

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024701.D
 Acq On : 19 May 2025 23:04
 Operator : RC/JU
 Sample : Q2065-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 03:48:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

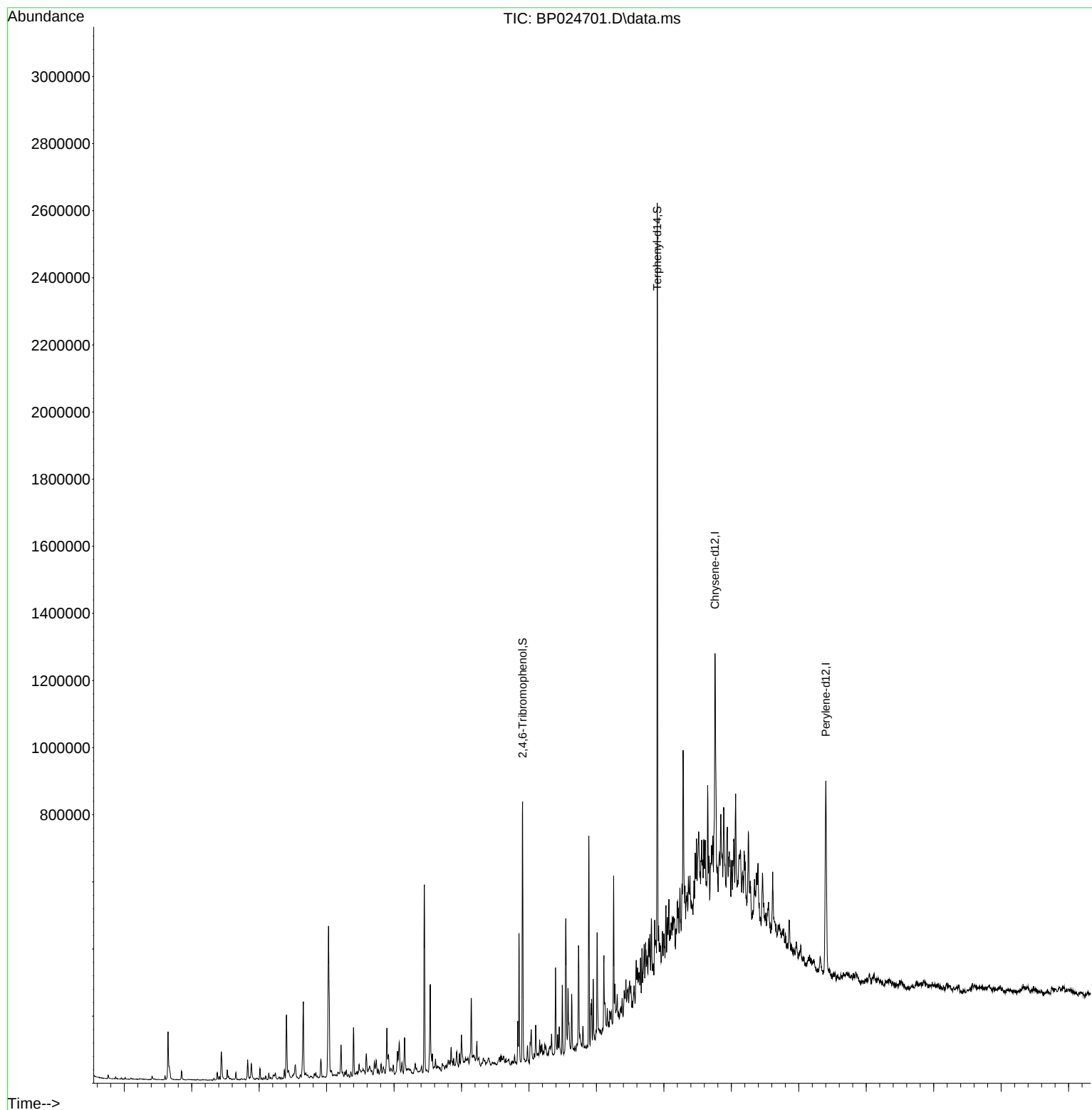
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	17534	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	80064	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	62869	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	168106	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	356429	20.000	ng	0.00
86) Perylene-d12	24.804	264	657126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	79937	77.975	ng	0.01
7) Phenol-d6	6.875	99	62194	47.535	ng	0.02
23) Nitrobenzene-d5	8.805	82	116113	73.276	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	190155	178.413	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	327066	68.157	ng	0.00
79) Terphenyl-d14	19.804	244	1087896	52.336	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.752	117	3712	7.193	ng	# 1
22) Acetophenone	8.481	105	9374	4.687	ng	# 94
32) Benzoic acid	9.781	122	181	7.651	ng	# 3
36) 4-Chloro-3-methylphenol	11.787	107	32801	23.039	ng	# 21
37) 2-Methylnaphthalene	12.093	142	10678	3.975	ng	98
38) 1-Methylnaphthalene	12.093	142	10678	3.715	ng	95
54) 2,4-Dinitrophenol	14.445	184	37	6.454	ng	# 1
56) 4-Nitrophenol	14.522	139	759	5.038	ng	# 60
63) Azobenzene	15.669	77	22091	5.332	ng	# 1

