

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021522.D
 Acq On : 15 Aug 2024 20:47
 Operator : RC/JU
 Sample : P3573-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-856-J-S0-1-1.5-080924-FD

Quant Time: Aug 16 01:30:27 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	7.804	152	407787	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1624324	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1041844	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2325604	20.000	ng	0.00
76) Chrysene-d12	21.698	240	2526677	20.000	ng	0.00
86) Perylene-d12	25.109	264	2812398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2688199	97.885	ng	0.00
7) Phenol-d6	6.963	99	3817853	95.298	ng	0.00
23) Nitrobenzene-d5	8.946	82	2205682	70.088	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1338906	115.470	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4114284	60.269	ng	0.00
79) Terphenyl-d14	19.974	244	7725700	59.402	ng	0.00

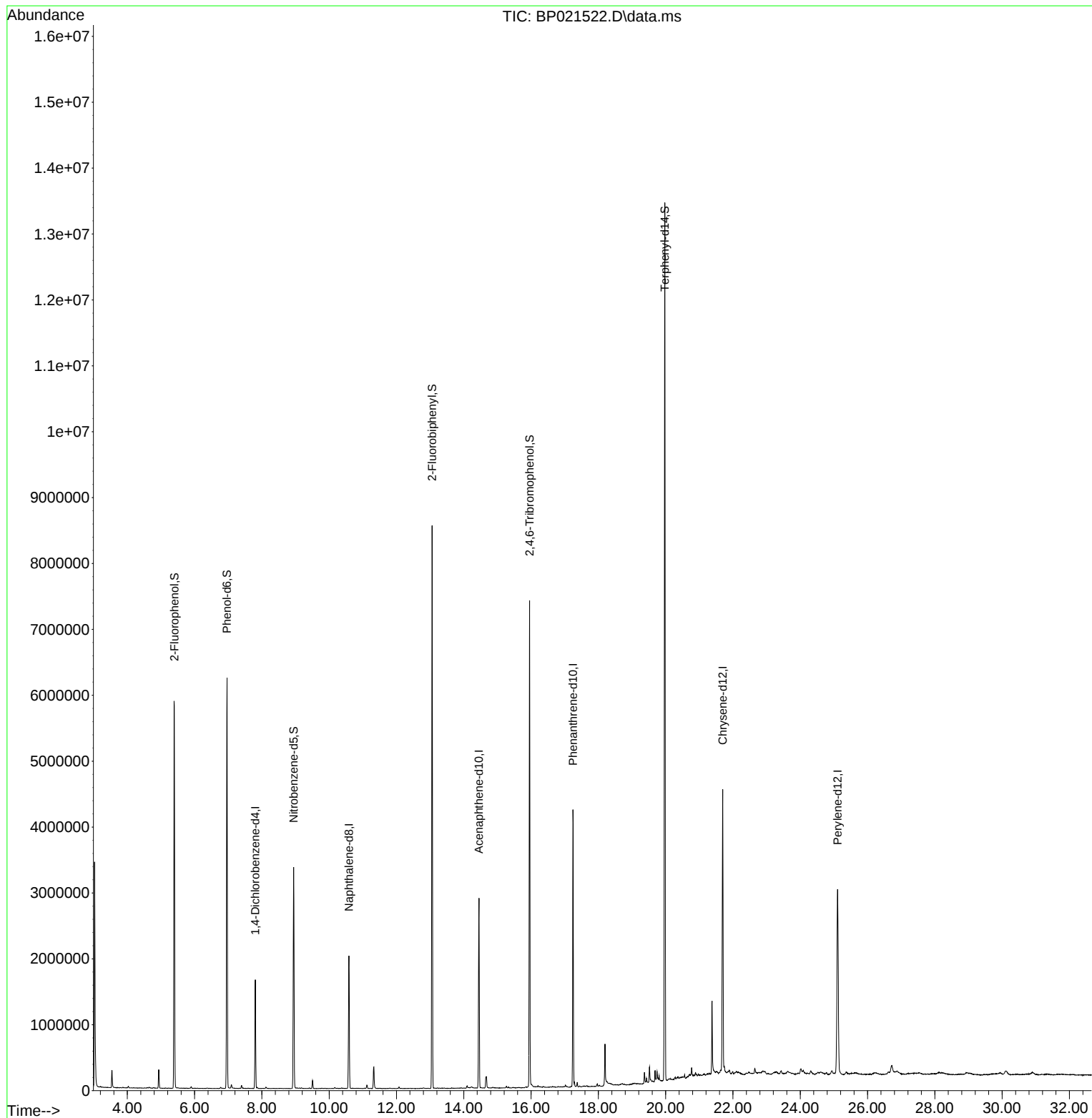
Target Compounds	Qvalue

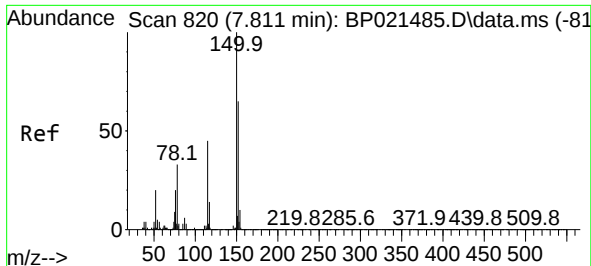
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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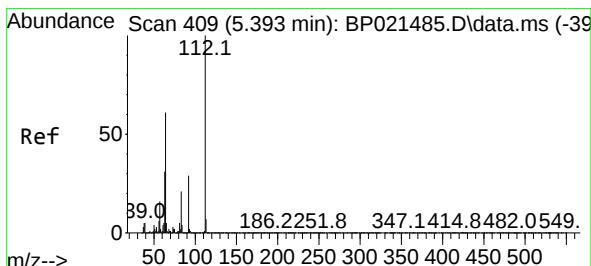
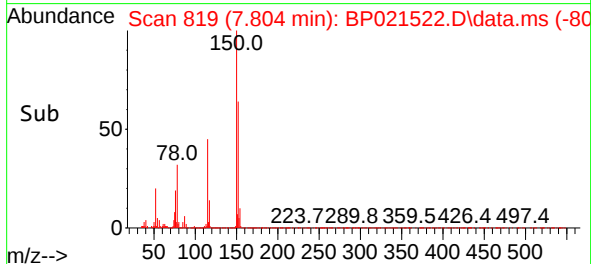
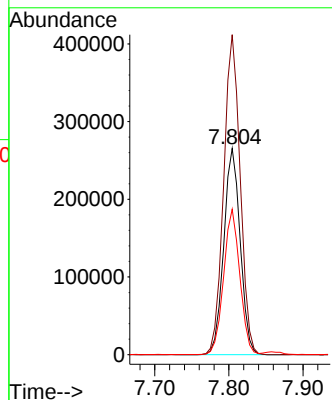
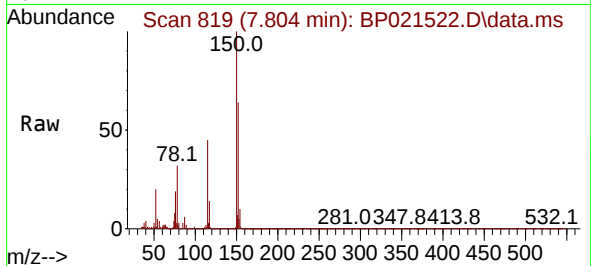




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

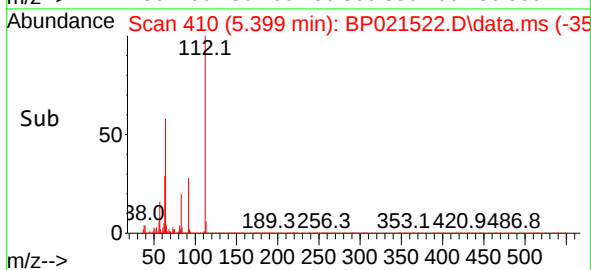
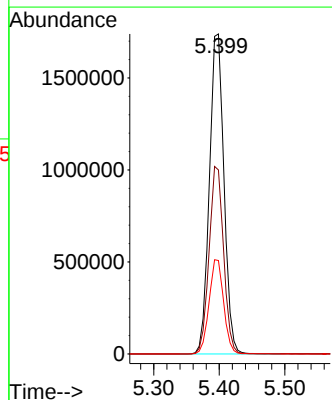
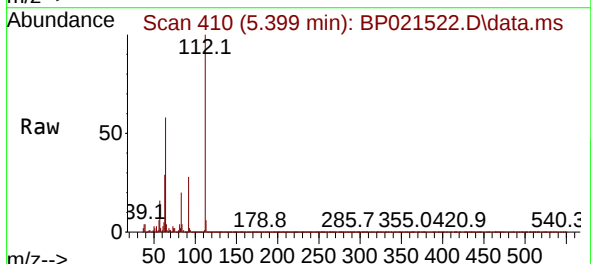
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-1-1.5-080924-FD

