

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024458.D
 Acq On : 29 Apr 2025 13:58
 Operator : RC/JU
 Sample : Q1895-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Apr 29 14:23:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	127751	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	481053	20.000	ng	#-0.02
39) Acenaphthene-d10	14.351	164	278426	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	533062	20.000	ng	0.00
76) Chrysene-d12	21.604	240	627937	20.000	ng	0.01
86) Perylene-d12	24.951	264	801161	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	992808	128.497	ng	-0.01
7) Phenol-d6	6.899	99	1155656	109.236	ng	-0.01
23) Nitrobenzene-d5	8.857	82	754821	89.472	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	579352	150.396	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1598090	87.882	ng	0.00
79) Terphenyl-d14	19.875	244	2690467	86.362	ng	0.00

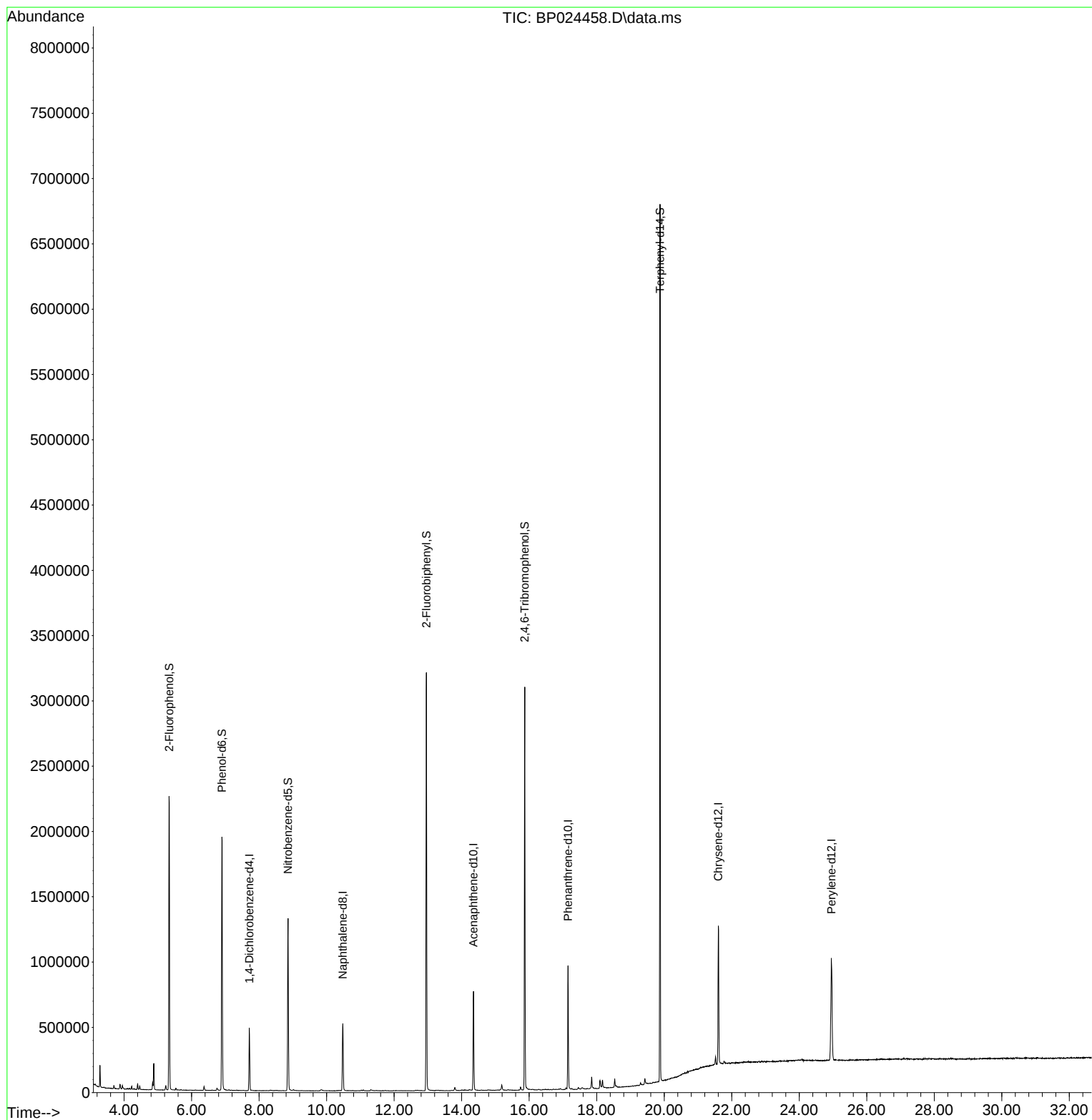
Target Compounds	Qvalue

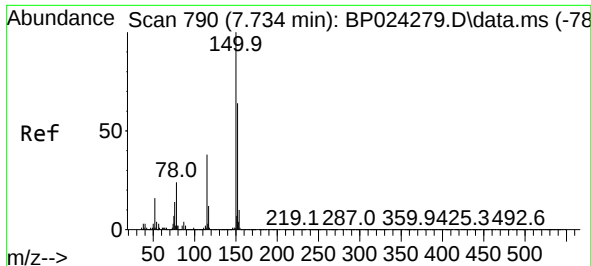
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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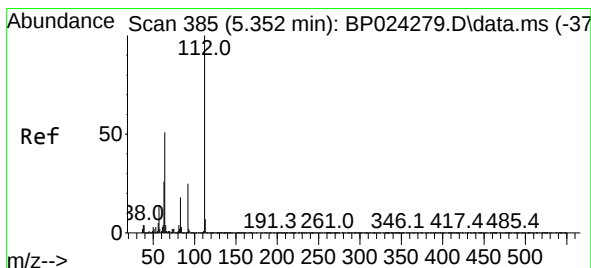
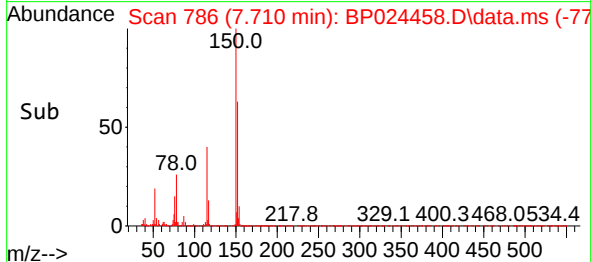
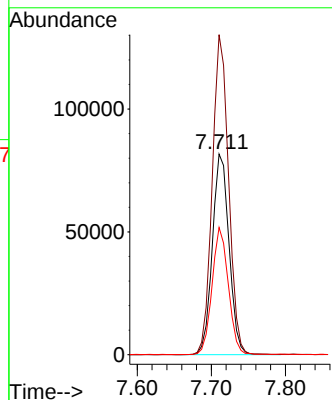
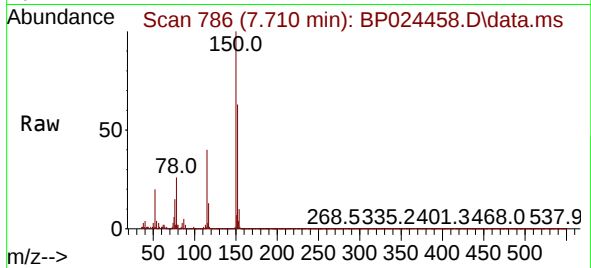




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

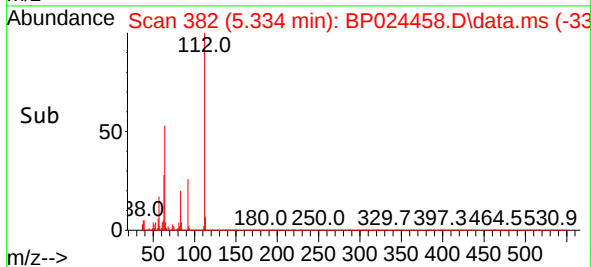
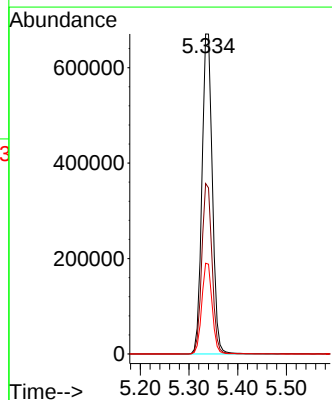
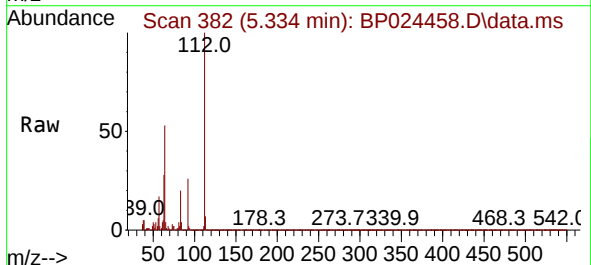
Instrument :
BNA_P
ClientSampleId :
COMP-1