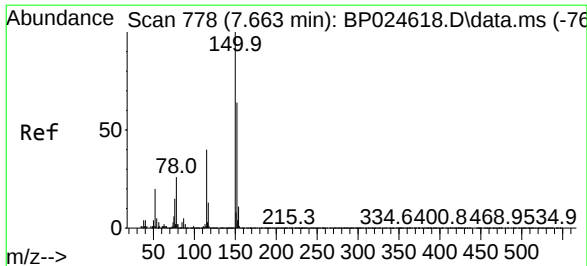
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
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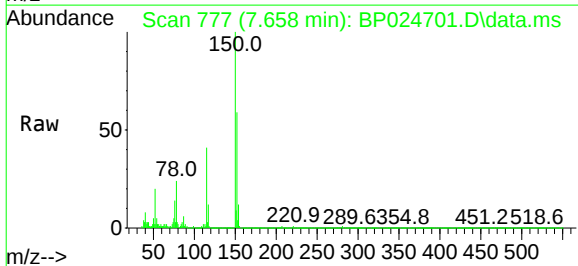
Quant Time: May 20 03:48:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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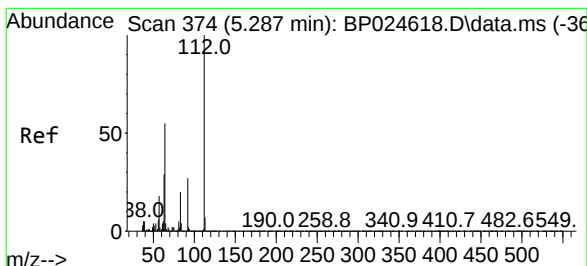
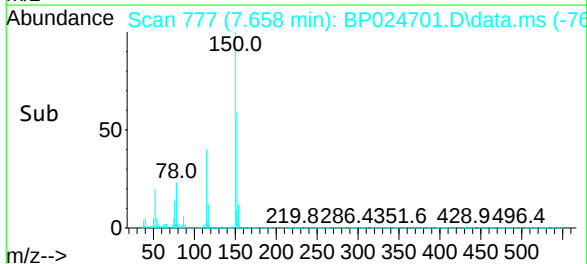
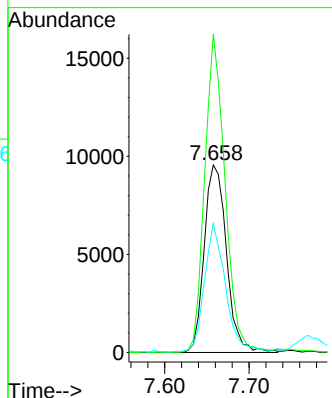


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :

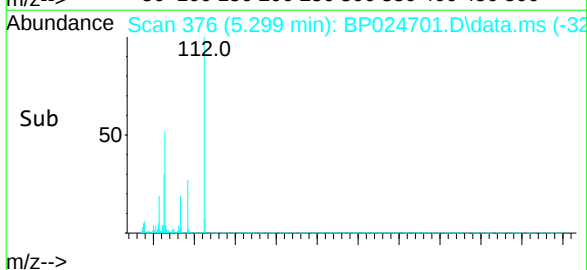
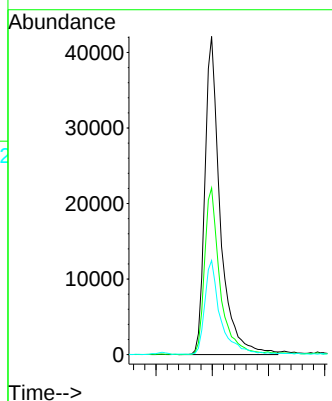
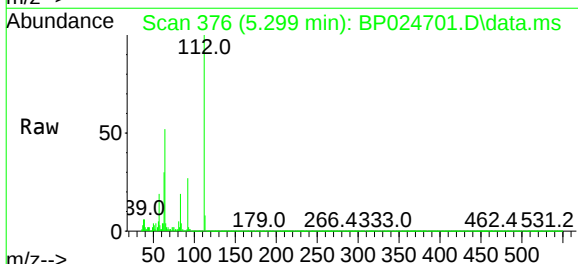


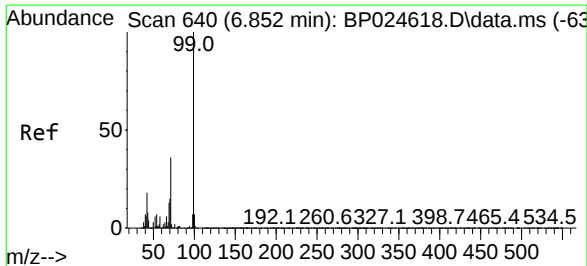
Tgt Ion:152 Resp: 17534
Ion Ratio Lower Upper
152 100
150 169.6 125.9 188.9
115 68.8 50.1 75.1



#5
2-Fluorophenol
Concen: 77.975 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion:112 Resp: 79937
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 29.6 23.5 35.3

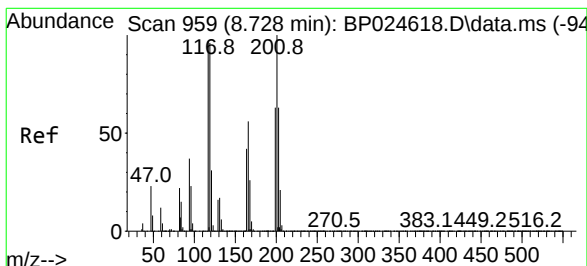
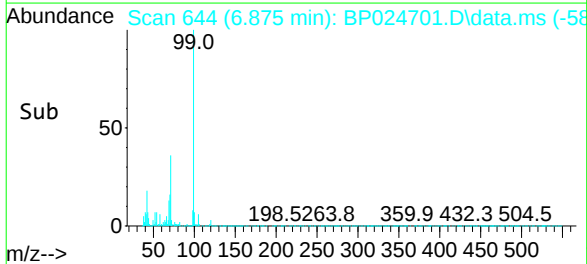
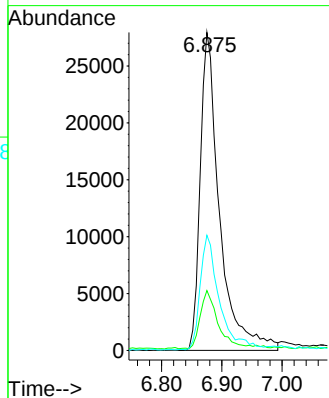
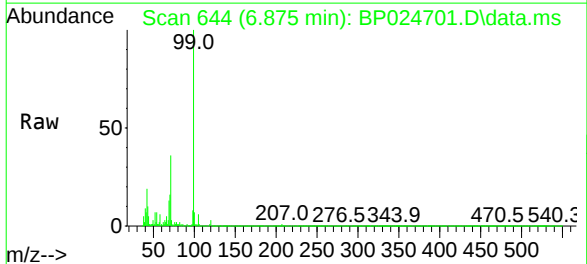




#7
Phenol-d6
Concen: 47.535 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