Tgt Ion:152 Resp: 407787
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 97.885 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:112 Resp: 2688199
Ion Ratio Lower Upper
112 100
64 57.5 49.0 73.6
63 29.2 24.6 36.8

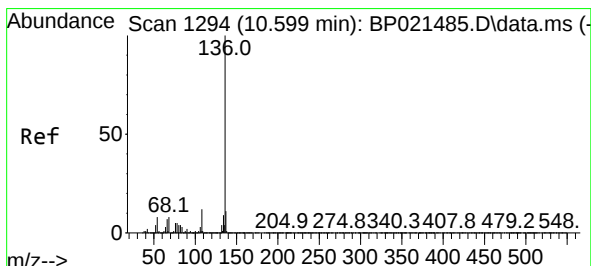
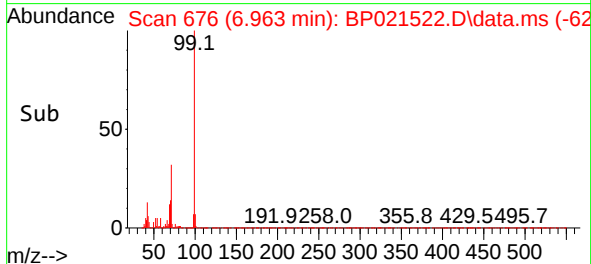
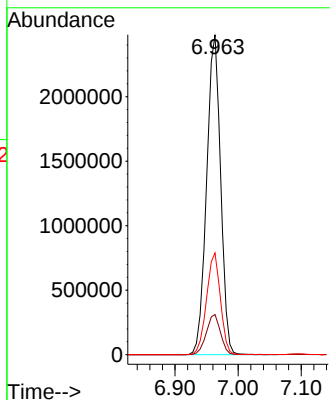
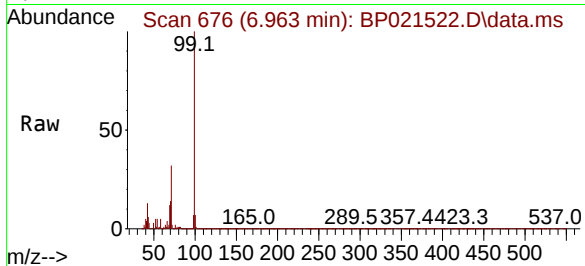




#7
Phenol-d6
Concen: 95.298 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

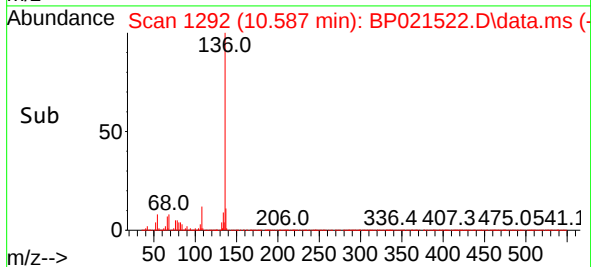
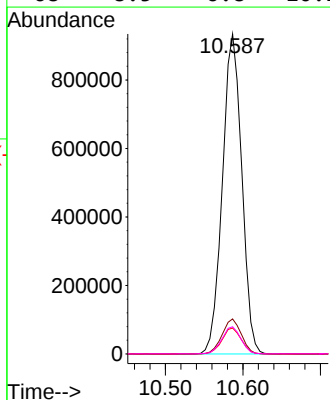
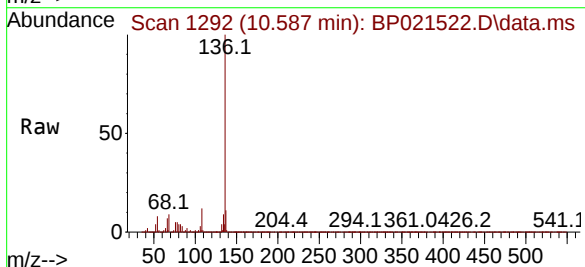
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-1-1.5-080924-FD