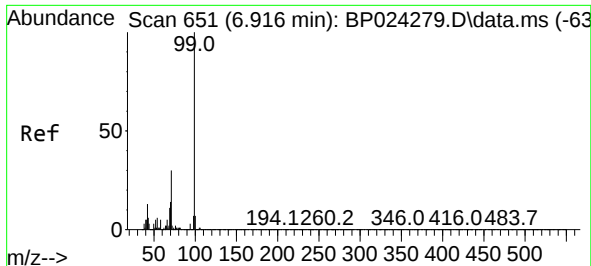
Tgt Ion:152 Resp: 127751
Ion Ratio Lower Upper
152 100
150 159.5 124.9 187.3
115 63.4 47.7 71.5



#5
2-Fluorophenol
Concen: 128.497 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

Tgt Ion:112 Resp: 992808
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 28.4 20.6 30.8





#7

Phenol-d6

Concen: 109.236 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024458.D

Acq: 29 Apr 2025 13:58

Instrument :

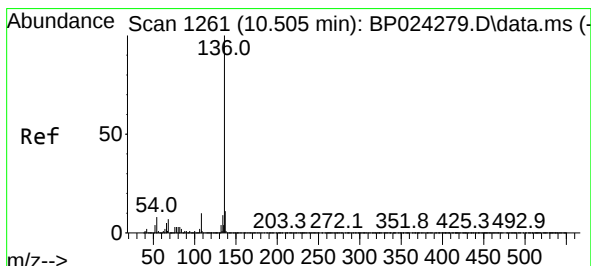
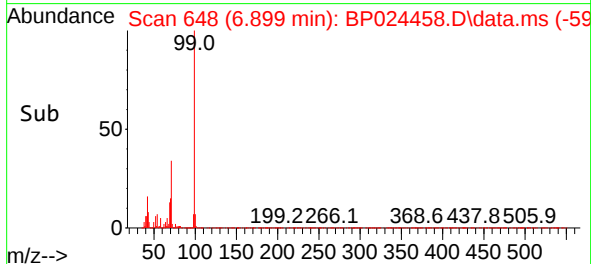
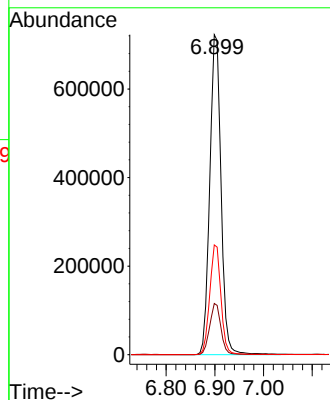
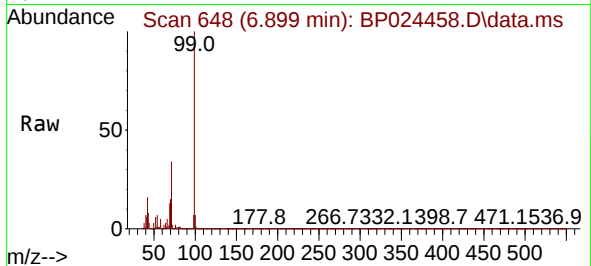
BNA_P

ClientSampleId :

COMP-1

Tgt Ion: 99 Resp: 1155656

Ion	Ratio	Lower	Upper
99	100		
42	16.0	10.6	16.0#
71	34.3	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

