

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021529.D
 Acq On : 16 Aug 2024 01:51
 Operator : RC/JU
 Sample : P3598-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-081324-A

Quant Time: Aug 16 02:27:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

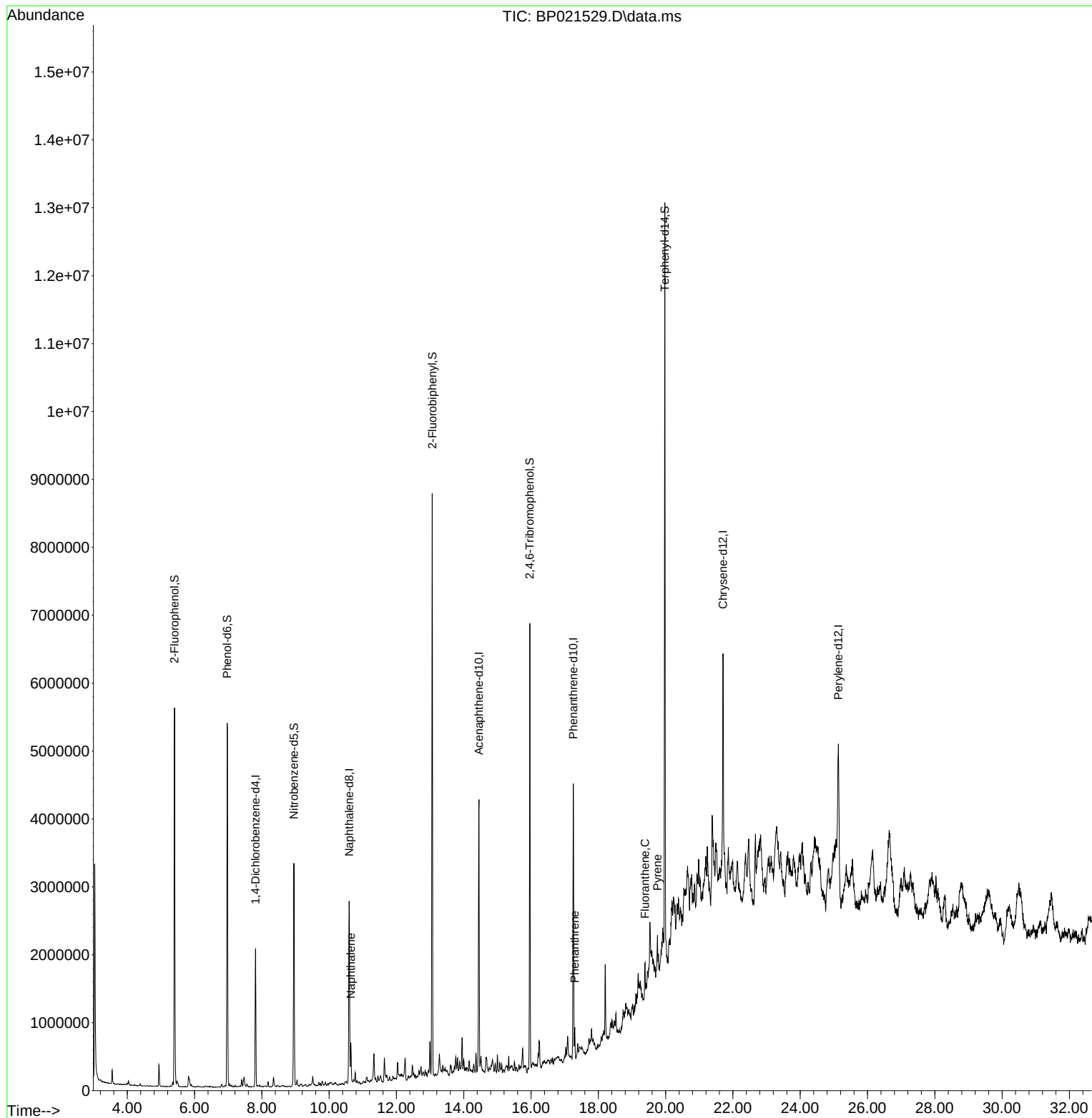
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	536951	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2179717	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1356577	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2581054	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1904340	20.000	ng	0.00
86) Perylene-d12	25.133	264	2245612	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2572647	71.143	ng	0.01
7) Phenol-d6	6.969	99	3571204	67.699	ng	0.00
23) Nitrobenzene-d5	8.952	82	2143983	50.769	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1169723	77.475	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4165429	46.861	ng	0.00
79) Terphenyl-d14	19.975	244	5068754	51.709	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.646	128	462012	4.057	ng	99
71) Phenanthrene	17.298	178	261986	2.111	ng	99
75) Fluoranthene	19.386	202	310133	2.036	ng	96
78) Pyrene	19.757	202	327854	2.634	ng	97

