

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021519.D
 Acq On : 15 Aug 2024 18:37
 Operator : RC/JU
 Sample : P3582-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-1.5-2-081224

Quant Time: Aug 16 01:29:15 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	7.799	152	419213	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1627611	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	993994	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	2011752	20.000	ng	0.00
76) Chrysene-d12	21.686	240	1777410	20.000	ng	-0.01
86) Perylene-d12	25.080	264	1945982	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2632164	93.232	ng	0.00
7) Phenol-d6	6.957	99	3617622	87.839	ng	0.00
23) Nitrobenzene-d5	8.946	82	2124155	67.361	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1103500	99.749	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3777220	57.995	ng	-0.01
79) Terphenyl-d14	19.963	244	5603122	61.243	ng	-0.01

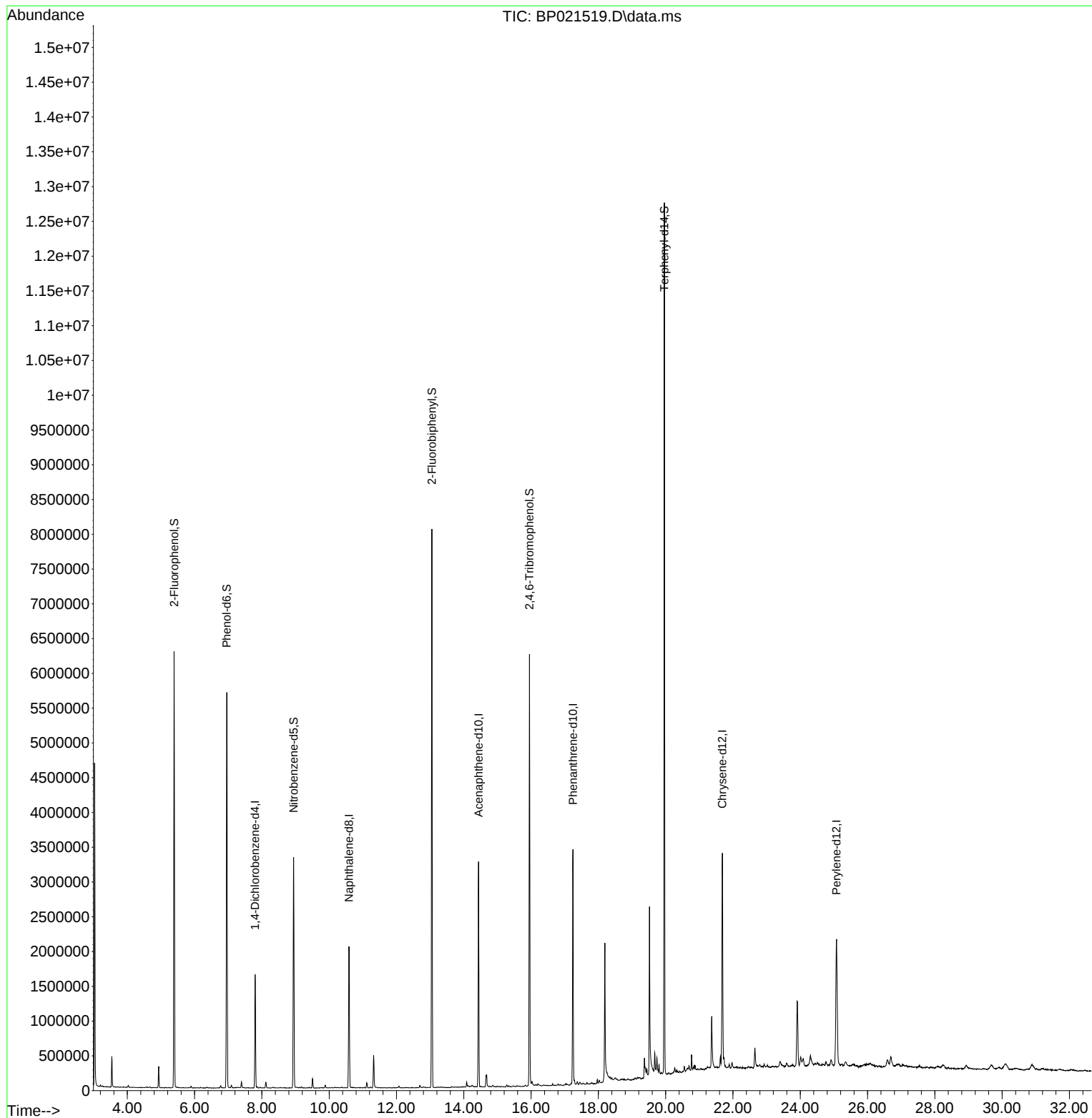
Target Compounds	Qvalue

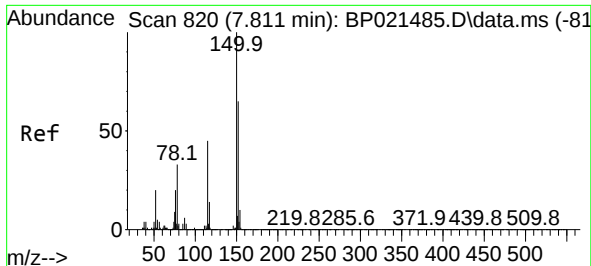
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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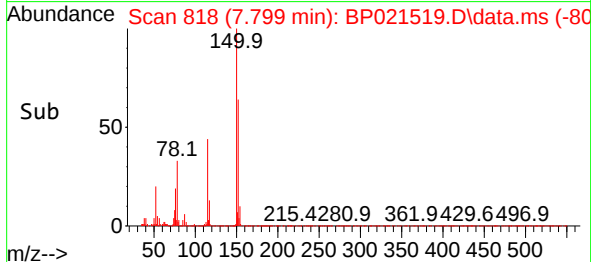
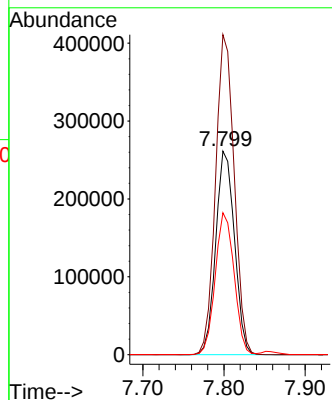
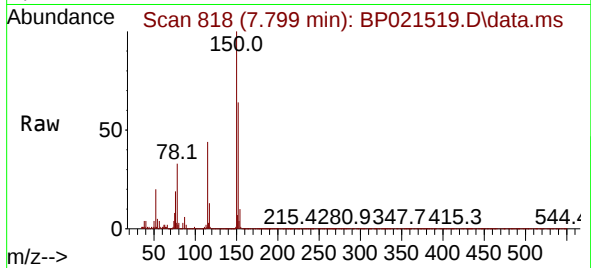




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

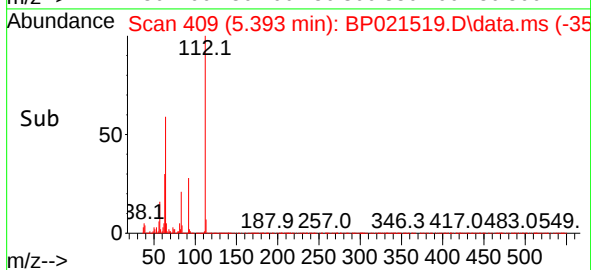
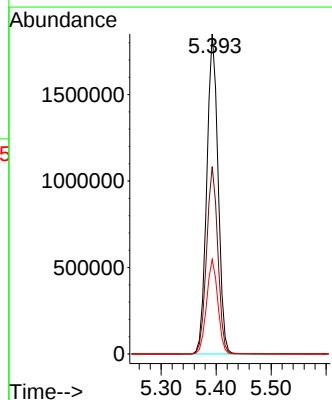
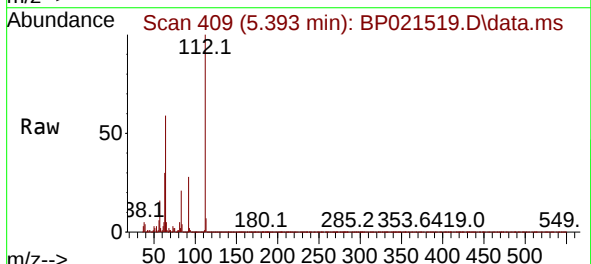
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

