

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
 Data File : BP020478.D
 Acq On : 29 May 2024 19:34
 Operator : MA/JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 30 04:04:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	321347	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1213656	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	664722	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1192871	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1075602	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1420135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2278902	126.974	ng	0.00
7) Phenol-d6	6.928	99	2808507	110.960	ng	0.00
23) Nitrobenzene-d5	8.910	82	1773358	79.985	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	741643	107.507	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3747884	84.051	ng	0.00
79) Terphenyl-d14	19.945	244	4314694	66.779	ng	0.00

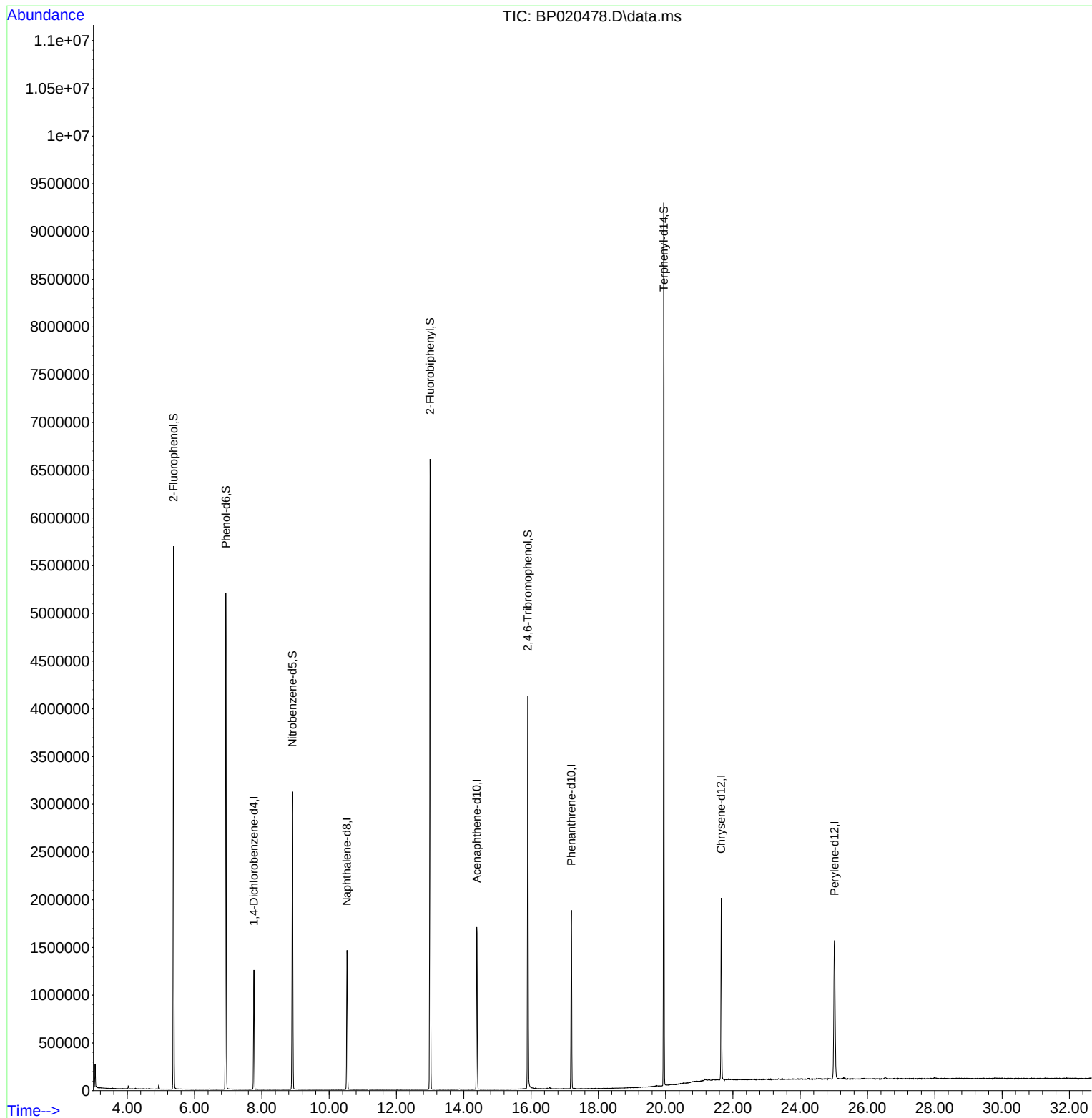
Target Compounds	Qvalue

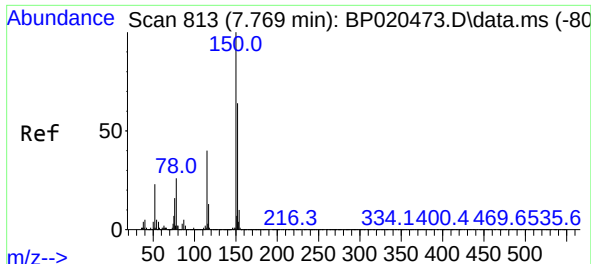
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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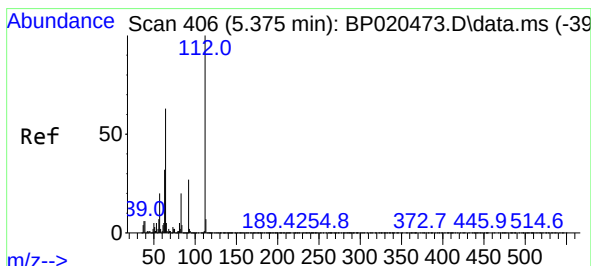
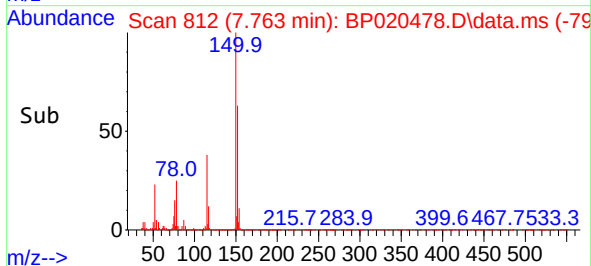
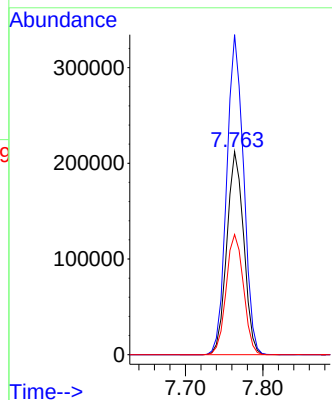
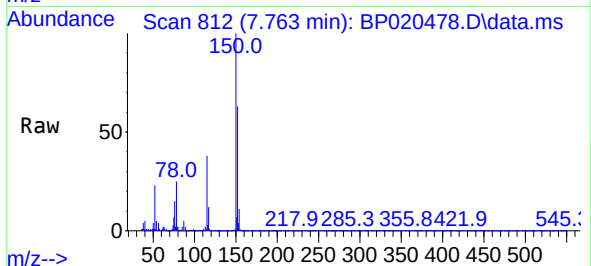




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

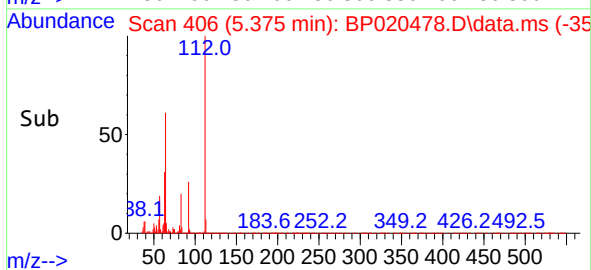
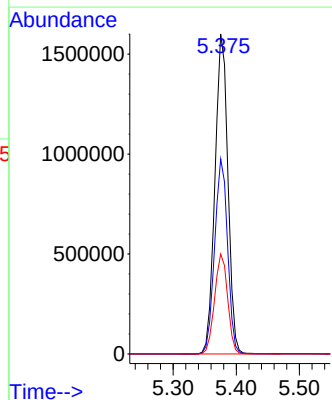
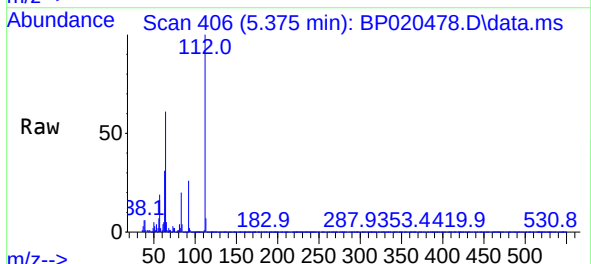
Instrument :
BNA_P
ClientSampleId :
PB160983BL