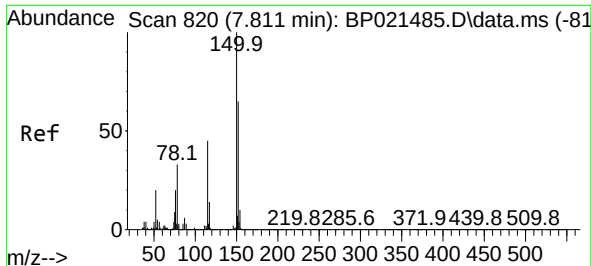
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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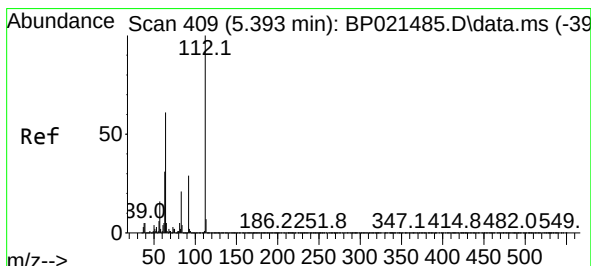
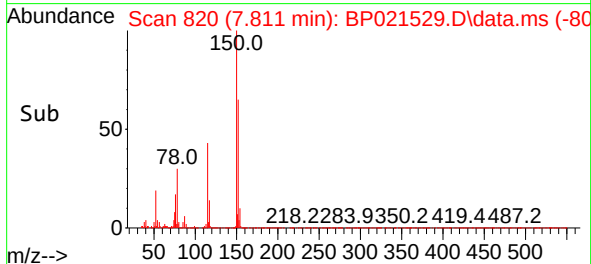
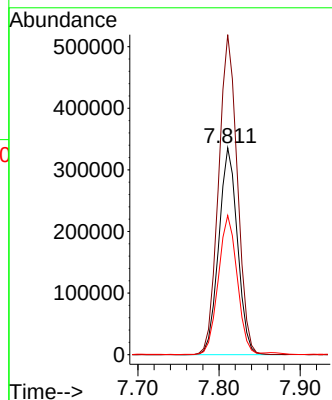
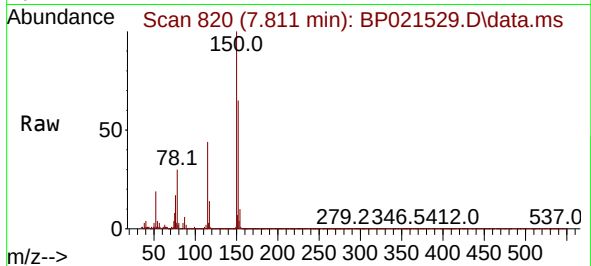




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

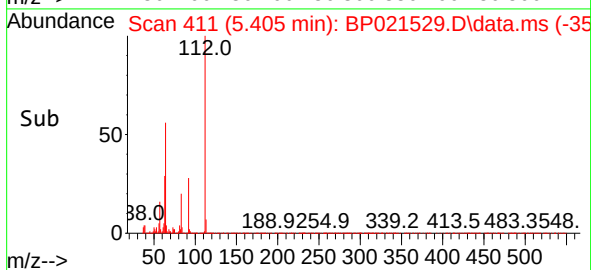
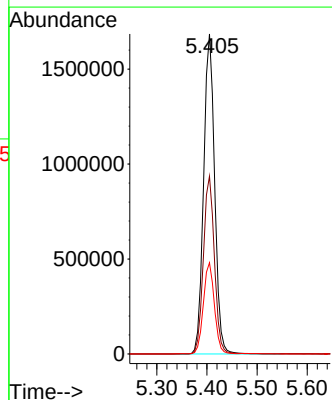
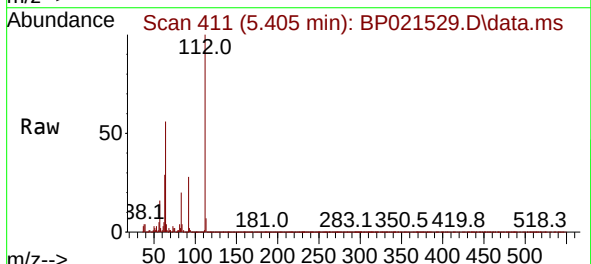
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

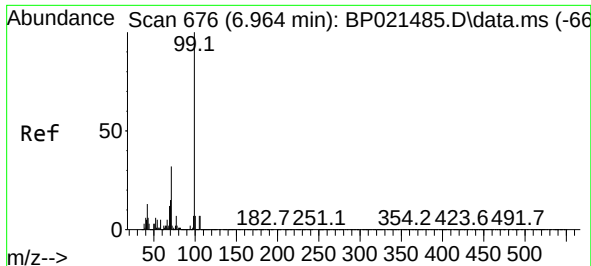
Tgt Ion:152 Resp: 536951
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 67.3 54.7 82.1



#5
2-Fluorophenol
Concen: 71.143 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:112 Resp: 2572647
Ion Ratio Lower Upper
112 100
64 55.5 49.0 73.6
63 28.5 24.6 36.8