Tgt Ion:152 Resp: 419213
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 69.7 54.7 82.1



#5
2-Fluorophenol
Concen: 93.232 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:112 Resp: 2632164
Ion Ratio Lower Upper
112 100
64 58.5 49.0 73.6
63 29.5 24.6 36.8





#7

Phenol-d6

Concen: 87.839 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

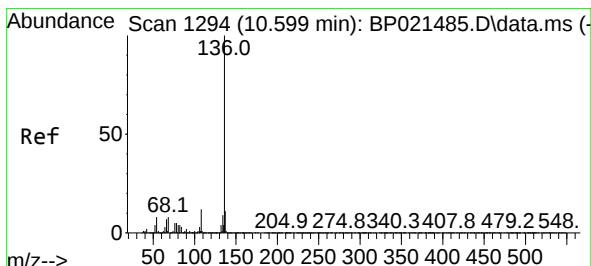
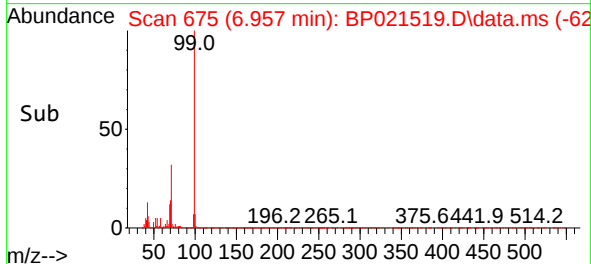
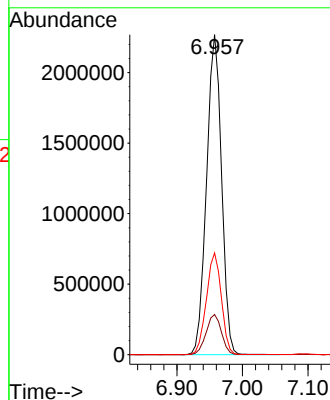
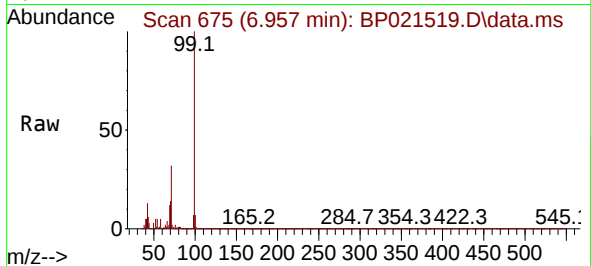
BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

Tgt Ion: 99 Resp: 3617622

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	31.8	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.587 min Scan# 1292

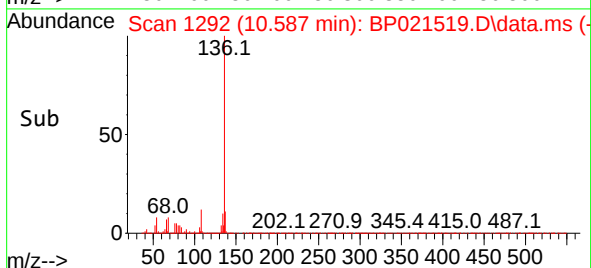
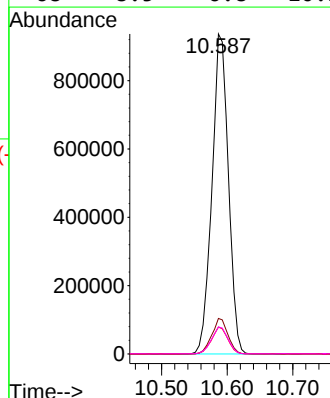
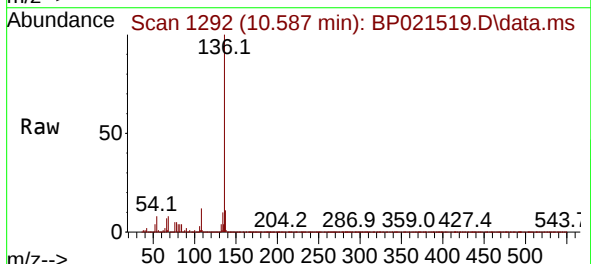
Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Tgt Ion: 136 Resp: 1627611