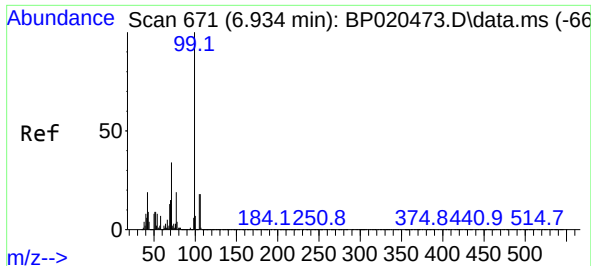
Tgt Ion:152 Resp: 321347
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 126.974 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:112 Resp: 2278902
Ion Ratio Lower Upper
112 100
64 60.9 50.1 75.1
63 31.3 25.7 38.5



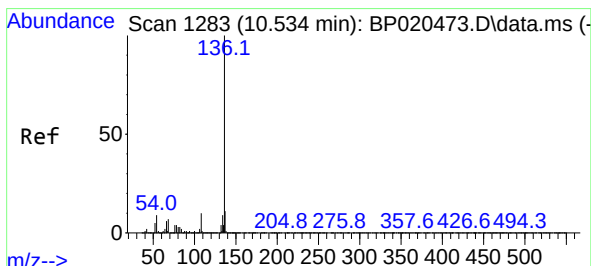
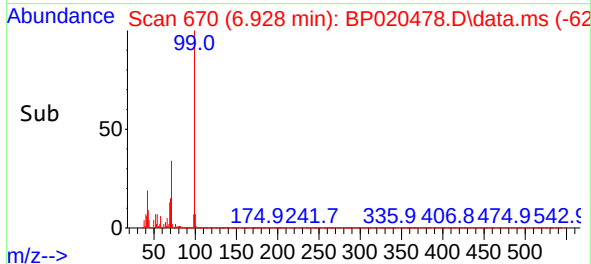
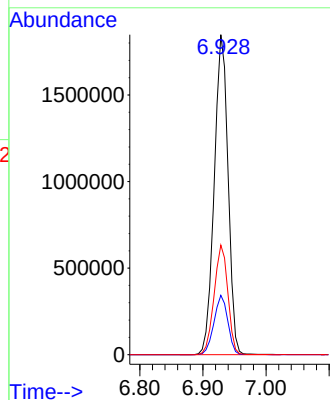
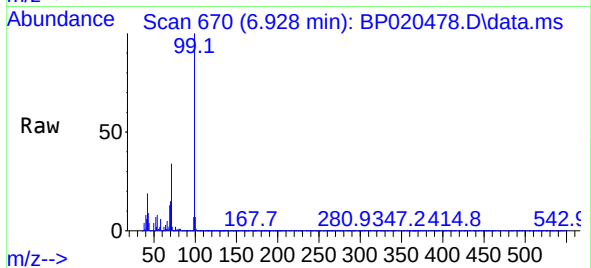


#7
Phenol-d6
Concen: 110.960 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Instrument :
BNA_P
ClientSampleId :
PB160983BL

Tgt Ion: 99 Resp: 2808507

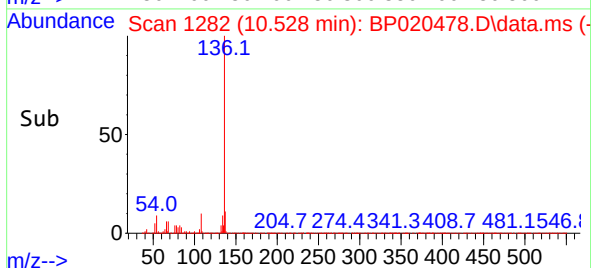
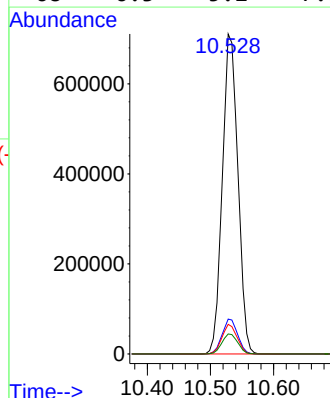
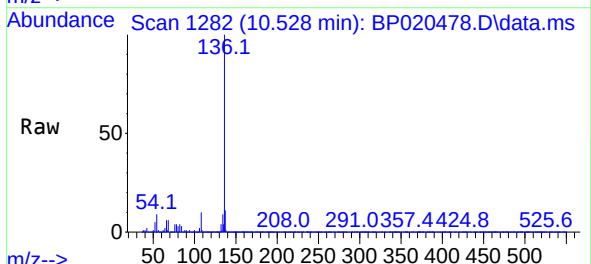
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	34.2	27.3	40.9

