 Resp: 5987601
Ion Ratio Lower Upper
112 100
64 50.6 41.8 62.8
63 25.7 21.2 31.8



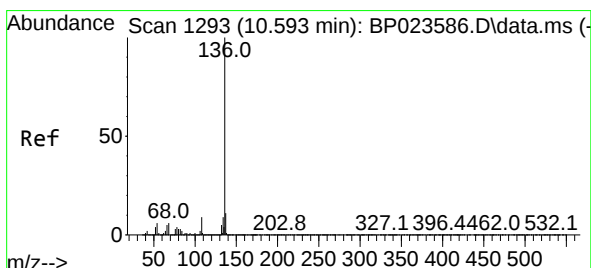
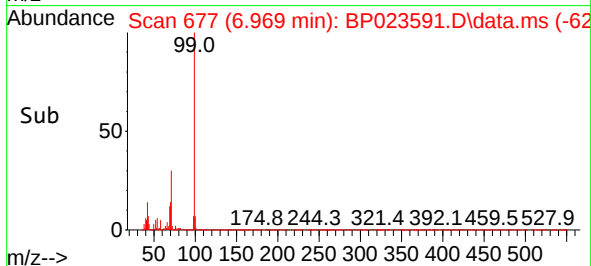
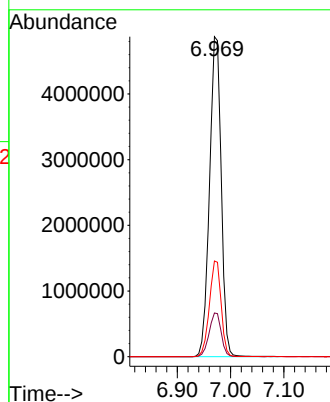
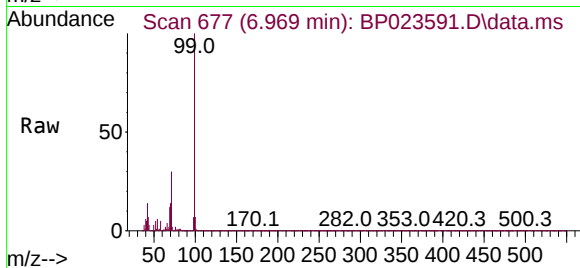


#7
Phenol-d6
Concen: 143.255 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Instrument :
BNA_P
ClientSampleId :
PB165900BL

Tgt Ion: 99 Resp: 7444981

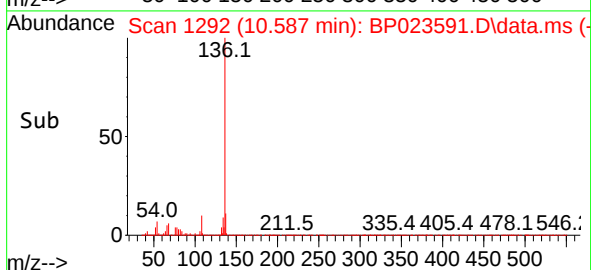
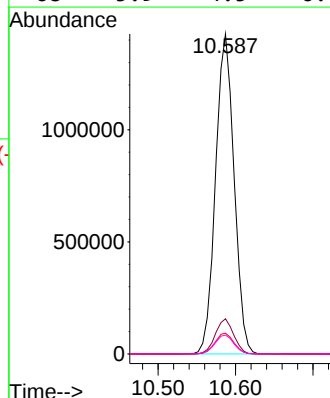
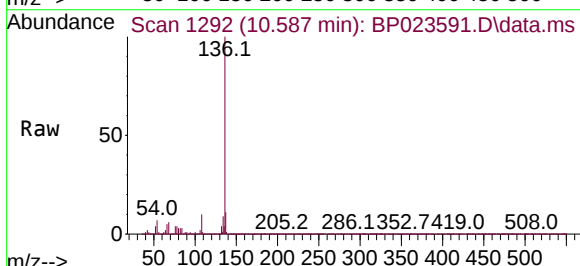
Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.2	16.8
71	29.9	23.8	35.8

