

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
 Data File : BP020434.D
 Acq On : 20 May 2024 21:16
 Operator : MA/JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 21 02:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 21 01:48:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	109215	20.000	ng	0.00
21) Naphthalene-d8	10.363	136	422863	20.000	ng	# 0.00
39) Acenaphthene-d10	14.269	164	280567	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	542967	20.000	ng	0.02
76) Chrysene-d12	21.610	240	379057	20.000	ng	0.01
86) Perylene-d12	24.945	264	400697	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	853942	144.448	ng	0.00
7) Phenol-d6	6.775	99	1093412	132.528	ng	0.00
23) Nitrobenzene-d5	8.751	82	707902	80.547	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	456683	125.394	ng	0.00
45) 2-Fluorobiphenyl	12.857	172	1641605	82.498	ng	0.00
79) Terphenyl-d14	19.868	244	2052961	96.861	ng	0.00

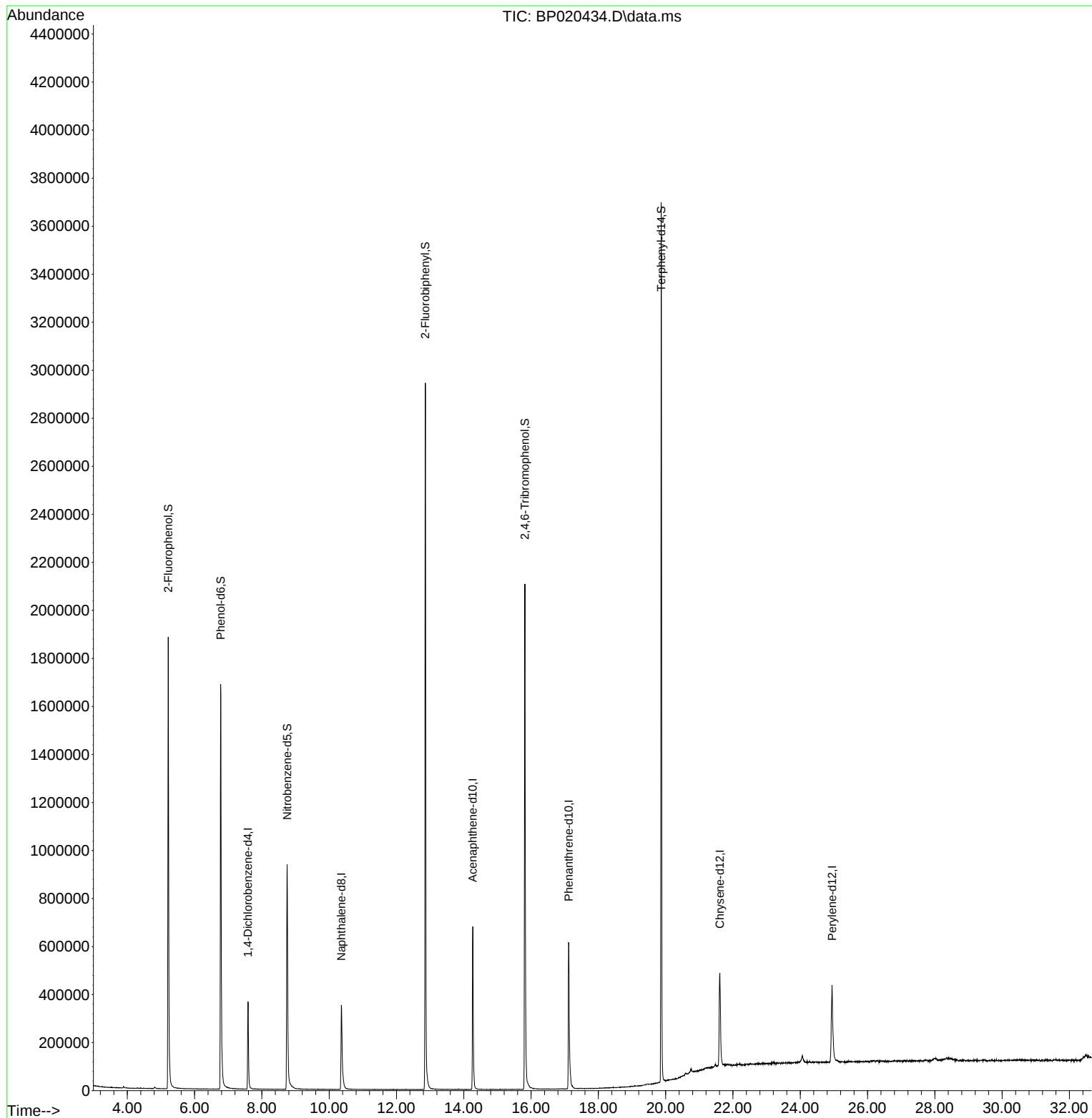
Target Compounds	Qvalue

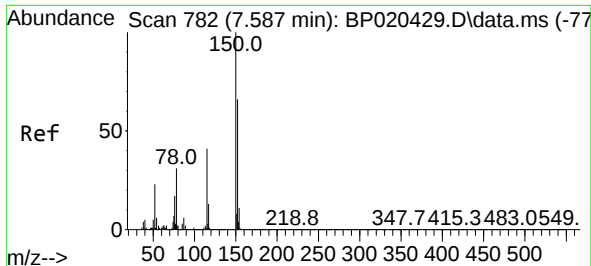
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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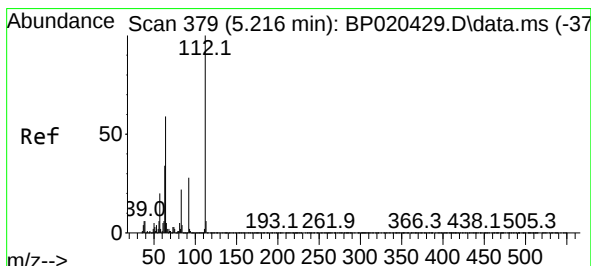
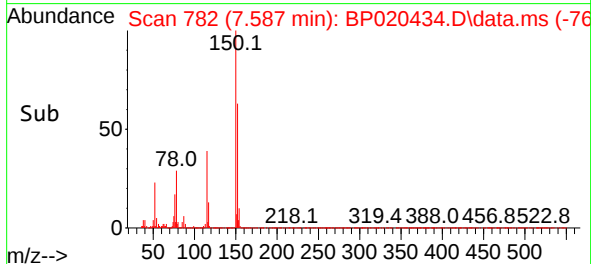
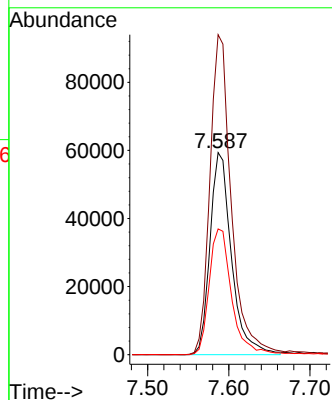
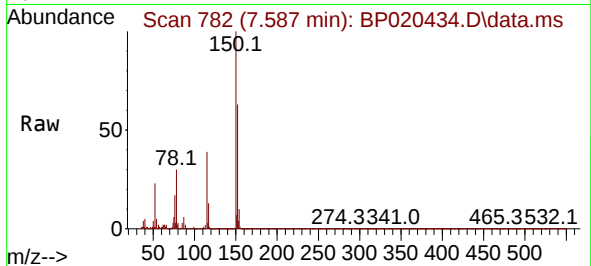