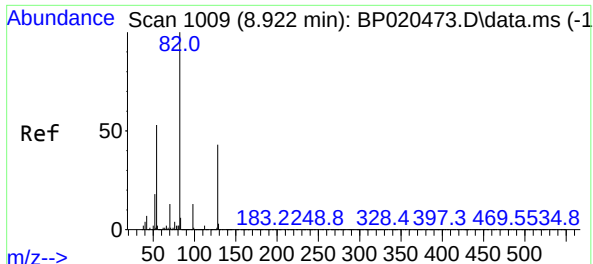


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion: 136 Resp: 1213656

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.2	7.4	11.0
68	6.3	5.2	7.8

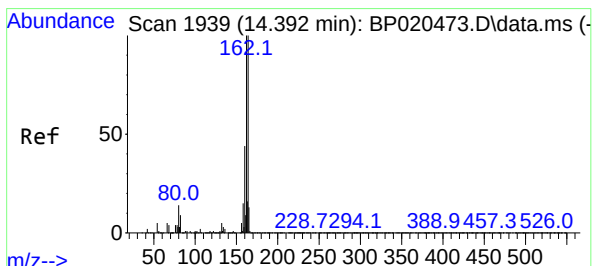
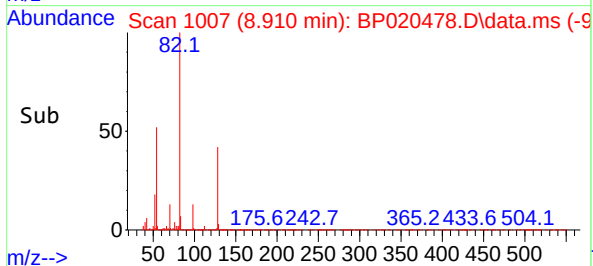
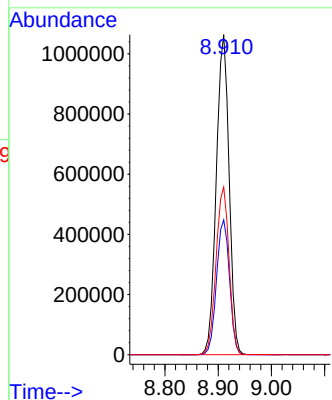
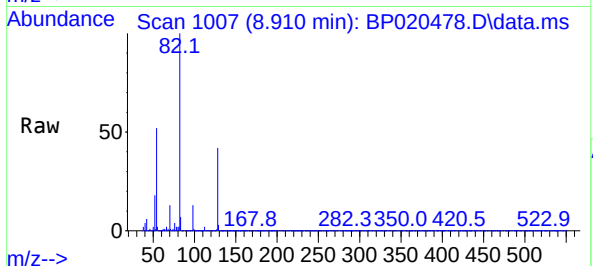




#23
Nitrobenzene-d5
Concen: 79.985 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