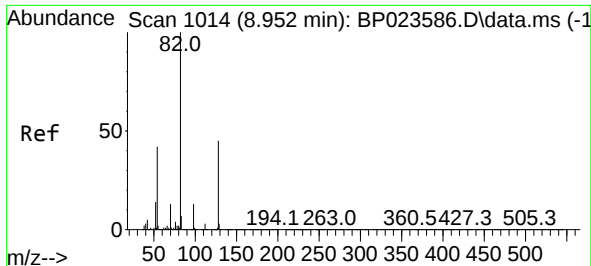


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Tgt Ion: 136 Resp: 2368454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.2	7.8
68	5.9	4.5	6.7

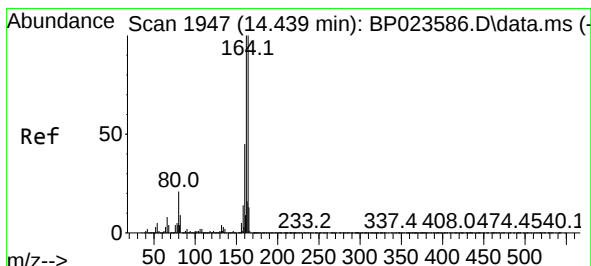
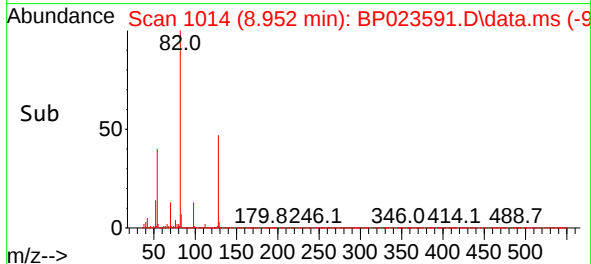
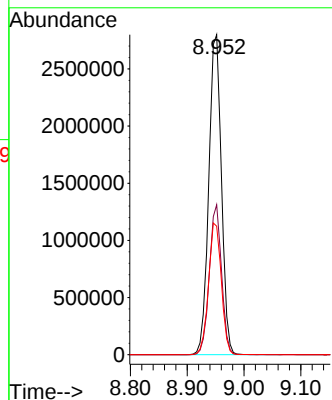
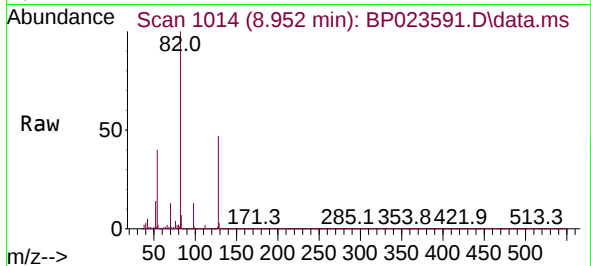




#23
Nitrobenzene-d5
Concen: 102.520 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

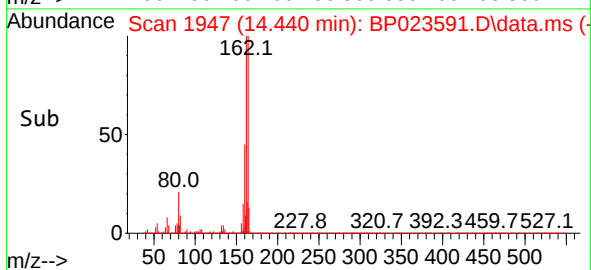
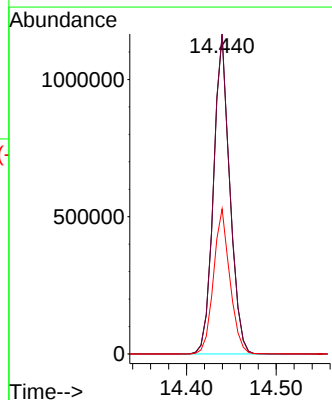
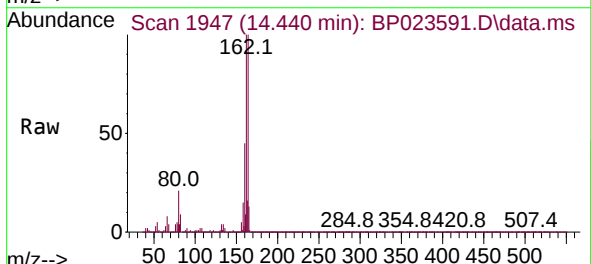
Instrument :
BNA_P
ClientSampleId :
PB165900BL