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

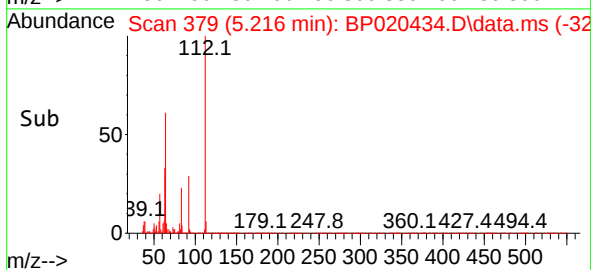
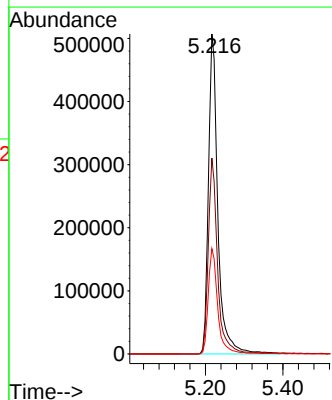
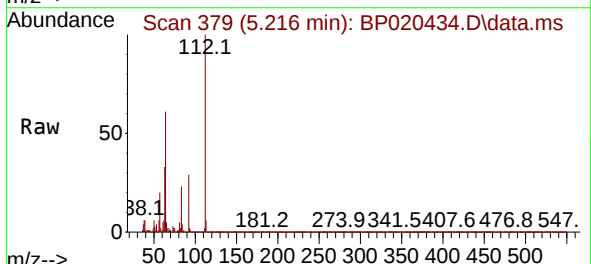
Instrument :
BNA_P
ClientSampleId :
PB160983BL

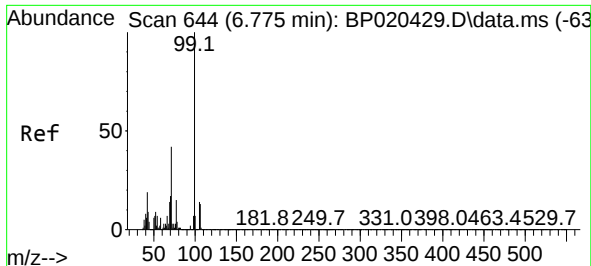
Tgt Ion:152 Resp: 109215
Ion Ratio Lower Upper
152 100
150 158.3 122.2 183.2
115 62.2 49.8 74.8



#5
2-Fluorophenol
Concen: 144.448 ng
RT: 5.216 min Scan# 379
Delta R.T. 0.000 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

Tgt Ion:112 Resp: 853942
Ion Ratio Lower Upper
112 100
64 61.2 47.5 71.3
63 32.9 26.9 40.3



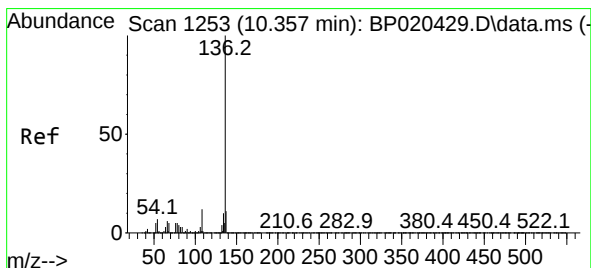
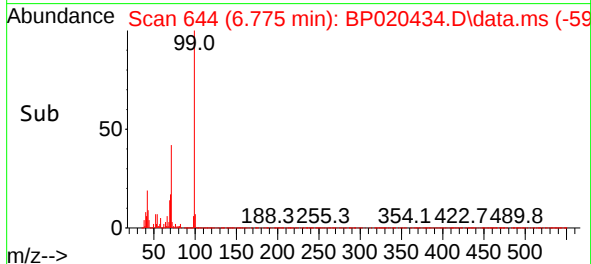
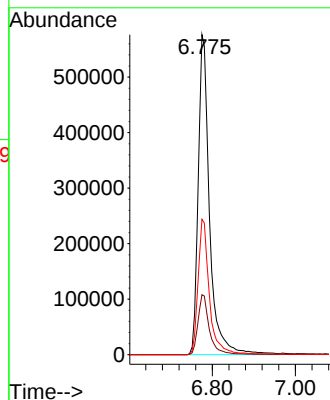
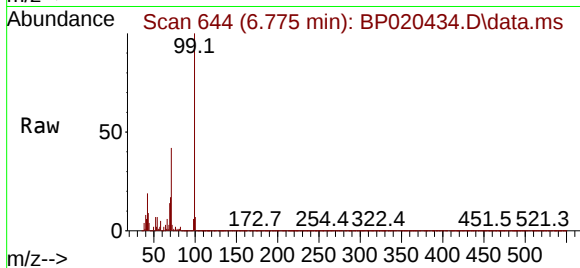