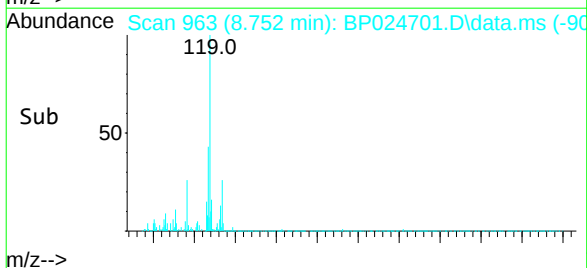
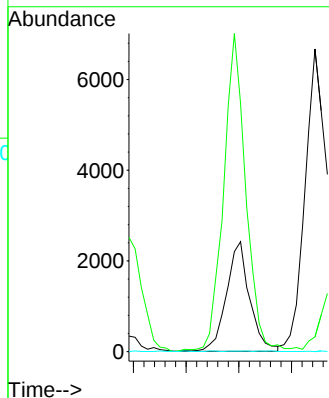
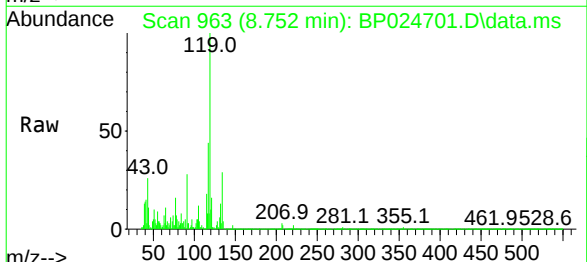
Instrument :
BNA_P
ClientSampleId :

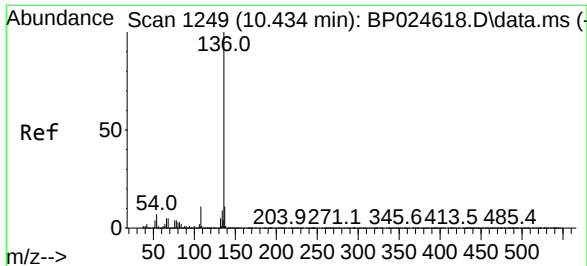
Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.4	21.6
71	36.2	29.2	43.8



#18
Hexachloroethane
Concen: 7.193 ng
RT: 8.752 min Scan# 963
Delta R.T. 0.024 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

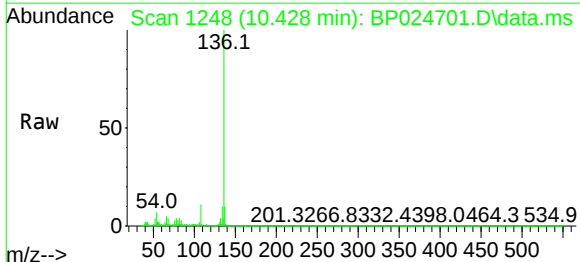
Tgt Ion	Ratio	Lower	Upper
117	100		
119	225.9	79.4	119.0#
201	0.4	82.7	124.1#



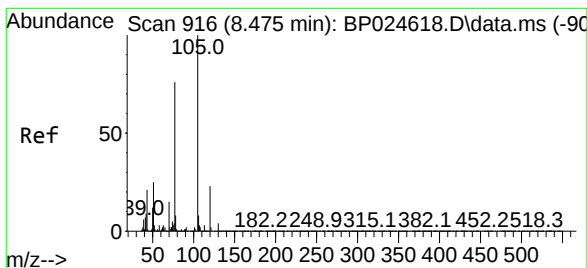
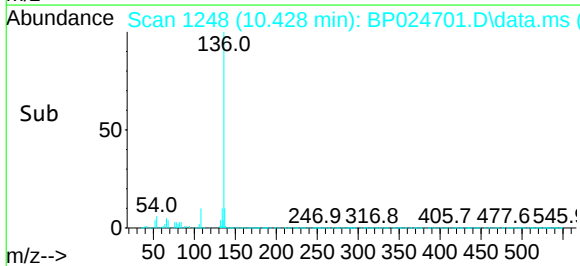
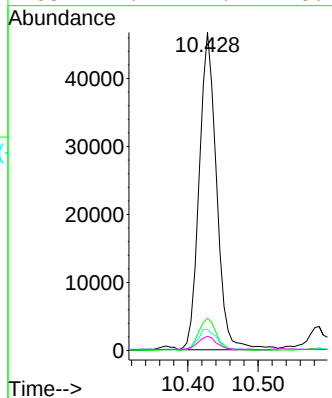


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :