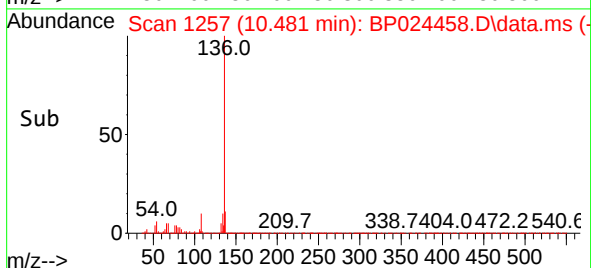
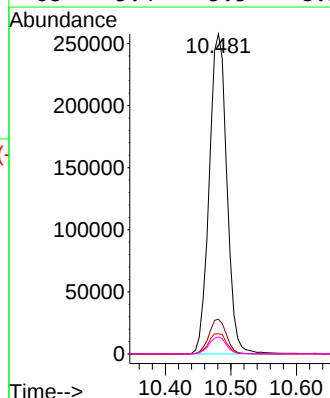
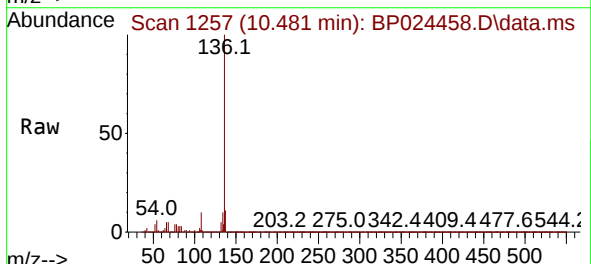
Delta R.T. -0.018 min

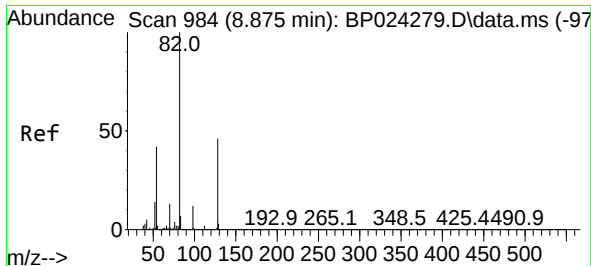
Lab File: BP024458.D

Acq: 29 Apr 2025 13:58

Tgt Ion:136 Resp: 481053

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.2	6.0	9.0
68	5.4	5.5	8.3#

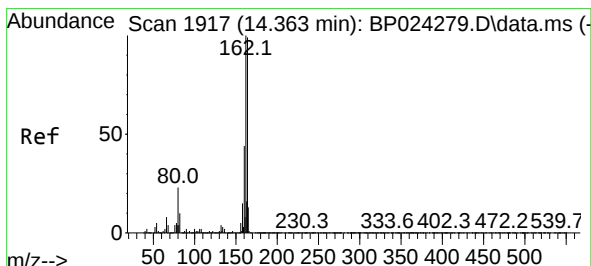
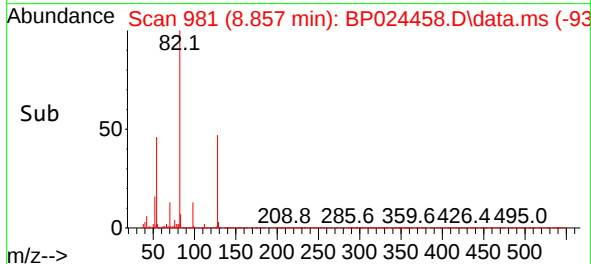
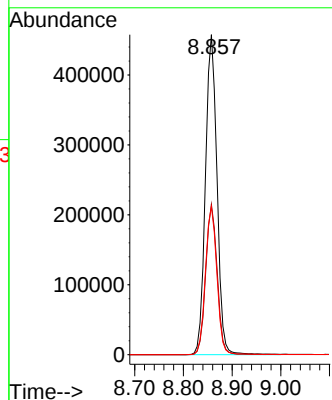
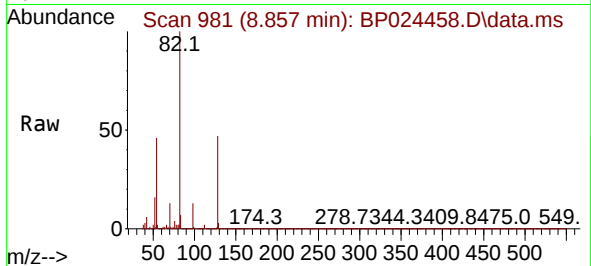




#23
Nitrobenzene-d5
Concen: 89.472 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