#7
Phenol-d6
Concen: 132.528 ng
RT: 6.775 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

Instrument :
BNA_P
ClientSampleId :
PB160983BL

Tgt Ion: 99 Resp: 1093412

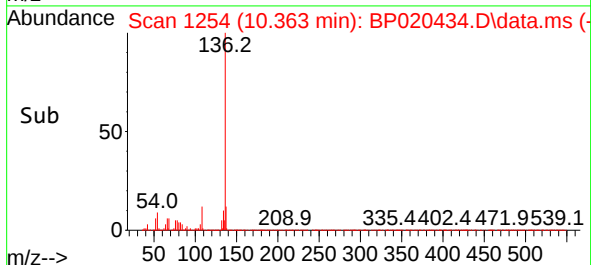
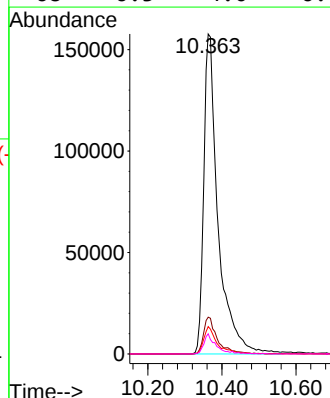
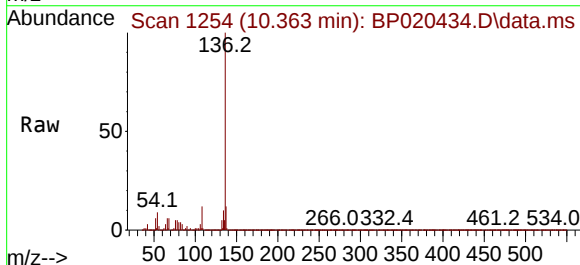
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	42.3	33.9	50.9

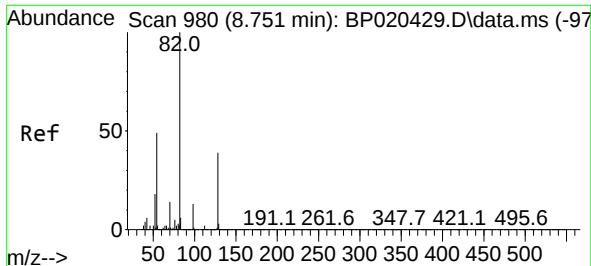


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.363 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