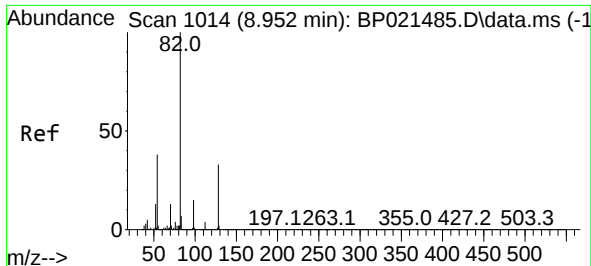
Tgt Ion: 99 Resp: 3817853
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 31.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:136 Resp: 1624324
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.3 9.5
68 8.5 6.8 10.2





#23

Nitrobenzene-d5

Concen: 70.088 ng

RT: 8.946 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

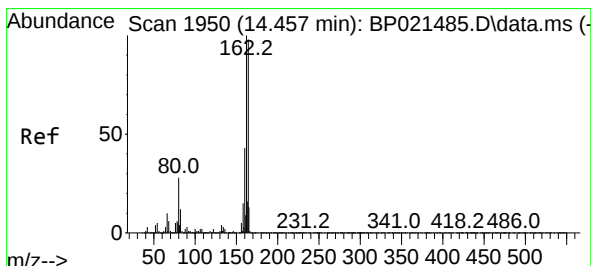
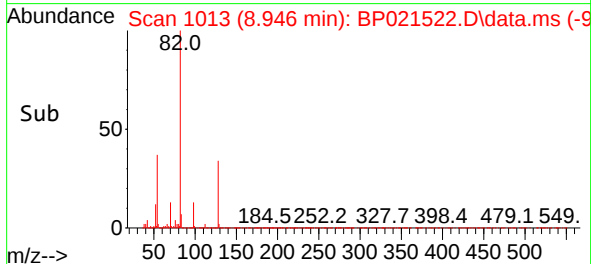
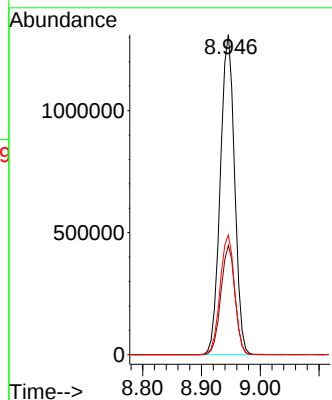
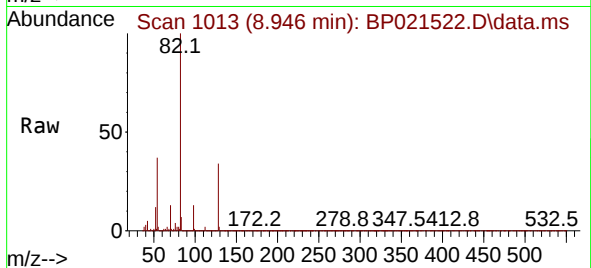
BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

Tgt Ion: 82 Resp: 2205682

Ion	Ratio	Lower	Upper
82	100		
128	34.2	26.5	39.7
54	37.4	30.3	45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