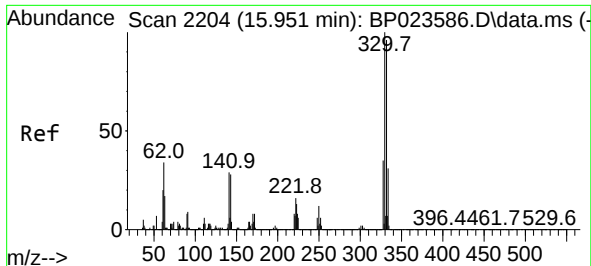
Tgt Ion: 82 Resp: 4302799
Ion Ratio Lower Upper
82 100
128 46.9 36.0 54.0
54 40.1 33.5 50.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Tgt Ion:164 Resp: 1459490
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 45.5 35.8 53.6

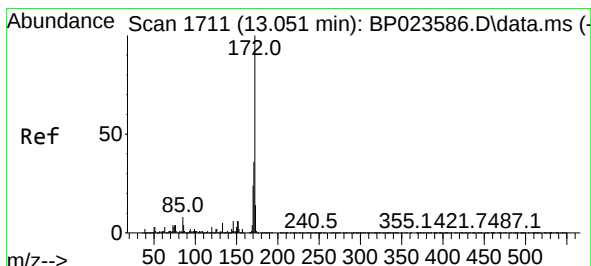
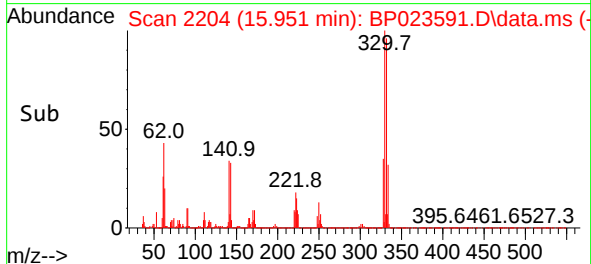
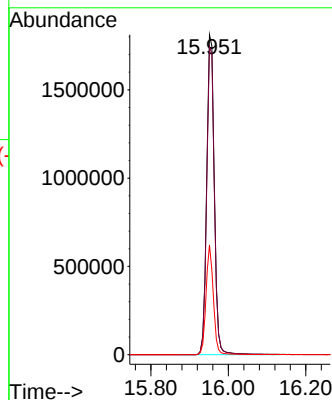
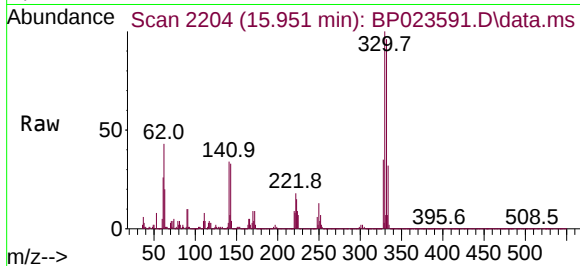




#42
2,4,6-Tribromophenol
Concen: 146.200 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

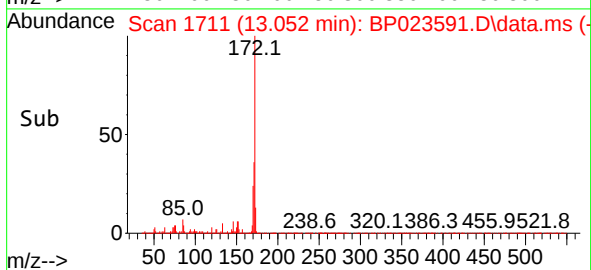
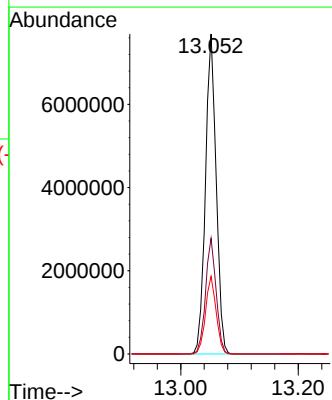
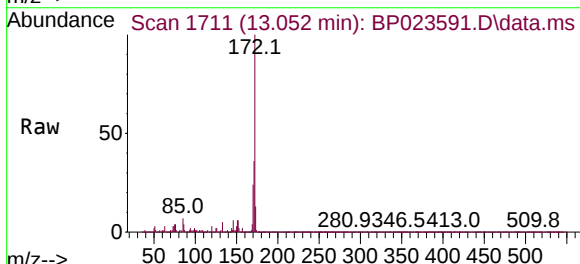
Instrument :
BNA_P
ClientSampleId :
PB165900BL