Tgt Ion: 136 Resp: 422863

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.6	6.0	9.0
68	6.3	4.0	6.0

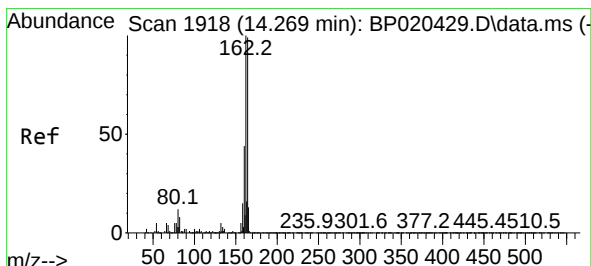
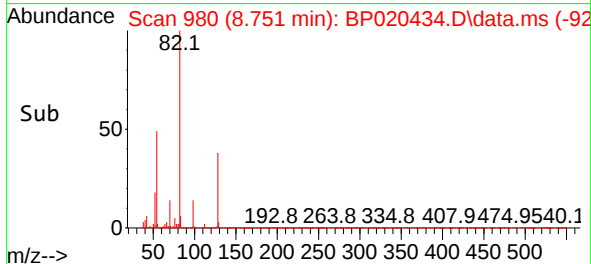
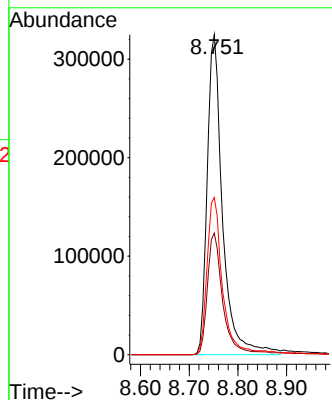
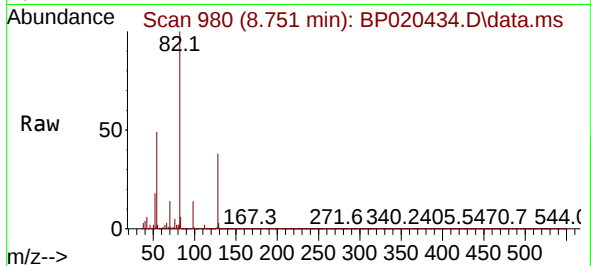




#23
Nitrobenzene-d5
Concen: 80.547 ng
RT: 8.751 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

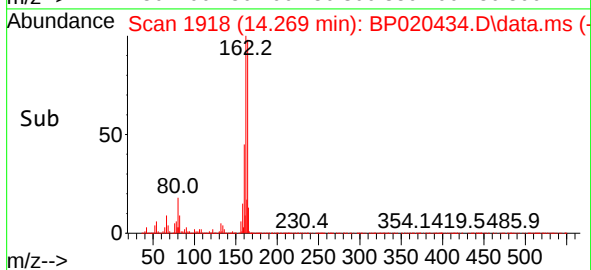
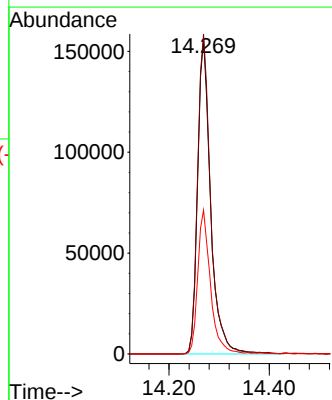
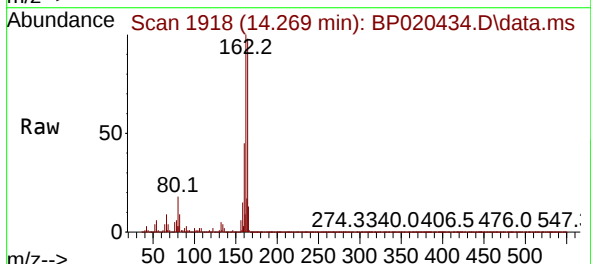
Instrument :
BNA_P
ClientSampleId :
PB160983BL

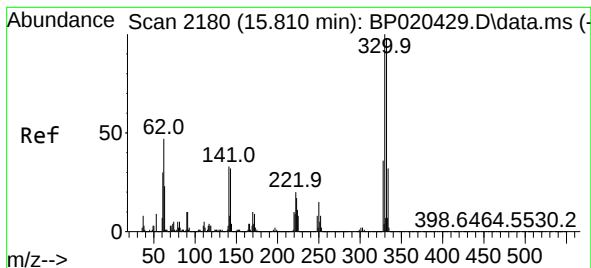
Tgt Ion: 82 Resp: 707902
Ion Ratio Lower Upper
82 100
128 38.0 31.4 47.2
54 49.1 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.269 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP020434.D
Acq: 20 May 2024 21:16