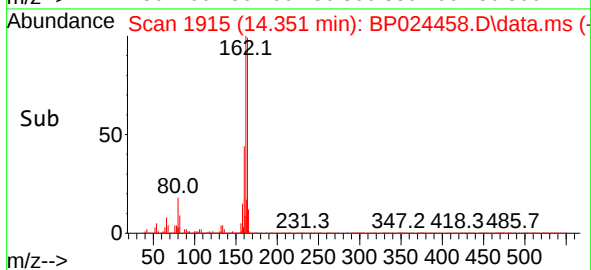
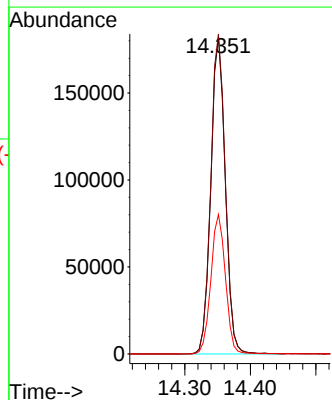
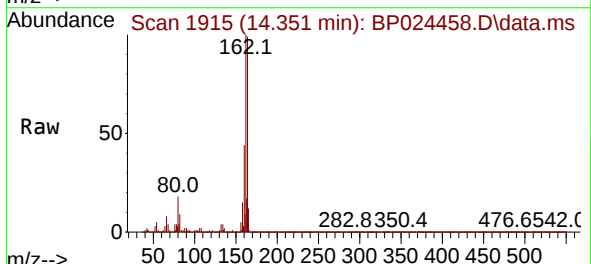
Instrument :
BNA_P
ClientSampleId :
COMP-1

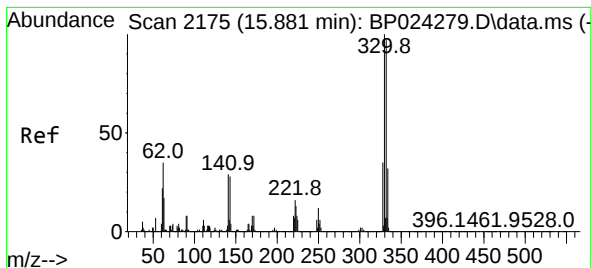
Tgt Ion: 82 Resp: 754821
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 46.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

Tgt Ion:164 Resp: 278426
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.1 35.3 52.9

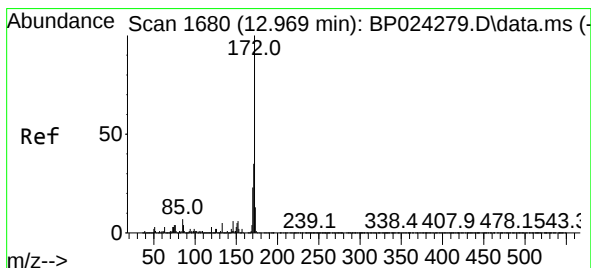
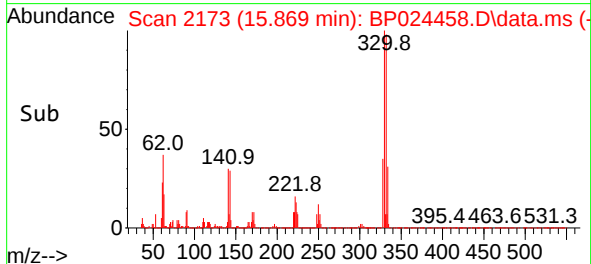
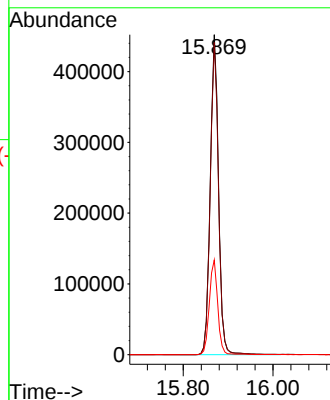
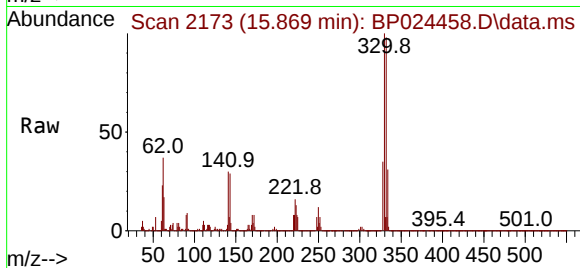




#42
2,4,6-Tribromophenol
Concen: 150.396 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