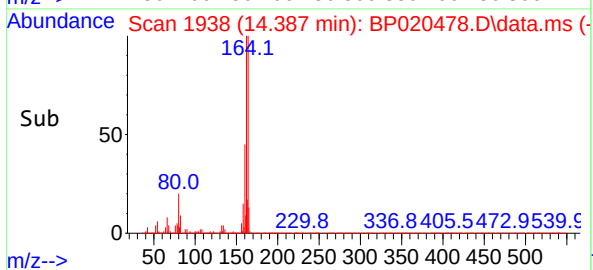
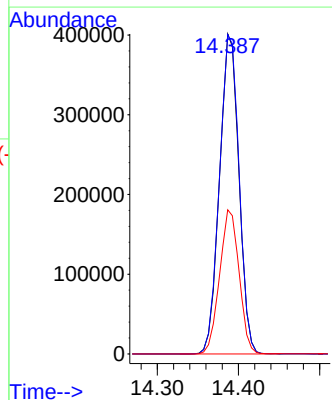
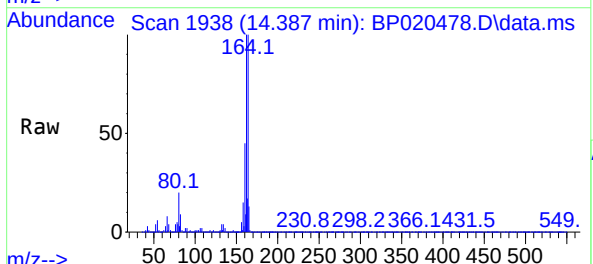
Instrument :
BNA_P
ClientSampleId :
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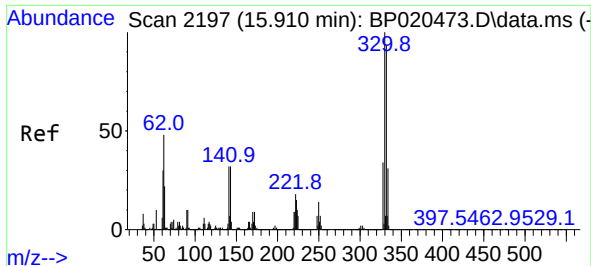
Tgt Ion: 82 Resp: 1773358
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 52.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion: 164 Resp: 664722
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 45.1 35.4 53.2

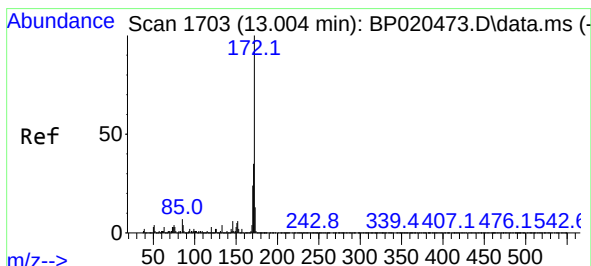
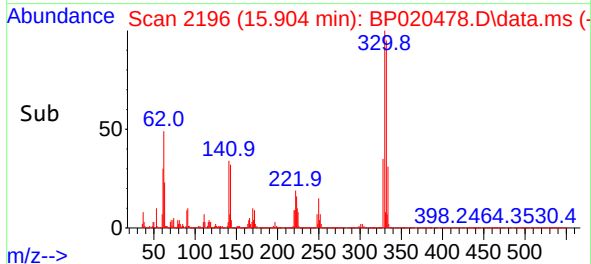
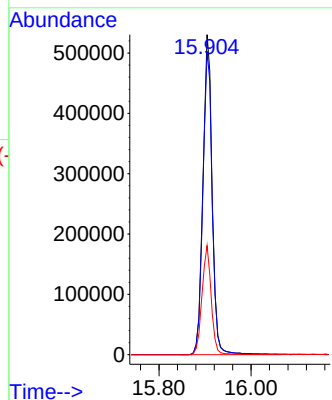
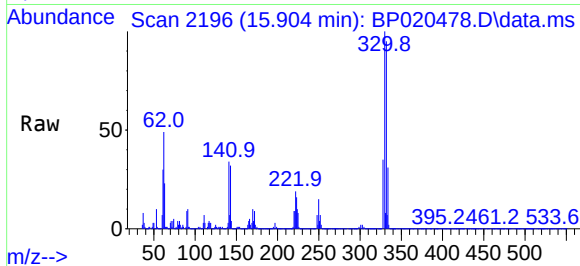




#42
2,4,6-Tribromophenol
Concen: 107.507 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