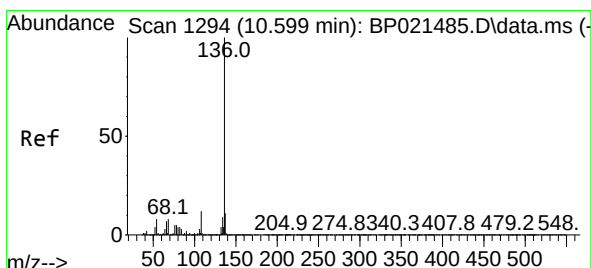
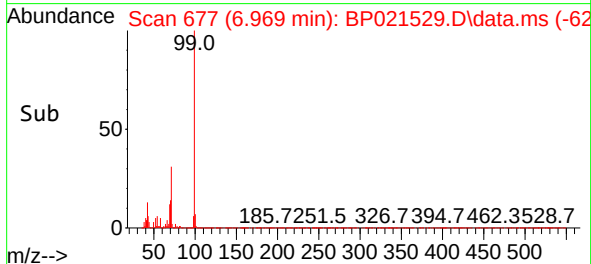
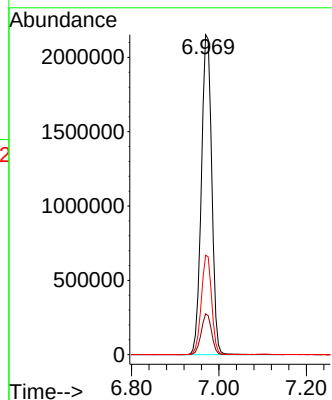
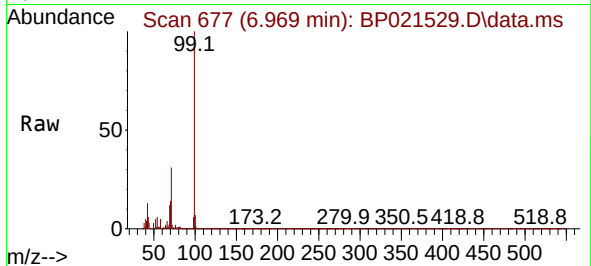




#7
Phenol-d6
Concen: 67.699 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

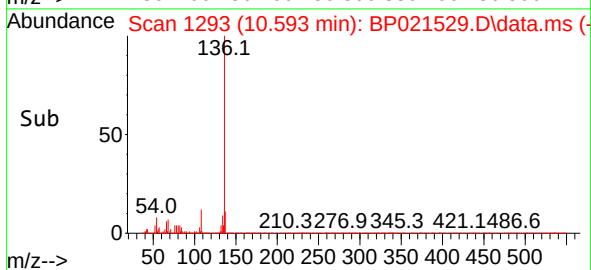
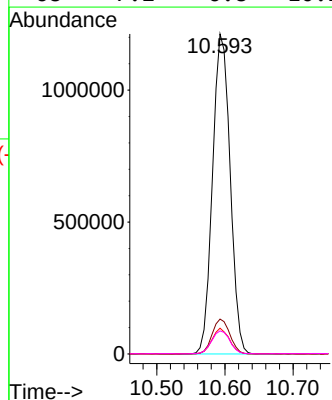
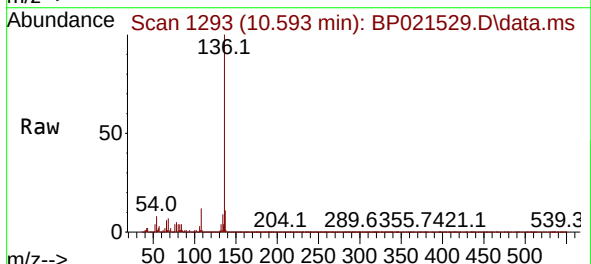
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

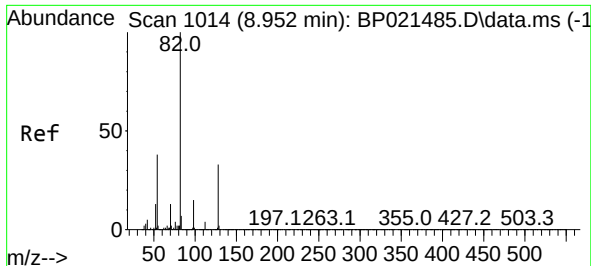
Tgt Ion: 99 Resp: 3571204
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion: 136 Resp: 2179717
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.3 9.5
68 7.2 6.8 10.2