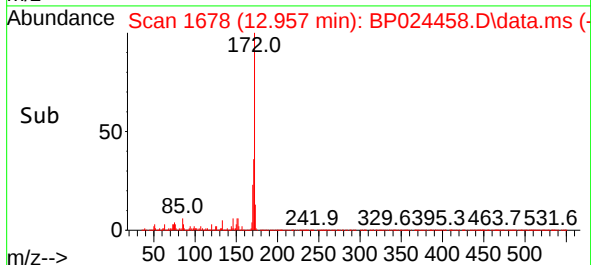
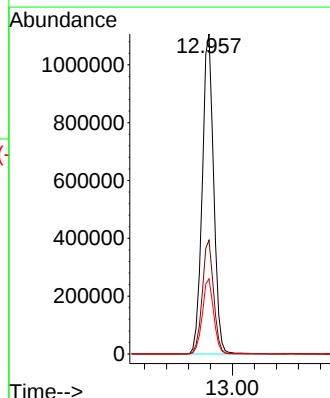
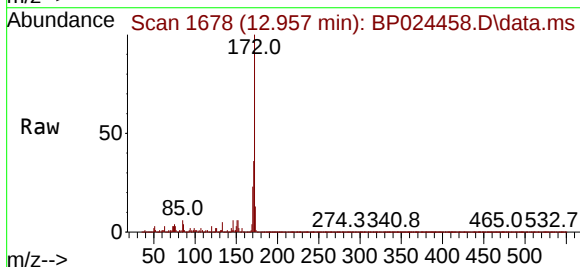
Instrument :
BNA_P
ClientSampleId :
COMP-1

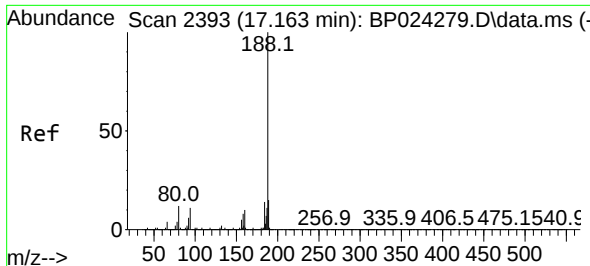
Tgt Ion:330 Resp: 579352
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 30.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 87.882 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

Tgt Ion:172 Resp: 1598090
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.6 27.8

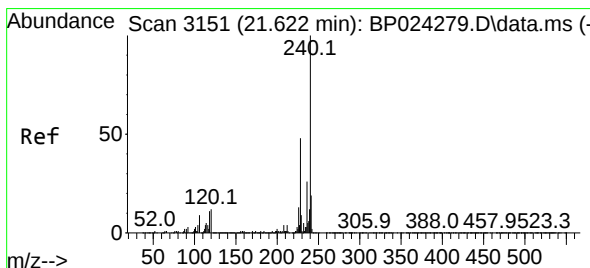
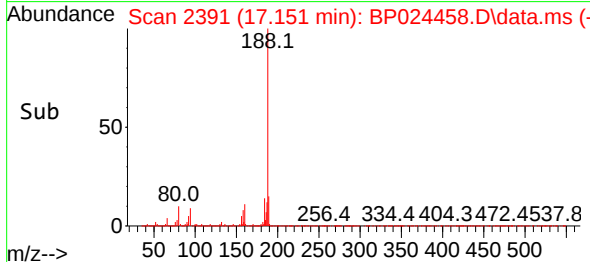
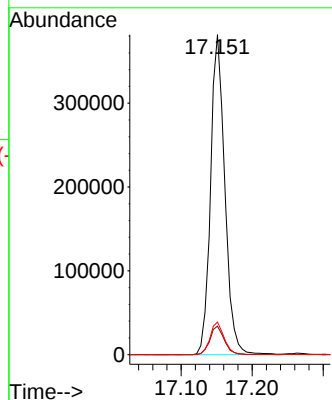
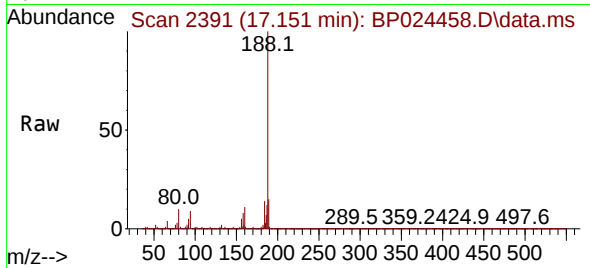