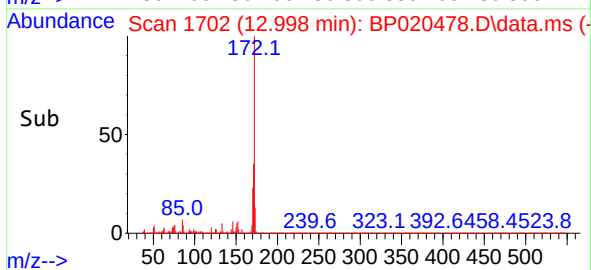
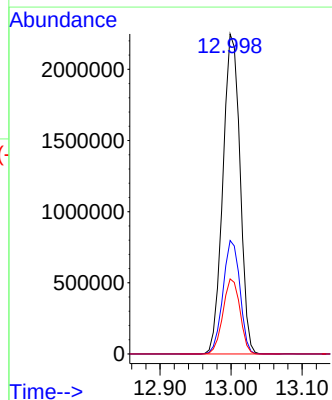
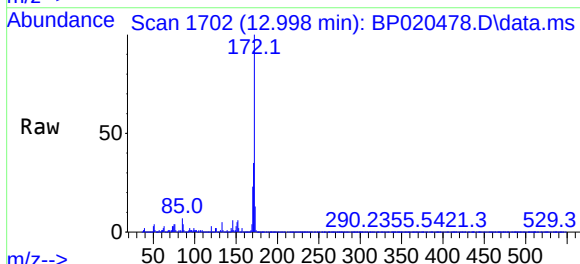
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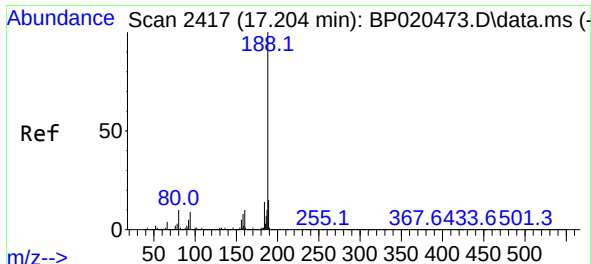
Tgt Ion:330 Resp: 741643
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 34.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 84.051 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:172 Resp: 3747884
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.9 28.3

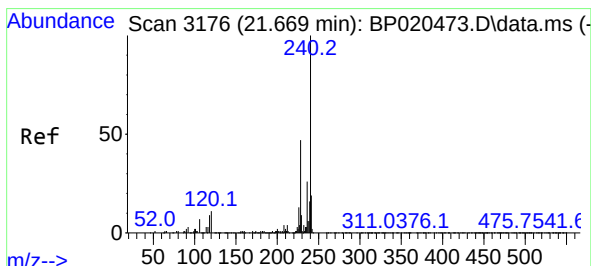
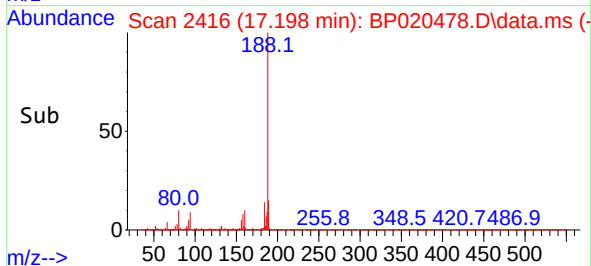
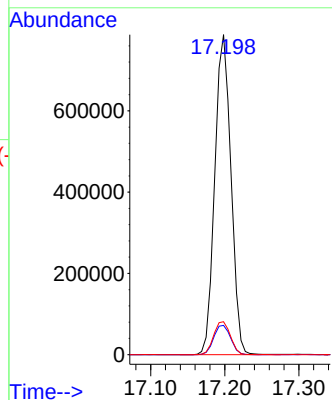
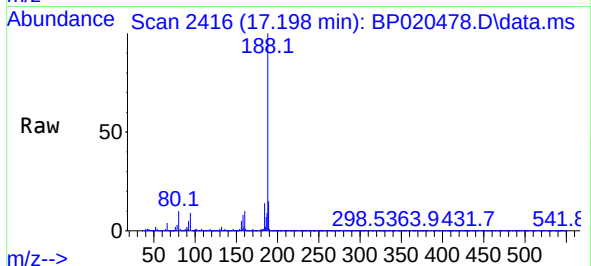