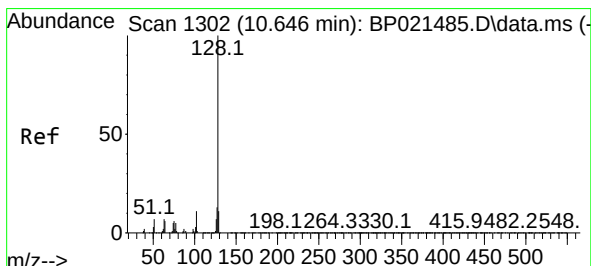
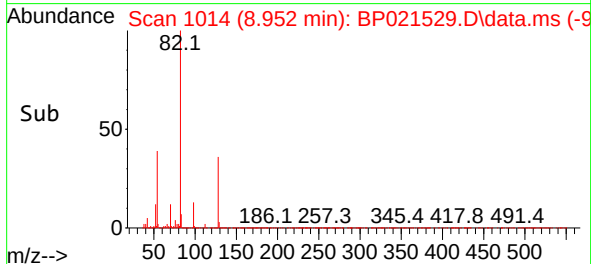
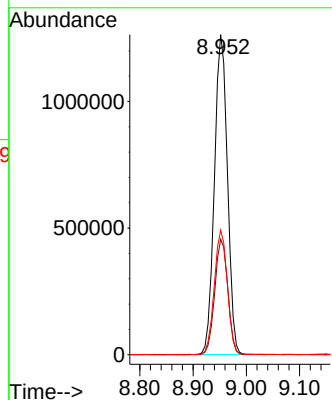
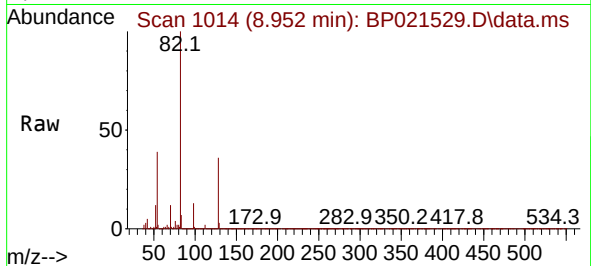




#23
Nitrobenzene-d5
Concen: 50.769 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

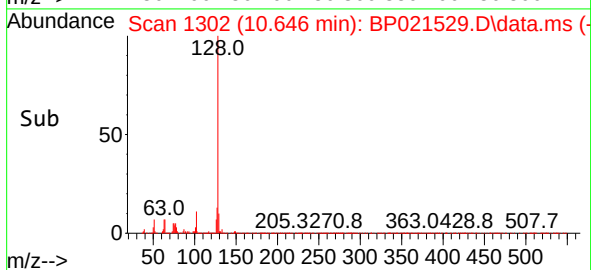
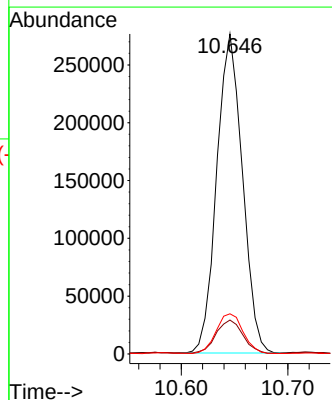
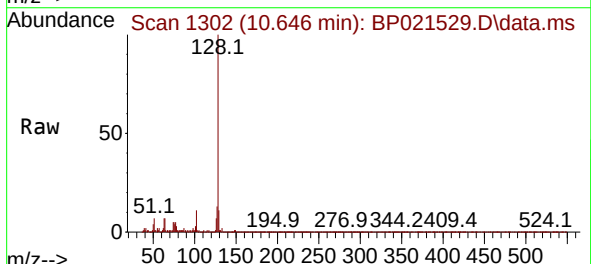
Instrument :
BNA_P
ClientSampleId :
JC-03-081324-A

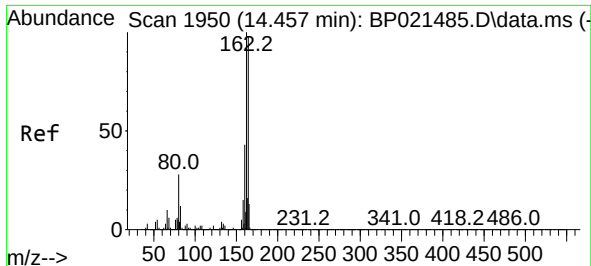
Tgt Ion: 82 Resp: 2143983
Ion Ratio Lower Upper
82 100
128 36.1 26.5 39.7
54 38.9 30.3 45.5



#31
Naphthalene
Concen: 4.057 ng
RT: 10.646 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion: 128 Resp: 462012
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.6 10.6 15.8