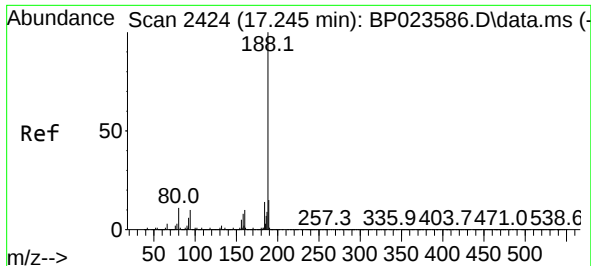
Tgt Ion:330 Resp: 2467212
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 98.220 ng
RT: 13.052 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Tgt Ion:172 Resp: 9768251
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.3 19.4 29.0

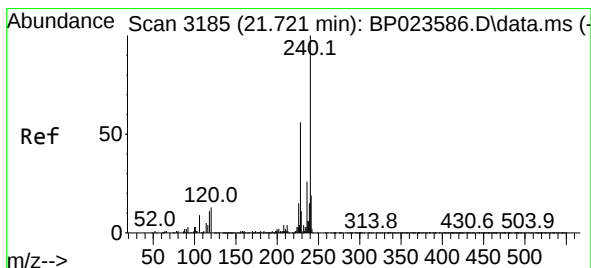
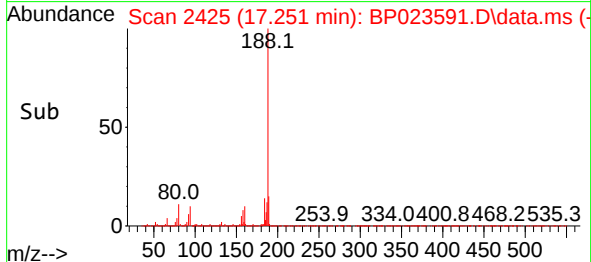
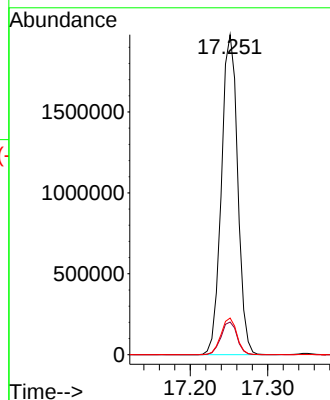
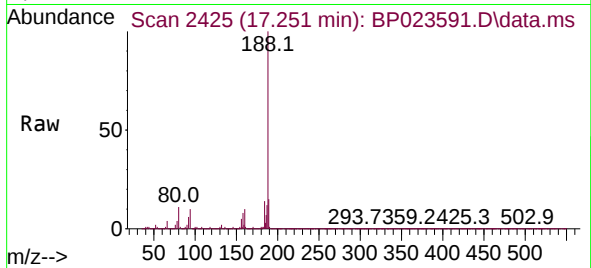




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

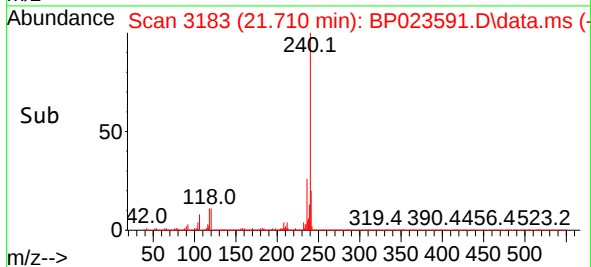
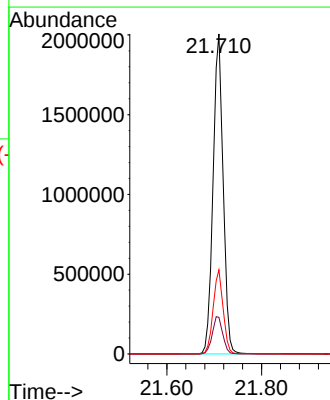
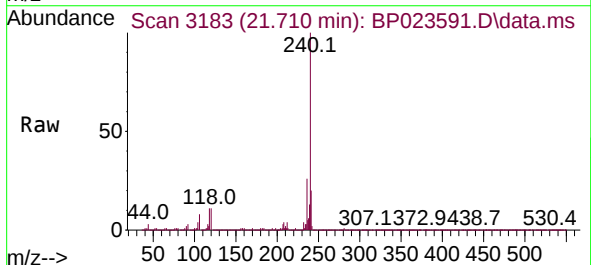
Instrument :
BNA_P
ClientSampleId :
PB165900BL