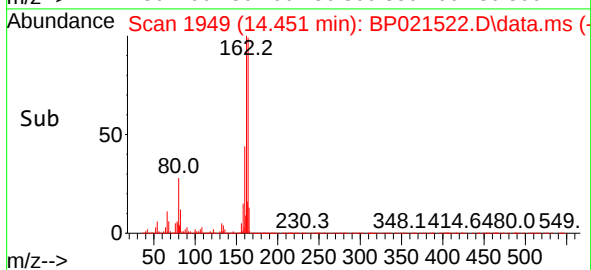
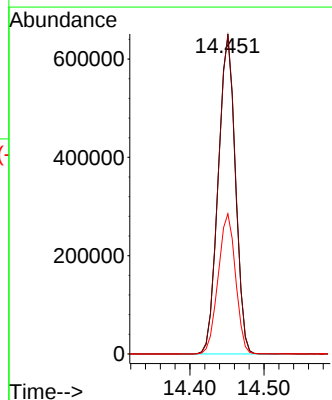
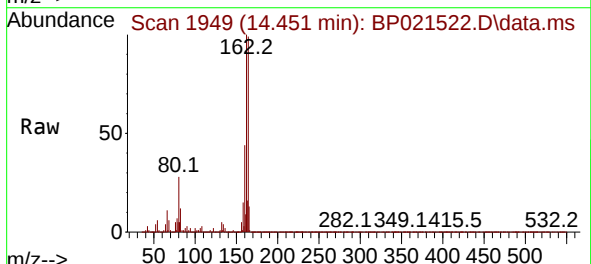
Delta R.T. -0.006 min

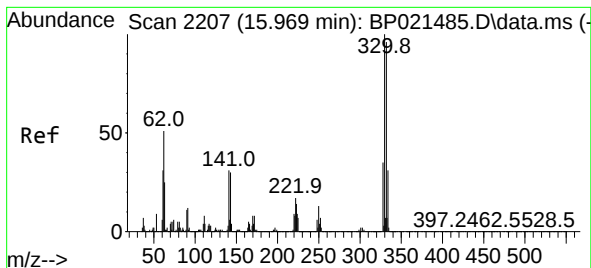
Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Tgt Ion:164 Resp: 1041844

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	44.2	35.2	52.8

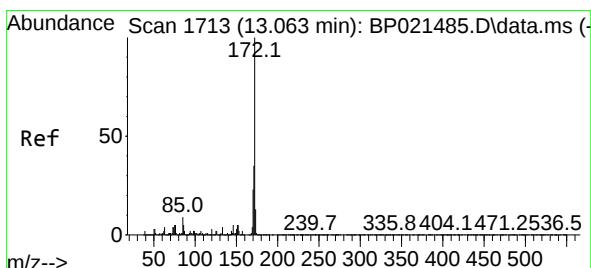
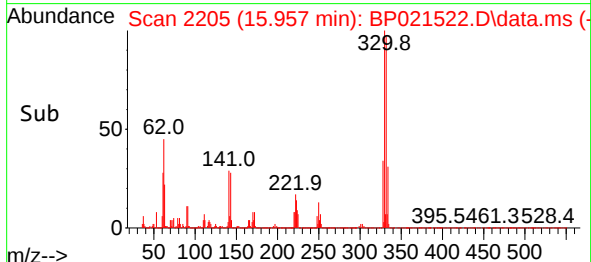
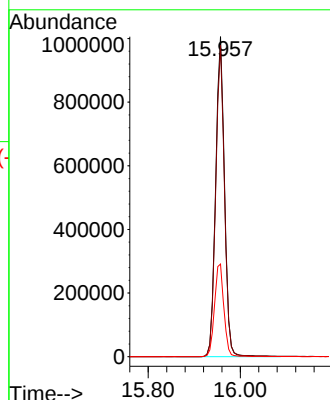
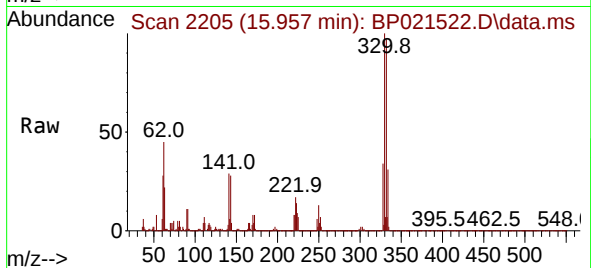




#42
2,4,6-Tribromophenol
Concen: 115.470 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