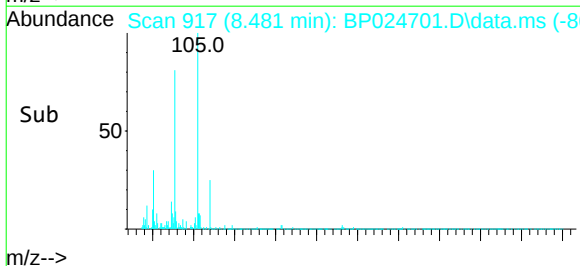
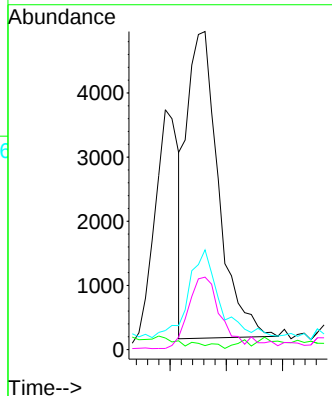
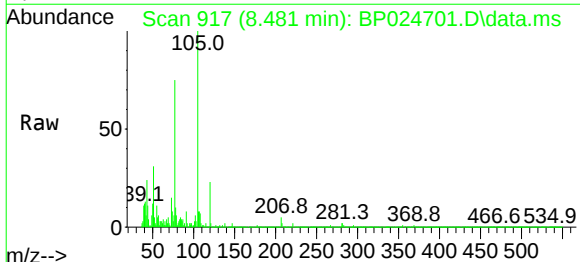


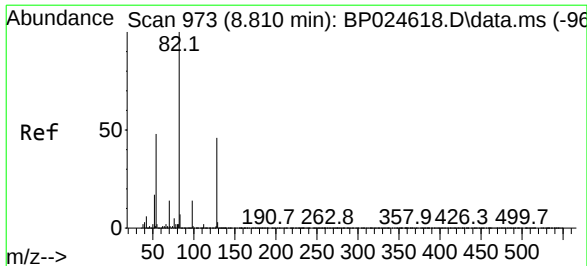
Tgt Ion	136	137	54	68
Ratio	100	10.1	6.6	4.4
Lower		8.8	5.5	4.2
Upper		13.2	8.3	6.2



#22
Acetophenone
Concen: 4.687 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion	105	71	51	120
Ratio	100	1.3	31.3	22.8
Lower		2.0	20.4	18.1
Upper		3.0#	30.6#	27.1

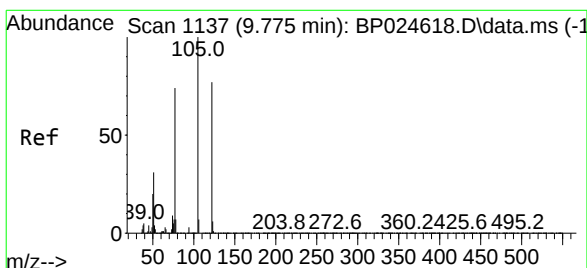
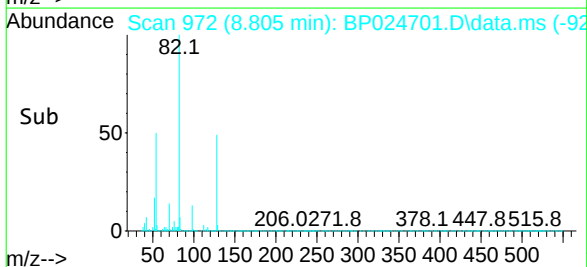
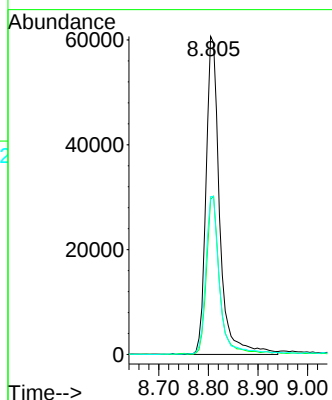
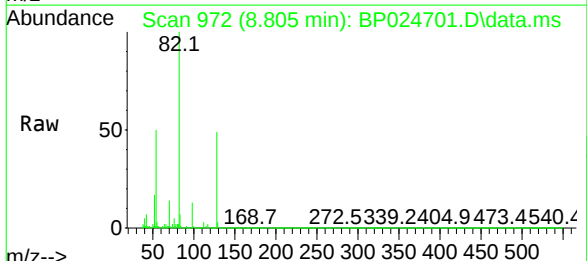