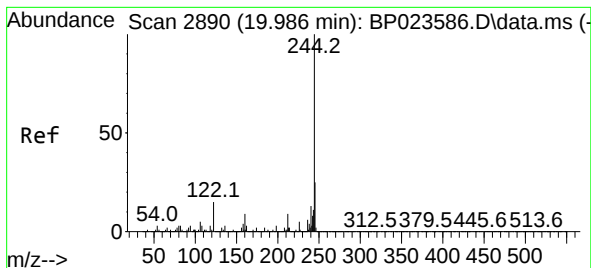
Tgt Ion:188 Resp: 2880903
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.8
80 11.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3183
Delta R.T. -0.012 min
Lab File: BP023591.D
Acq: 30 Dec 2024 17:04

Tgt Ion:240 Resp: 2971120
Ion Ratio Lower Upper
240 100
120 11.5 10.1 15.1
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 103.696 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP023591.D

Acq: 30 Dec 2024 17:04

Instrument :

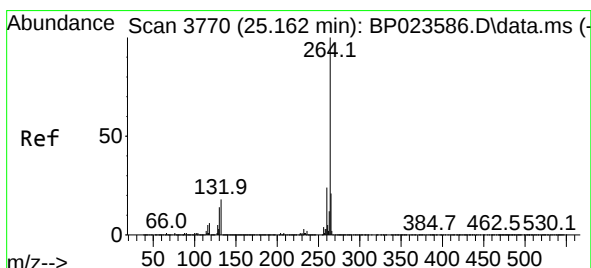
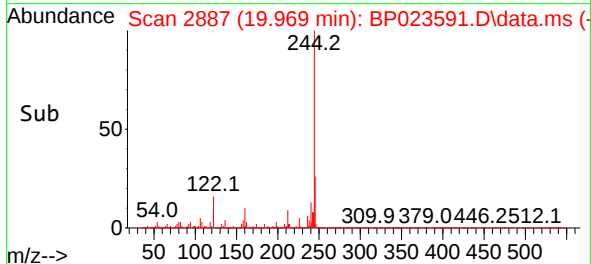
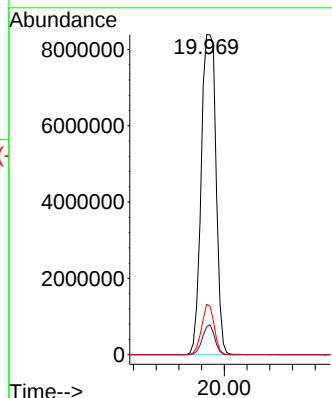
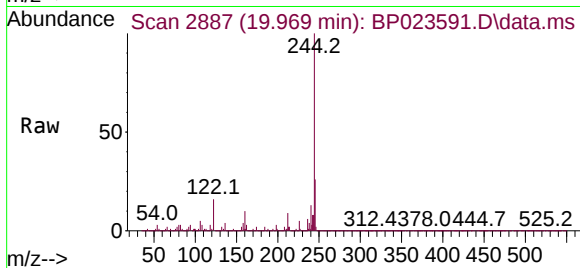
BNA_P

ClientSampleId :

PB165900BL

Tgt Ion:244 Resp:15147196

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	15.7	11.8	17.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.139 min Scan# 3766

Delta R.T. -0.023 min

Lab File: BP023591.D

Acq: 30 Dec 2024 17:04

Tgt Ion:264 Resp: 3302464

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.7	17.0	25.4