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

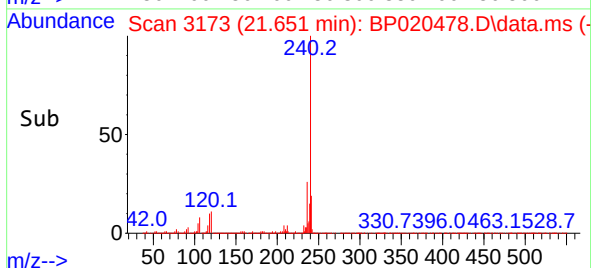
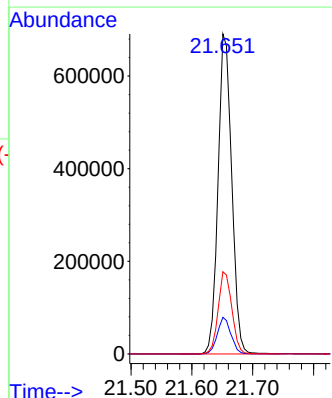
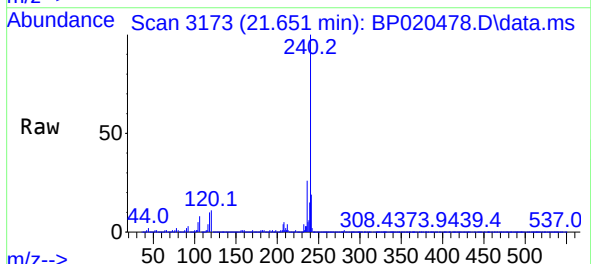
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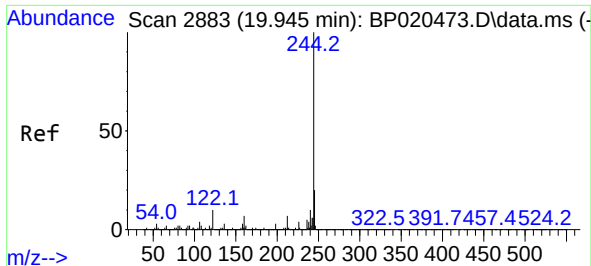
Tgt Ion:188 Resp: 1192871
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020478.D
Acq: 29 May 2024 19:34

Tgt Ion:240 Resp: 1075602
Ion Ratio Lower Upper
240 100
120 11.5 8.5 12.7
236 25.7 20.5 30.7



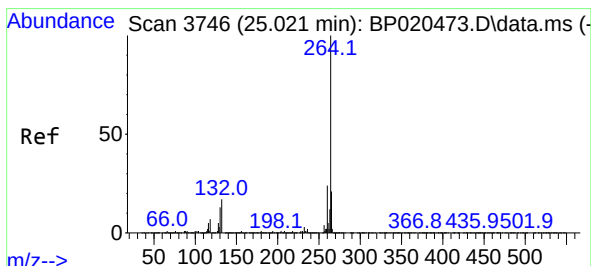
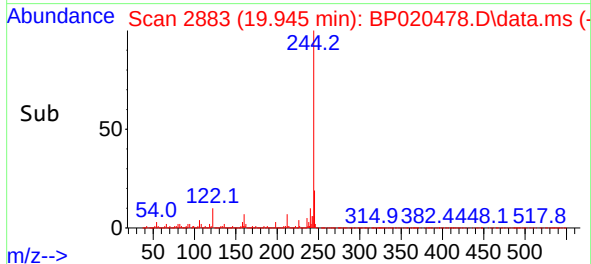
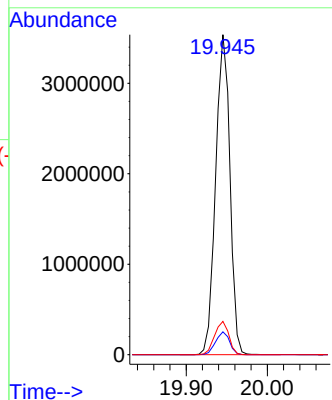
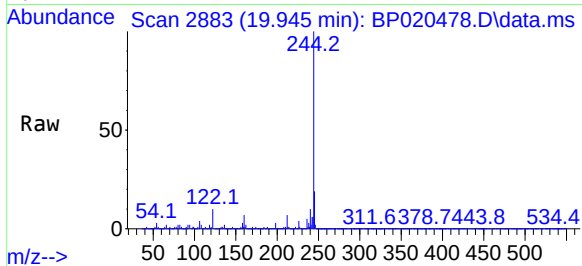


#79
 Terphenyl-d14
 Concen: 66.779 ng
 RT: 19.945 min Scan# 2883
 Delta R.T. 0.000 min
 Lab File: BP020478.D
 Acq: 29 May 2024 19:34

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Tgt Ion:244 Resp: 4314694

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.4	8.2	12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3746
 Delta R.T. 0.000 min
 Lab File: BP020478.D
 Acq: 29 May 2024 19:34

Tgt Ion:264 Resp: 1420135

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.0	17.4	26.0