Tgt Ion:164 Resp: 280567
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 45.7 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 125.394 ng

RT: 15.816 min Scan# 2180

Delta R.T. 0.006 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

Instrument :

BNA_P

ClientSampleId :

PB160983BL

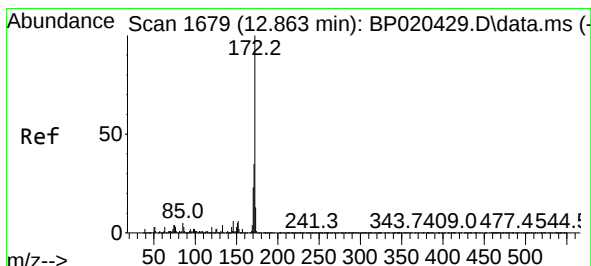
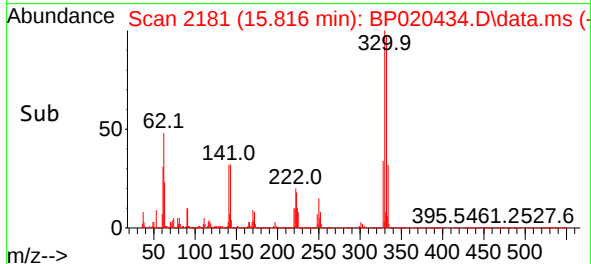
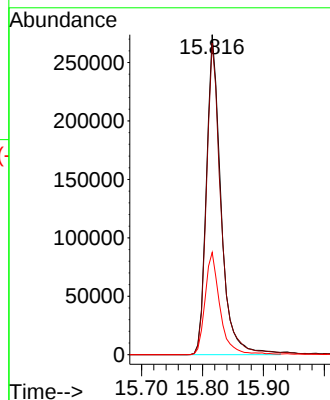
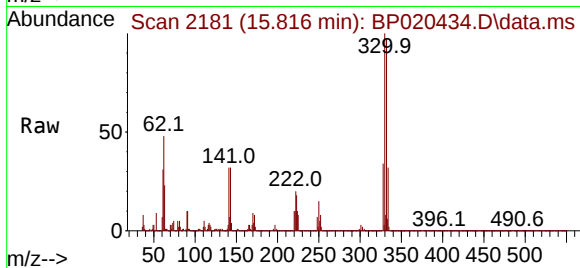
Tgt Ion:330 Resp: 456683

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 32.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 82.498 ng

RT: 12.857 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

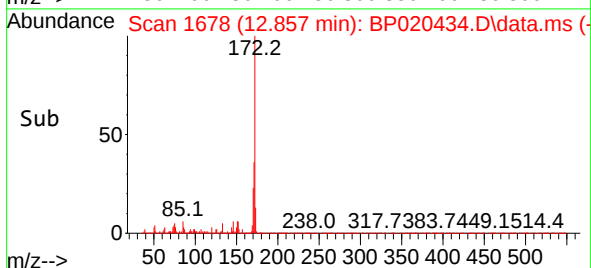
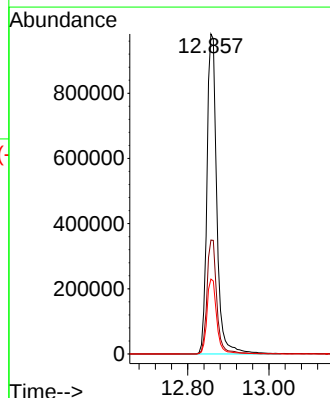
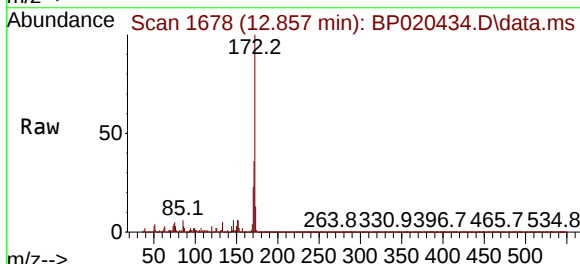
Tgt Ion:172 Resp: 1641605