#23
Nitrobenzene-d5
Concen: 73.276 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

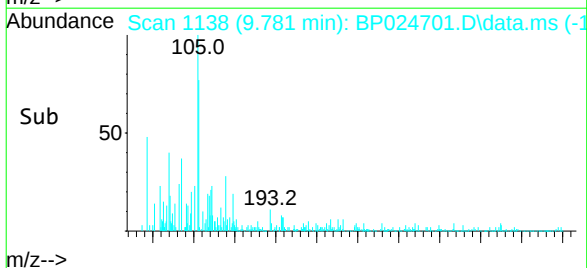
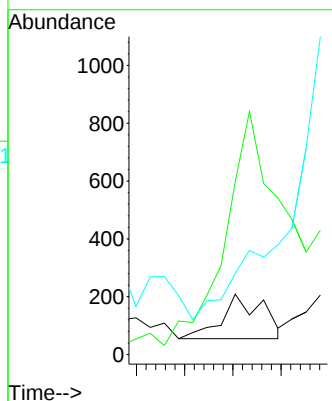
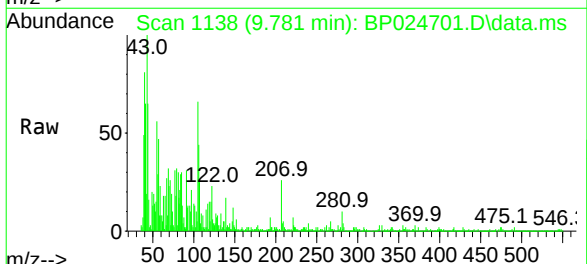
Instrument :
BNA_P
ClientSampleId :

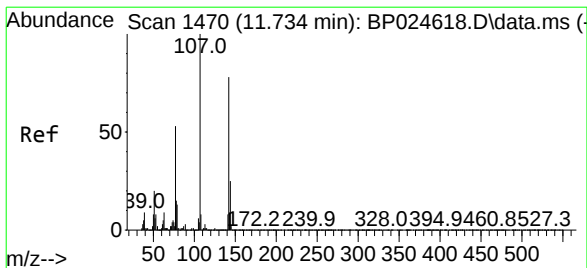
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	49.6	38.7	58.1



#32
Benzoic acid
Concen: 7.651 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

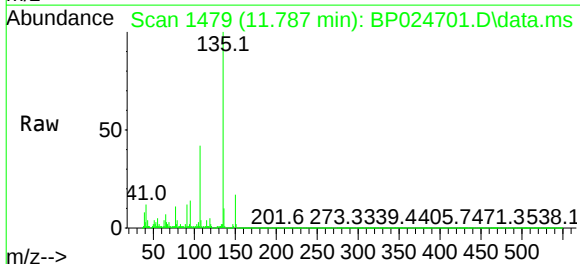
Tgt Ion	Ratio	Lower	Upper
122	100		
105	286.1	106.9	146.9#
77	134.4	75.1	115.1#



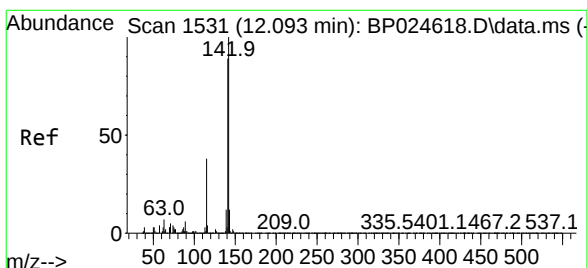
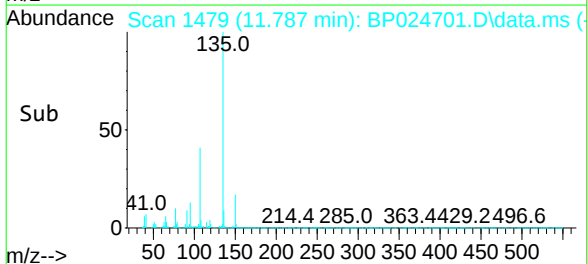
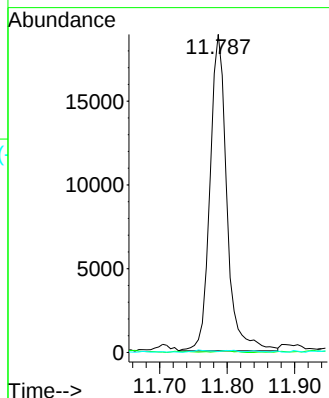