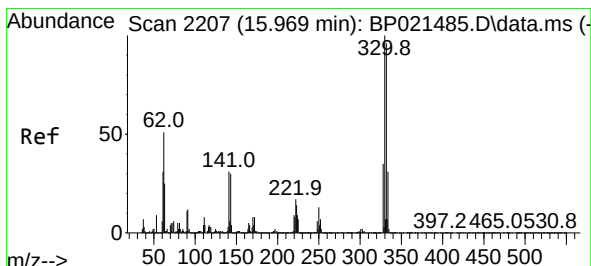
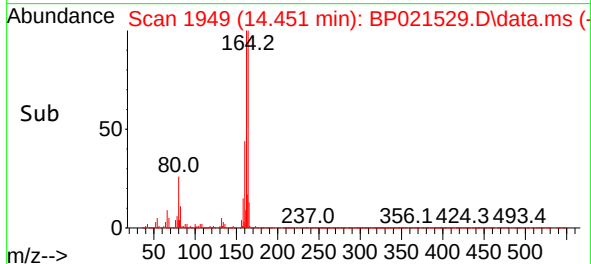
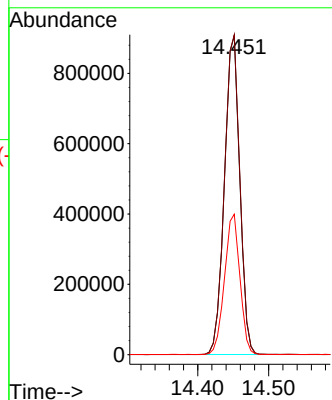
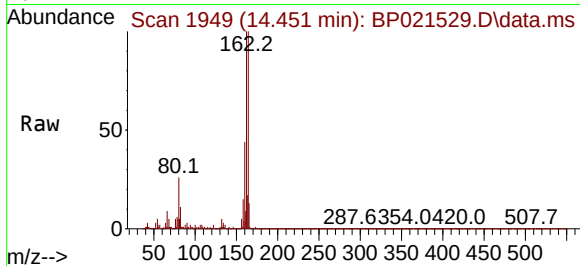




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

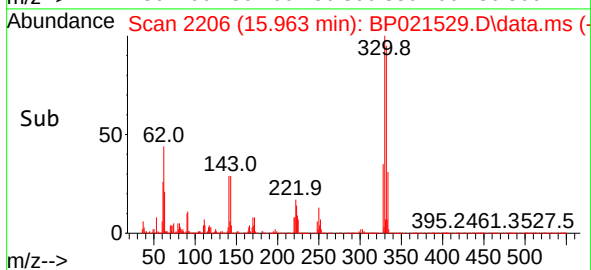
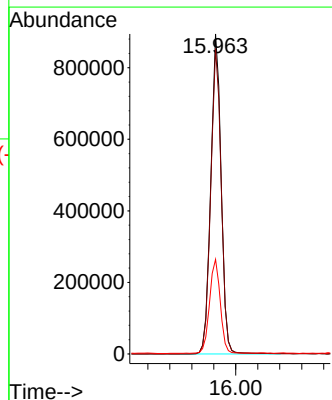
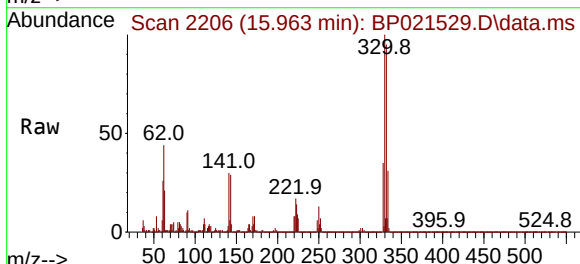
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ClientSampleId :
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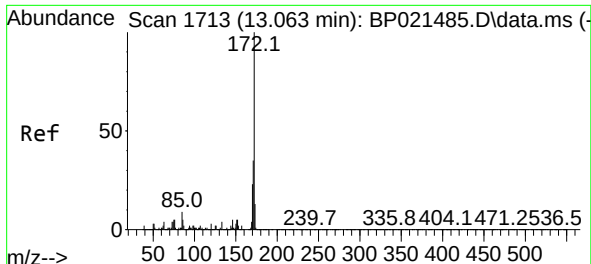
Tgt Ion:164 Resp: 1356577
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.1 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 77.475 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:330 Resp: 1169723
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.5 24.5 36.7

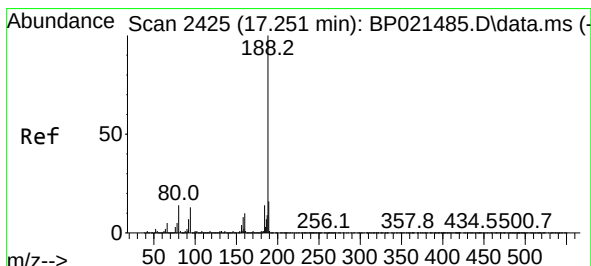
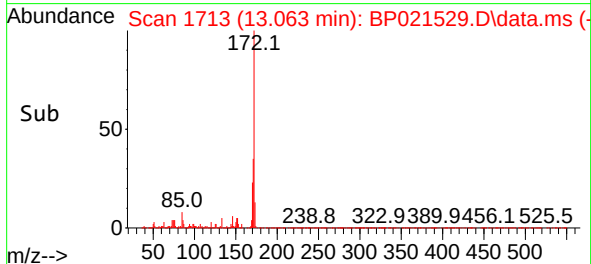
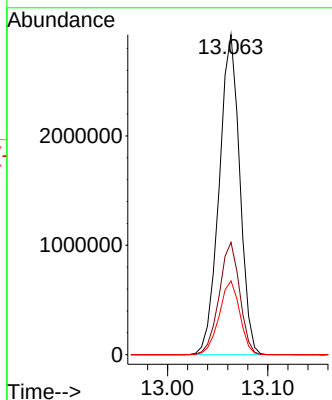
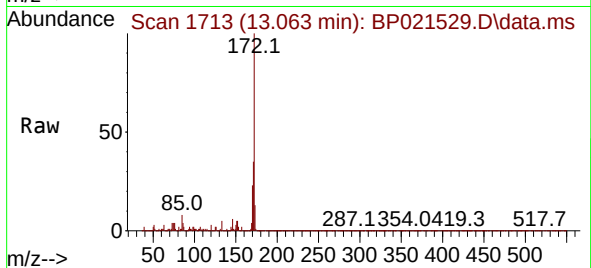