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.3	9.5
68	8.5	6.8	10.2

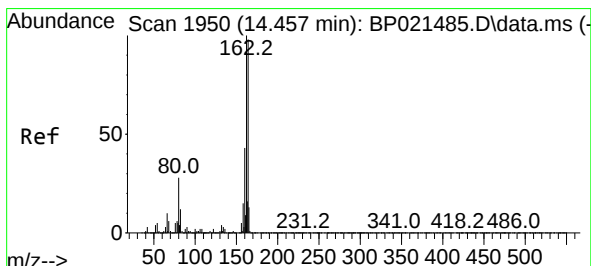
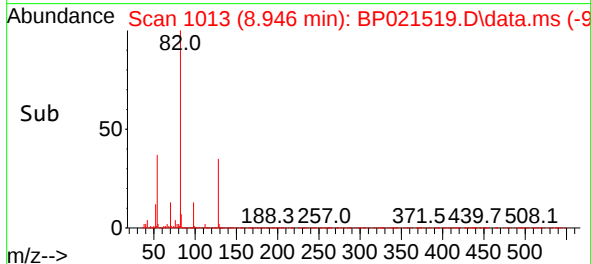
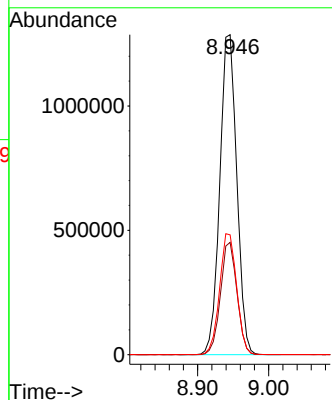
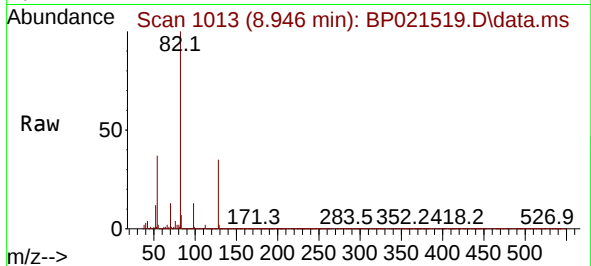




#23
Nitrobenzene-d5
Concen: 67.361 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

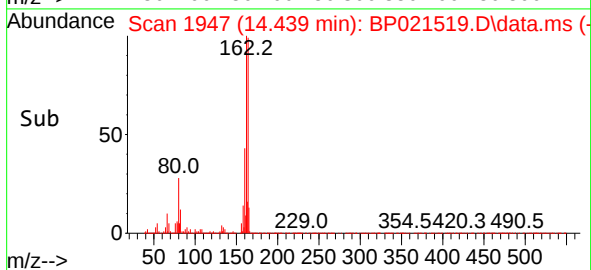
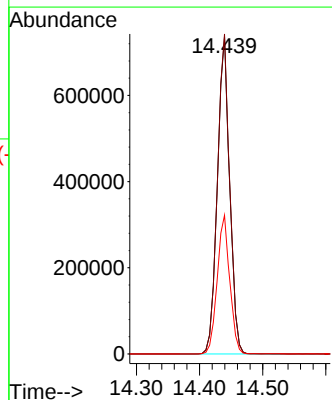
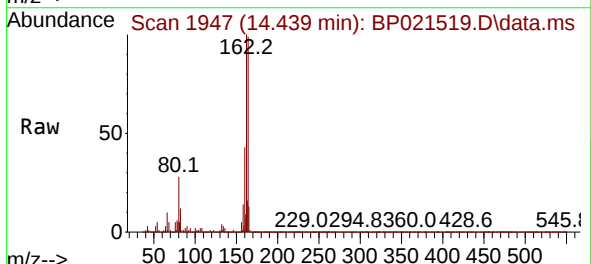
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