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

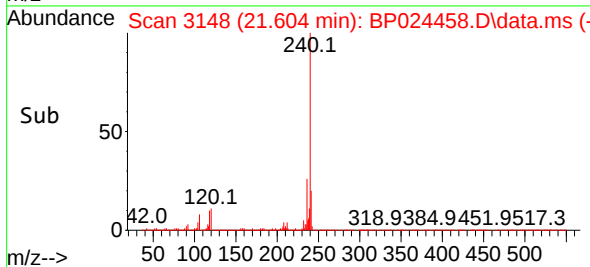
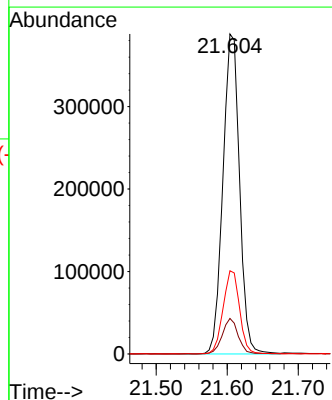
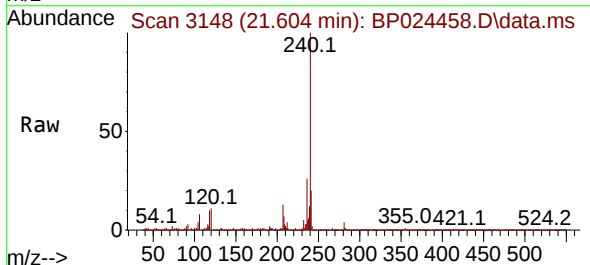
Instrument :
BNA_P
ClientSampleId :
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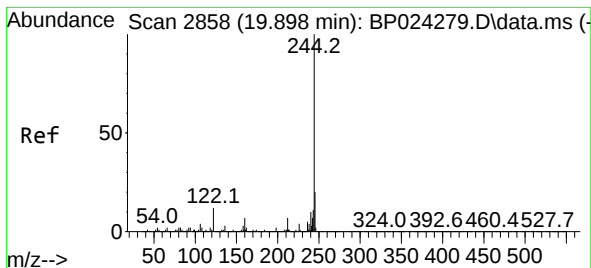
Tgt Ion:188 Resp: 533062
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 10.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BP024458.D
Acq: 29 Apr 2025 13:58

Tgt Ion:240 Resp: 627937
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 86.362 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024458.D

Acq: 29 Apr 2025 13:58

Instrument :

BNA_P

ClientSampleId :

COMP-1

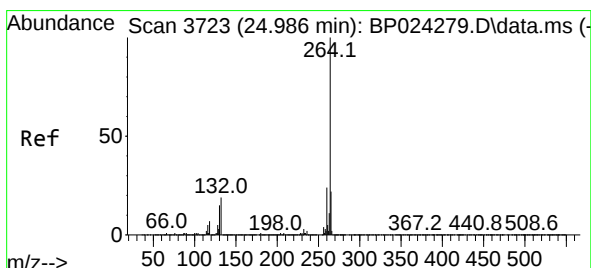
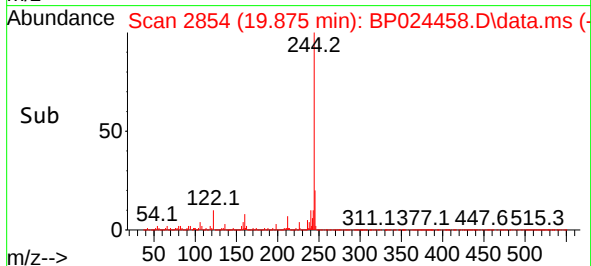
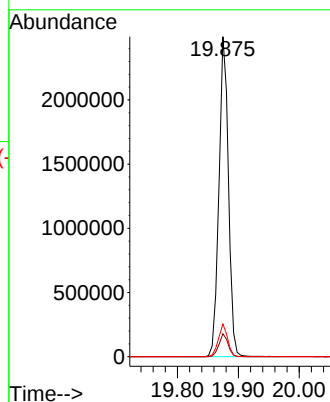
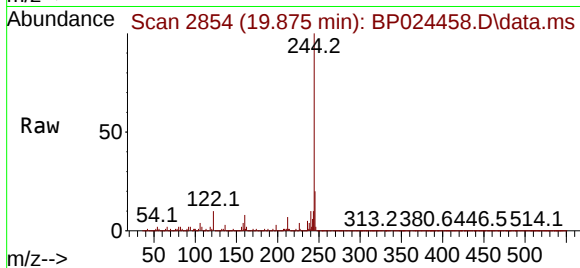
Tgt Ion:244 Resp: 2690467

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.2 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024458.D

Acq: 29 Apr 2025 13:58

Tgt Ion:264 Resp: 801161

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.5 17.8 26.6