#45
2-Fluorobiphenyl
Concen: 46.861 ng
RT: 13.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

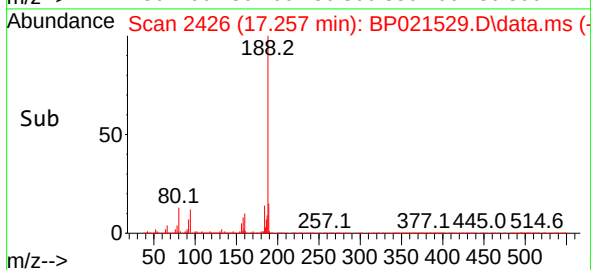
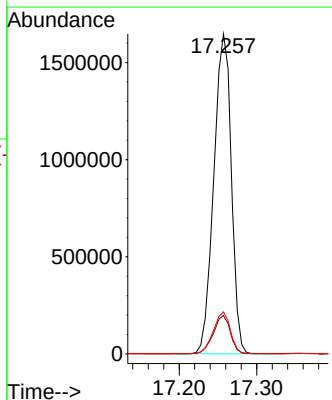
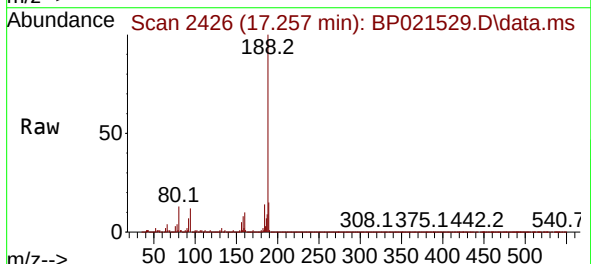
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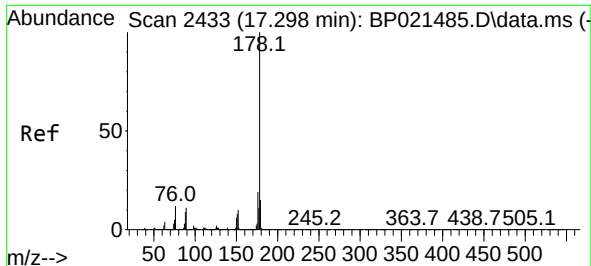
Tgt Ion:172 Resp: 4165429
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:188 Resp: 2581054
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.4
80 13.2 11.6 17.4

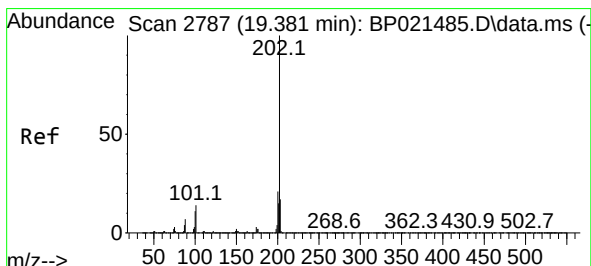
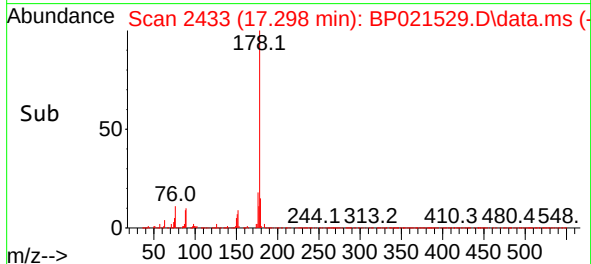
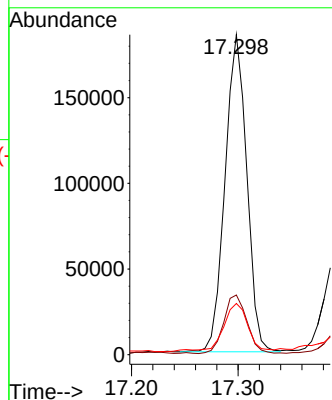
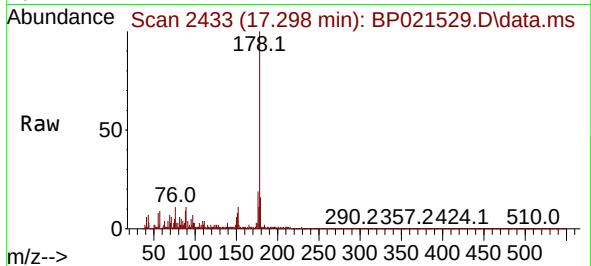