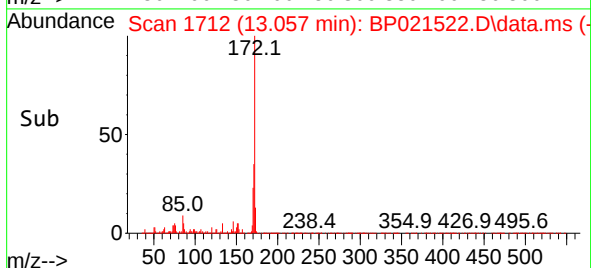
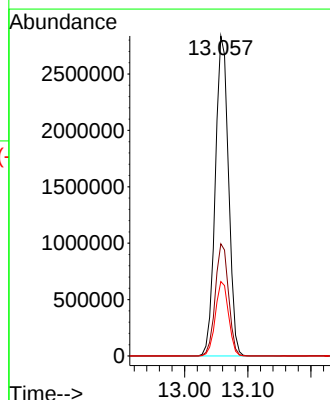
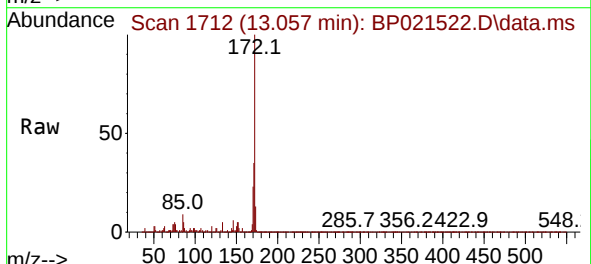
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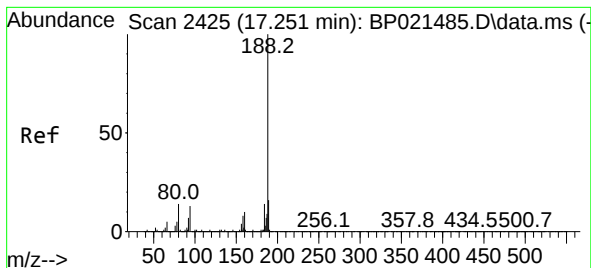
Tgt Ion:330 Resp: 1338906
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 30.6 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 60.269 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:172 Resp: 4114284
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 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: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

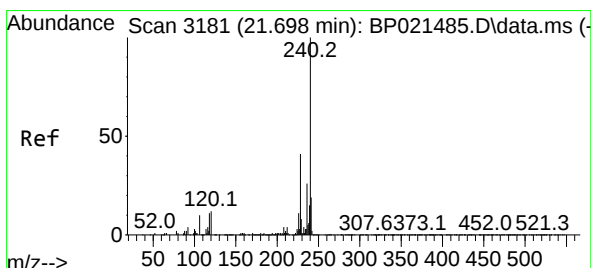
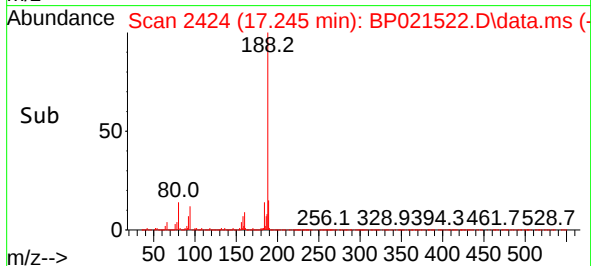
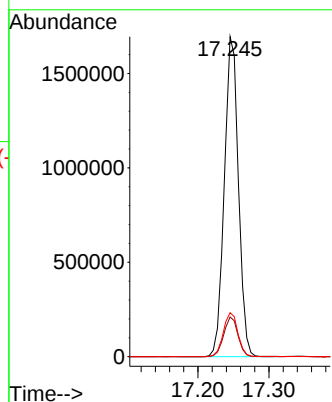
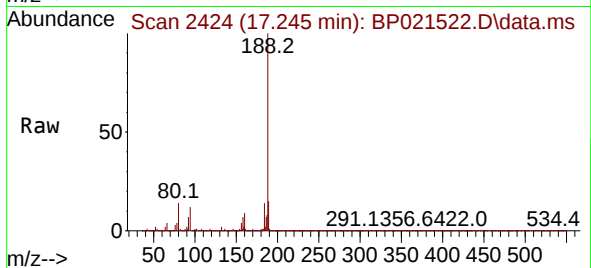
Tgt Ion:188 Resp: 2325604