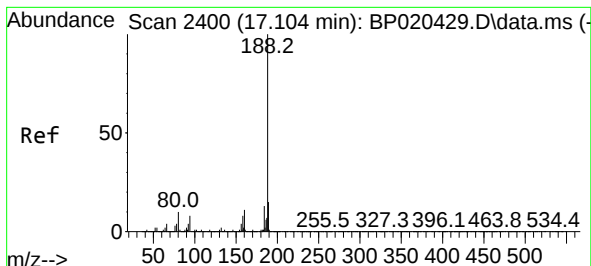
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2403

Delta R.T. 0.018 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

Instrument :

BNA_P

ClientSampleId :

PB160983BL

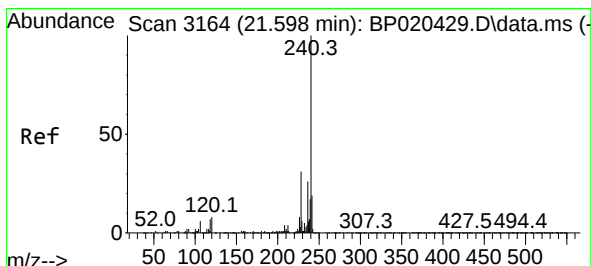
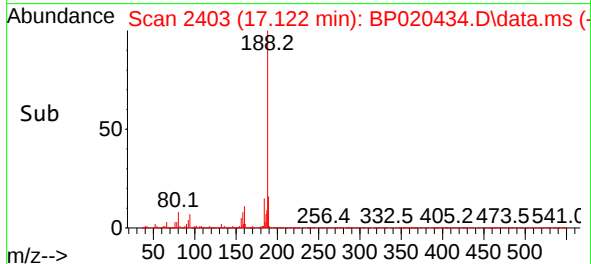
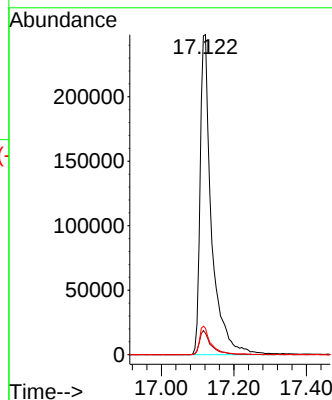
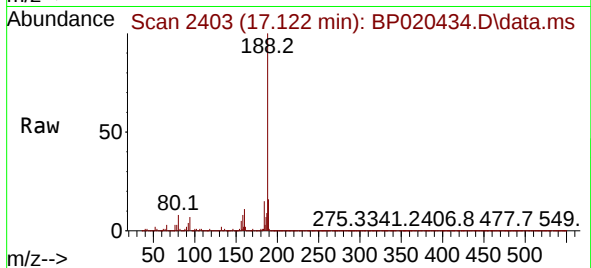
Tgt Ion:188 Resp: 542967

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

80 8.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

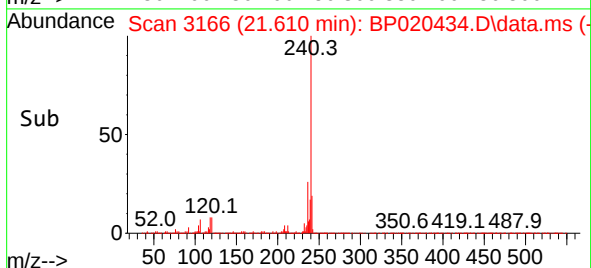
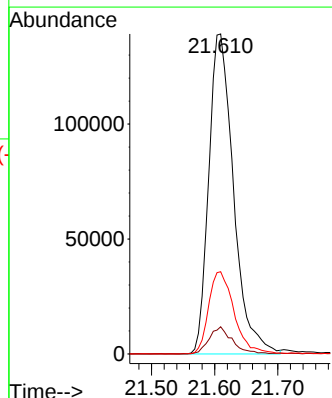
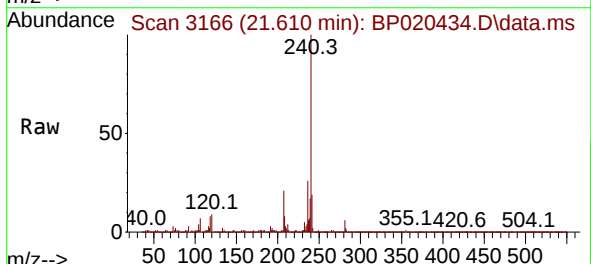
Tgt Ion:240 Resp: 379057