#71
Phenanthrene
Concen: 2.111 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

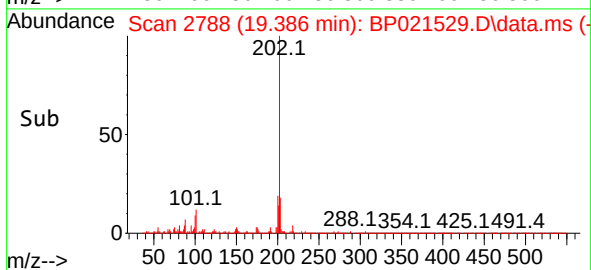
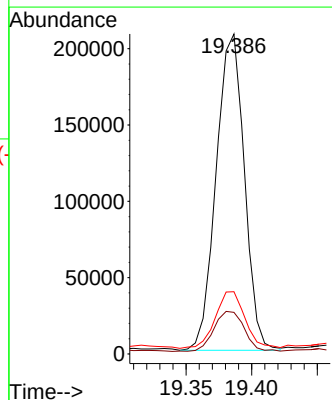
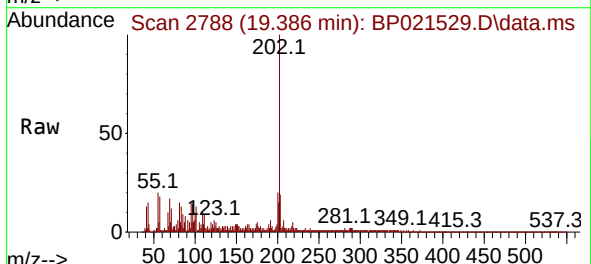
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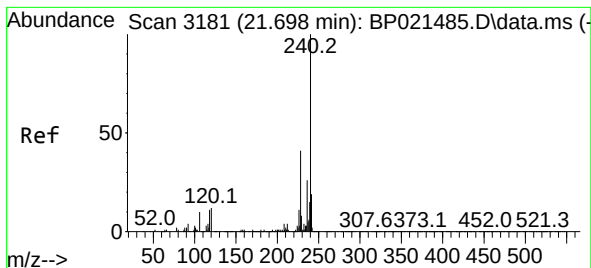
Tgt Ion:178 Resp: 261986
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.0 12.4 18.6



#75
Fluoranthene
Concen: 2.036 ng
RT: 19.386 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP021529.D
Acq: 16 Aug 2024 01:51

Tgt Ion:202 Resp: 310133
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.0
203 19.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.704 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Instrument :

BNA_P

ClientSampleId :

JC-03-081324-A

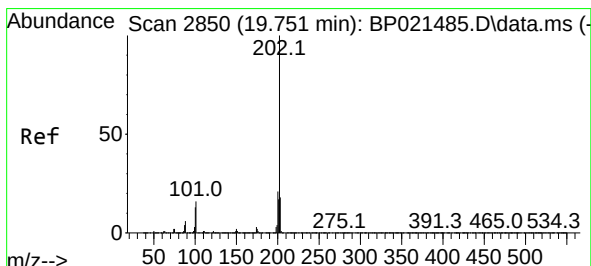
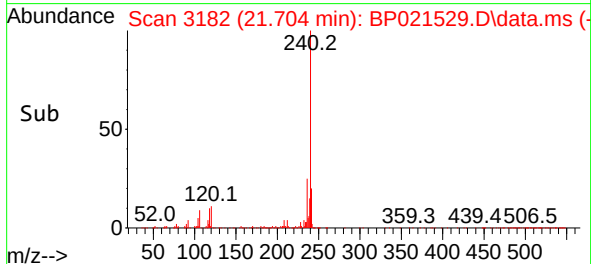
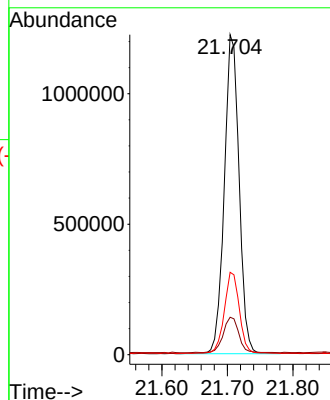
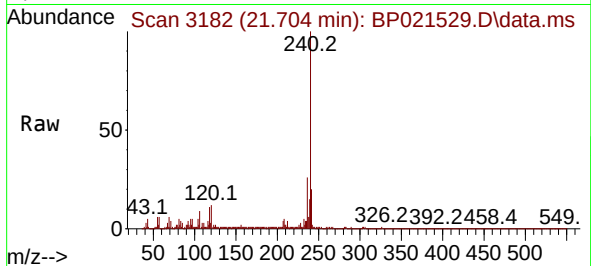
Tgt Ion:240 Resp: 1904340

Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 25.8 20.6 30.8



#78

Pyrene

Concen: 2.634 ng

RT: 19.757 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

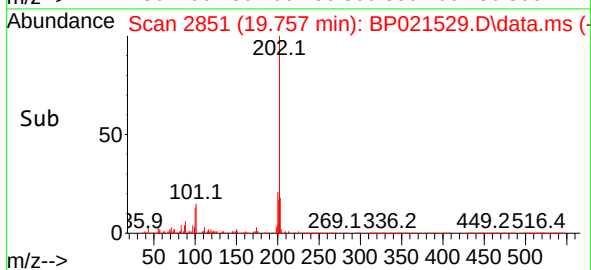
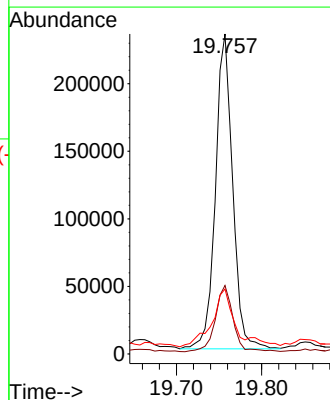
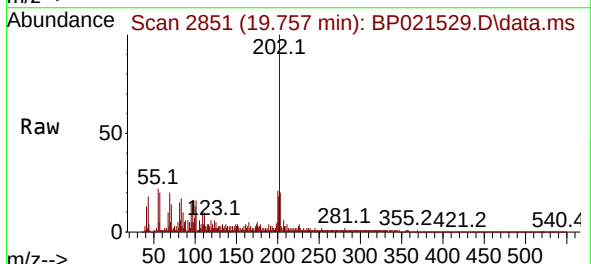
Tgt Ion:202 Resp: 327854

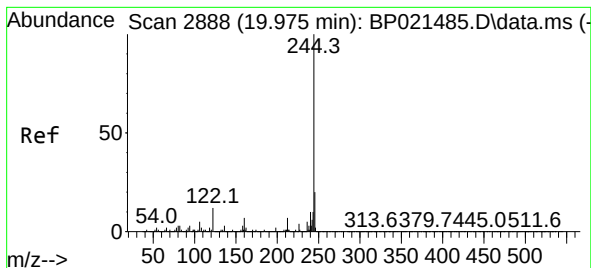
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 20.3 14.1 21.1





#79

Terphenyl-d14

Concen: 51.709 ng

RT: 19.975 min Scan# 2888

Delta R.T. -0.000 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Instrument :

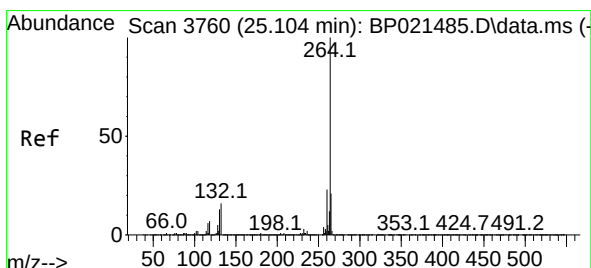
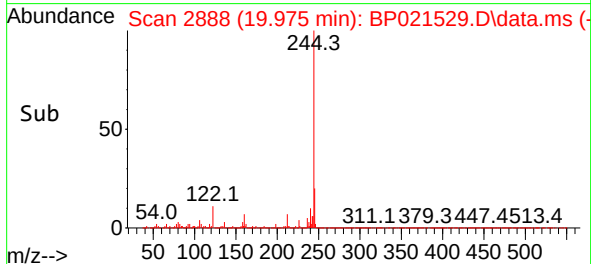
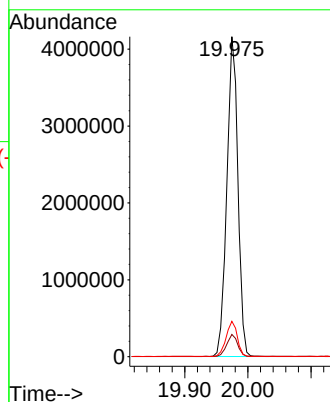
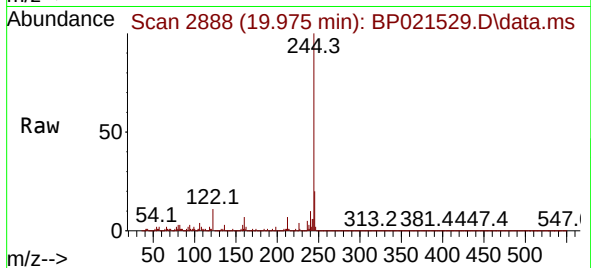
BNA_P

ClientSampleId :

JC-03-081324-A

Tgt Ion:244 Resp: 5068754

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.0	9.4	14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021529.D

Acq: 16 Aug 2024 01:51

Tgt Ion:264 Resp: 2245612

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.1	25.7