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.4

80 13.8 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

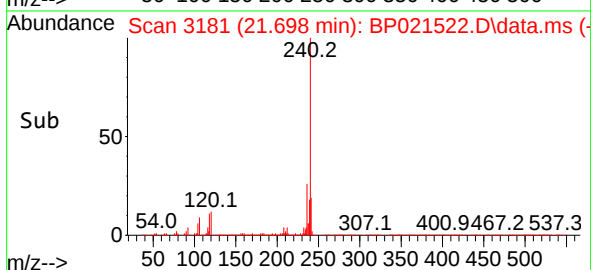
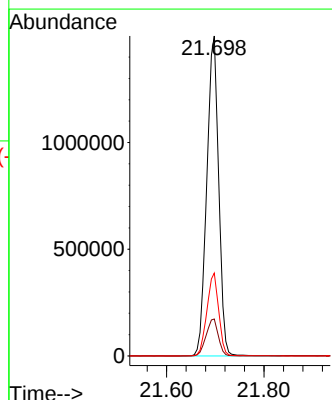
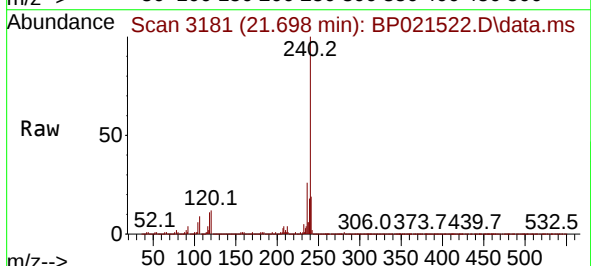
Tgt Ion:240 Resp: 2526677

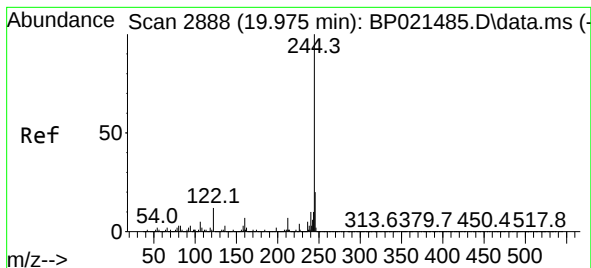
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 59.402 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

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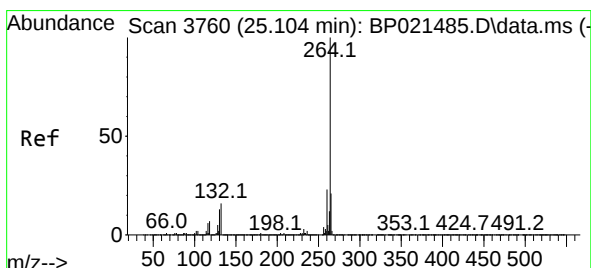
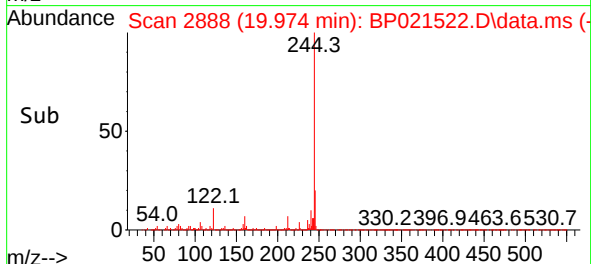
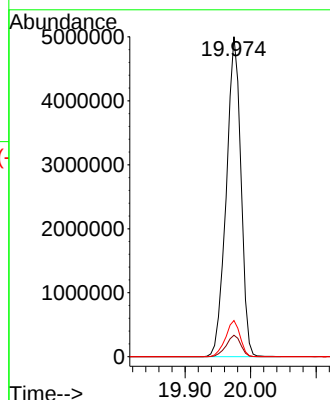
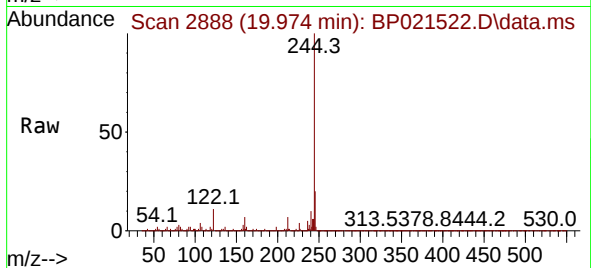
Tgt Ion:244 Resp: 7725700

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.109 min Scan# 3761

Delta R.T. 0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Tgt Ion:264 Resp: 2812398

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.6 17.1 25.7