Tgt Ion: 82 Resp: 2124155
Ion Ratio Lower Upper
82 100
128 35.1 26.5 39.7
54 37.5 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:164 Resp: 993994
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 43.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 99.749 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

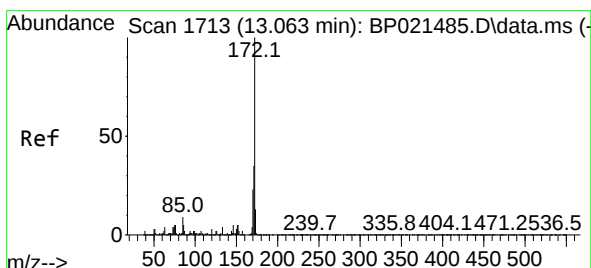
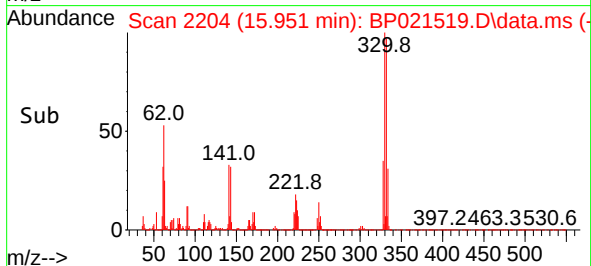
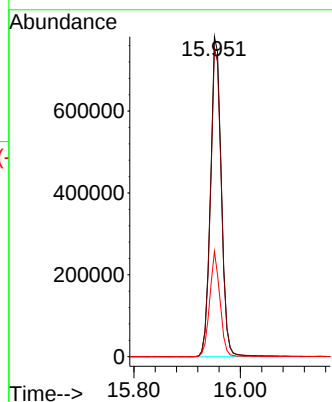
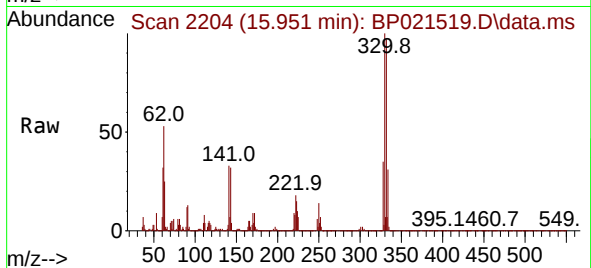
Tgt Ion:330 Resp: 1103500

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 31.1 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 57.995 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

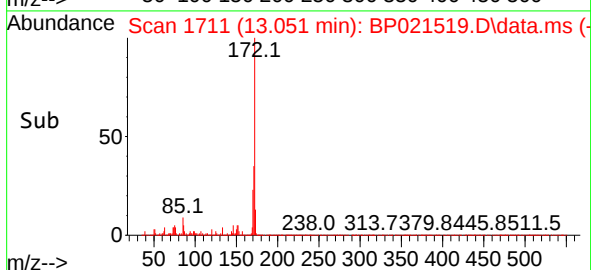
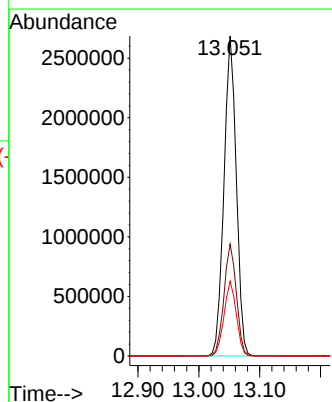
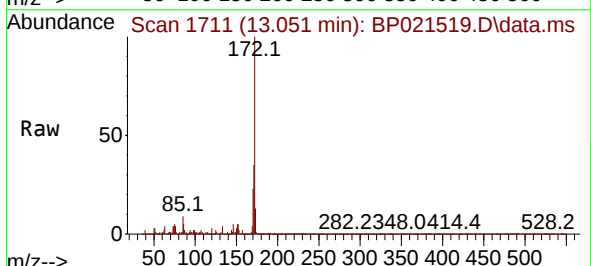
Tgt Ion:172 Resp: 3777220