#36
4-Chloro-3-methylphenol
Concen: 23.039 ng
RT: 11.787 min Scan# 1470
Delta R.T. 0.053 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :

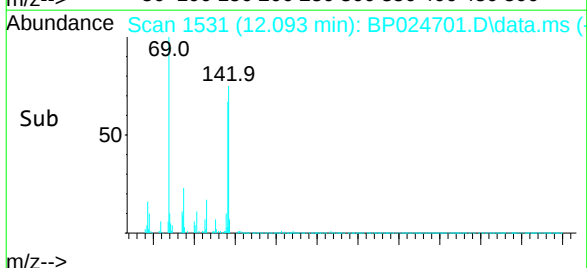
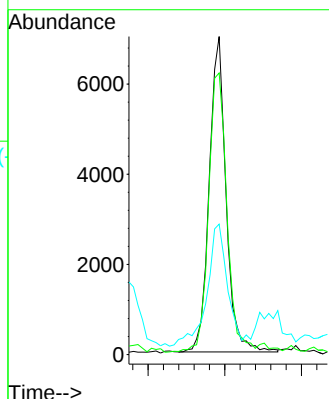
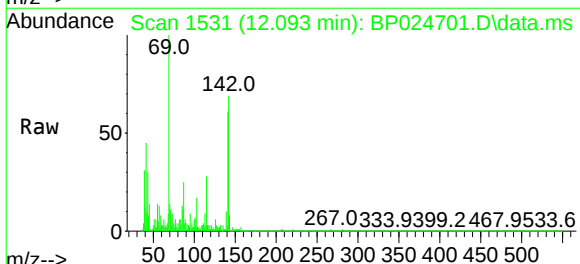


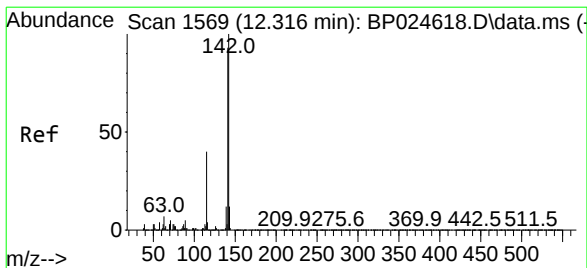
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.3	20.1	30.1#
142	0.3	62.1	93.1#



#37
2-Methylnaphthalene
Concen: 3.975 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	41.0	30.6	46.0





#38

1-Methylnaphthalene

Concen: 3.715 ng

RT: 12.093 min Scan# 15

Delta R.T. -0.223 min

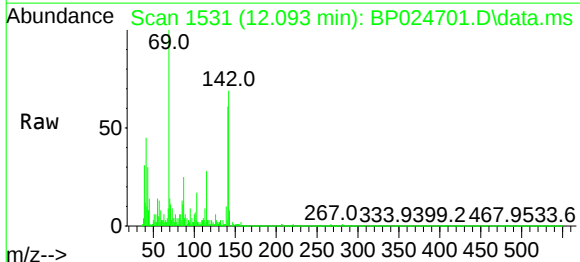
Lab File: BP024701.D

Acq: 19 May 2025 23:04

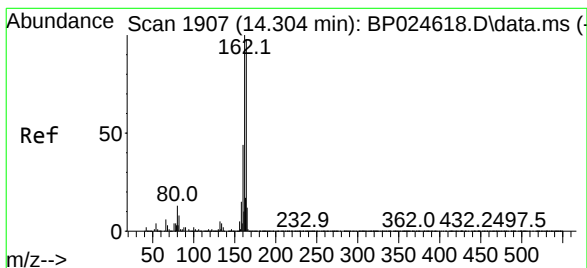
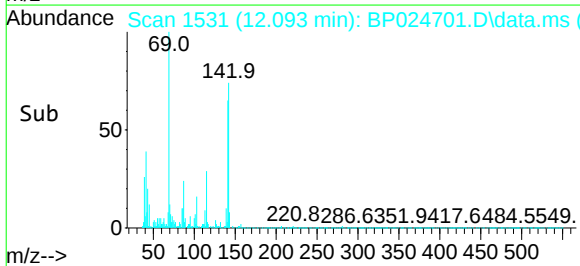
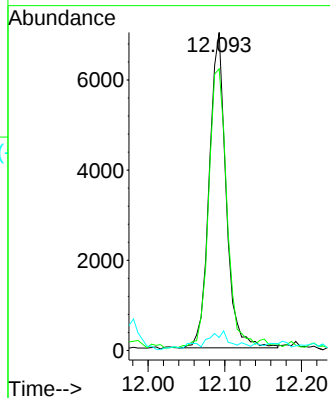
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	142	Resp:	10678
Ion Ratio	Lower	Upper	
142	100		
141	88.6	74.7	112.1
116	4.1	3.4	5.2