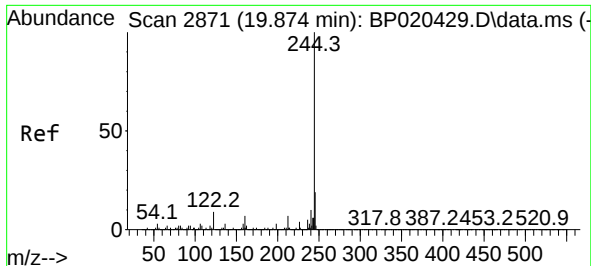
Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.2

236 25.7 20.6 30.8

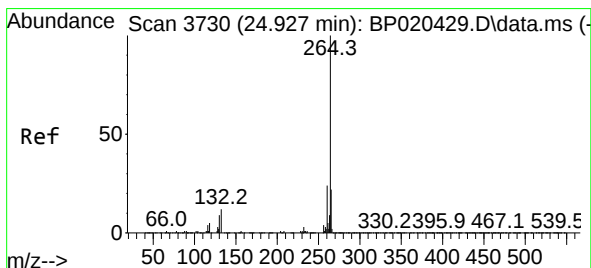
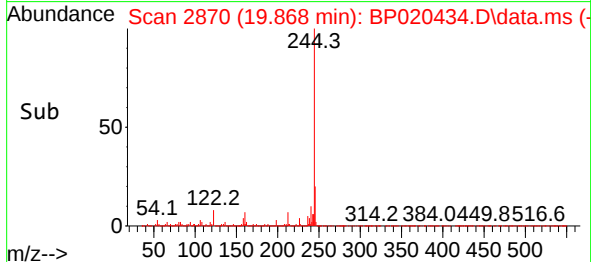
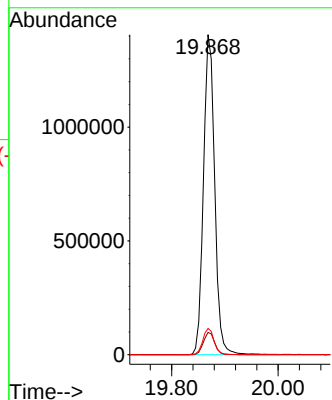
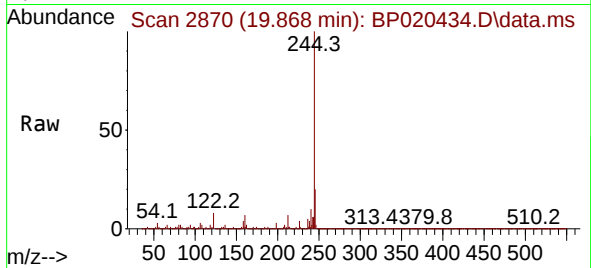




#79
 Terphenyl-d14
 Concen: 96.861 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020434.D
 Acq: 20 May 2024 21:16

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Tgt Ion:244 Resp: 2052961
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.945 min Scan# 3733
 Delta R.T. 0.018 min
 Lab File: BP020434.D
 Acq: 20 May 2024 21:16

Tgt Ion:264 Resp: 400697
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.5 17.7 26.5