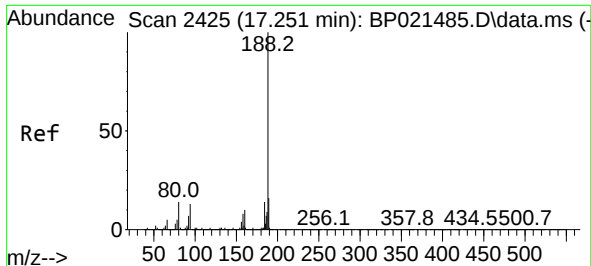
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.4 27.6

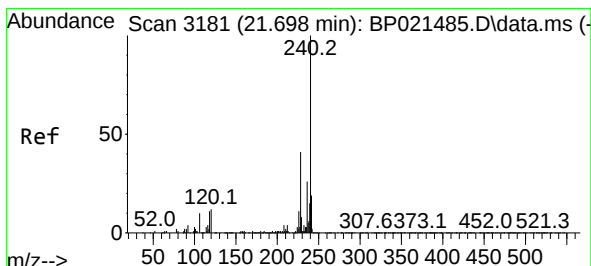
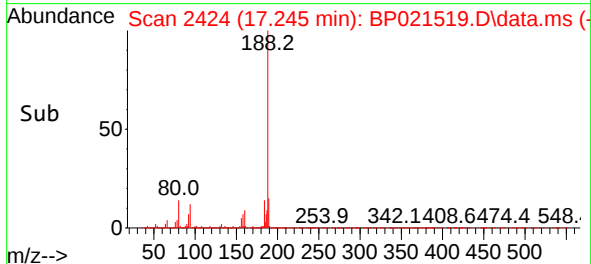
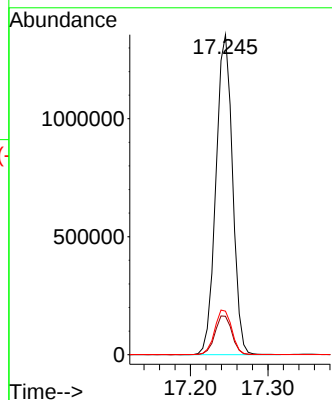
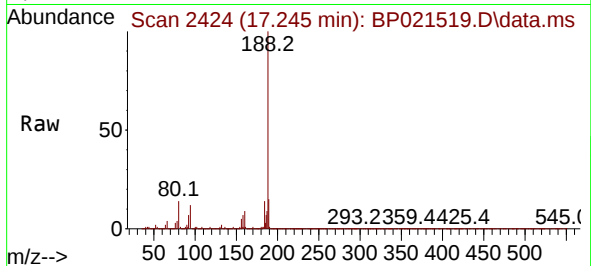




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

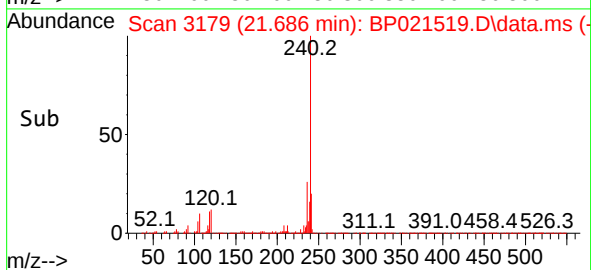
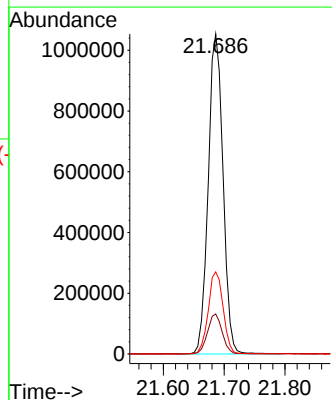
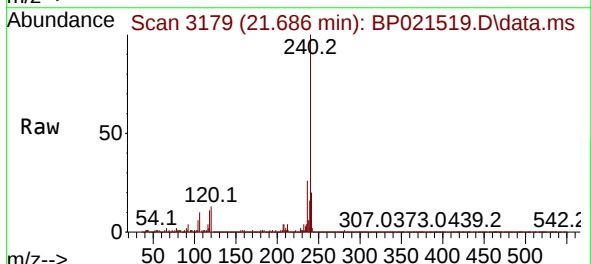
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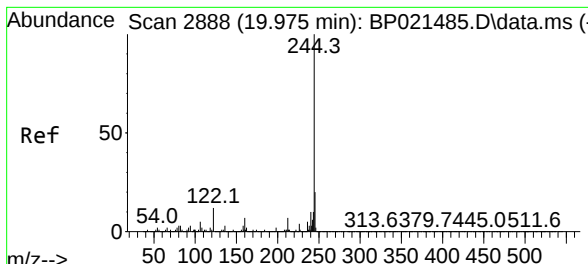
Tgt Ion:188 Resp: 2011752
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.4
80 13.6 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:240 Resp: 1777410
Ion Ratio Lower Upper
240 100
120 12.5 9.9 14.9
236 25.7 20.6 30.8



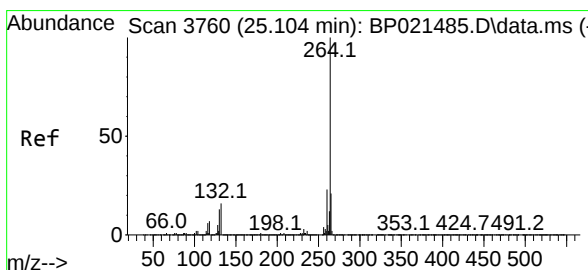
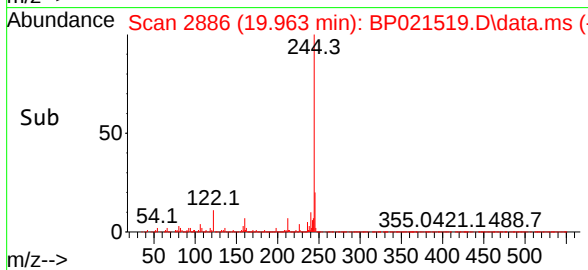
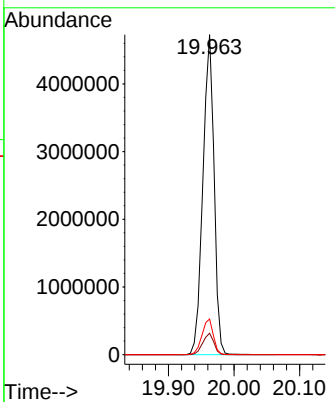
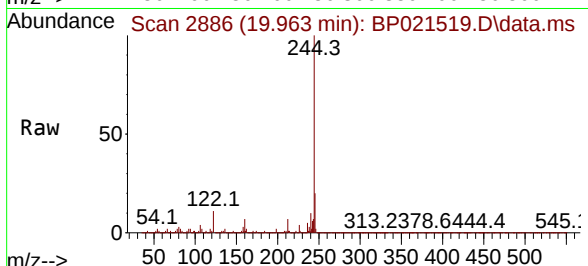


#79
 Terphenyl-d14
 Concen: 61.243 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021519.D
 Acq: 15 Aug 2024 18:37

Instrument :
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Tgt Ion:244 Resp: 5603122

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.2	9.4	14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.080 min Scan# 3756
 Delta R.T. -0.024 min
 Lab File: BP021519.D
 Acq: 15 Aug 2024 18:37

Tgt Ion:264 Resp: 1945982

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.6	17.1	25.7