#39

Acenaphthene-d10

Concen: 20.000 ng

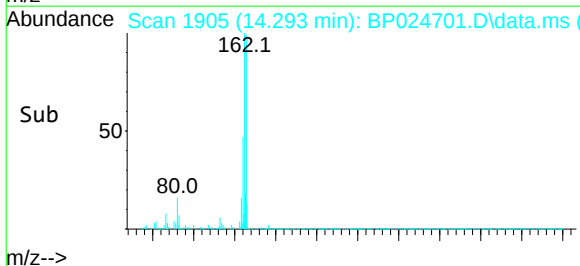
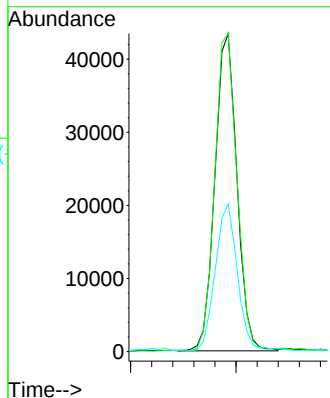
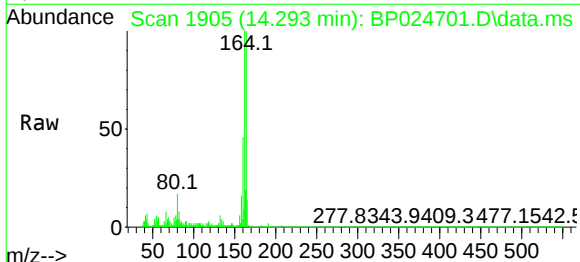
RT: 14.293 min Scan# 1905

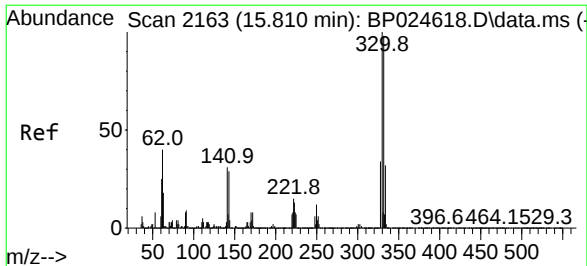
Delta R.T. -0.012 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

Tgt Ion:	164	Resp:	62869
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.8	122.6
160	46.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 178.413 ng

RT: 15.810 min Scan# 21

Delta R.T. 0.000 min

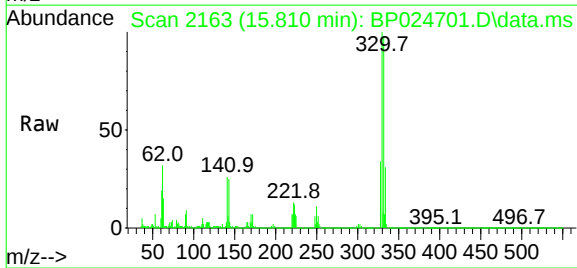
Lab File: BP024701.D

Acq: 19 May 2025 23:04

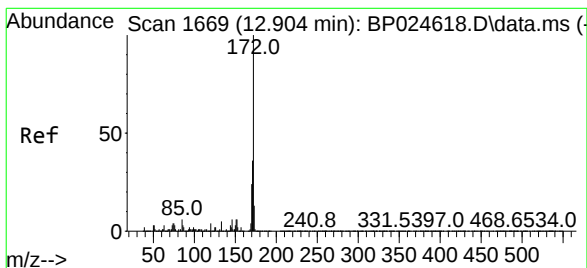
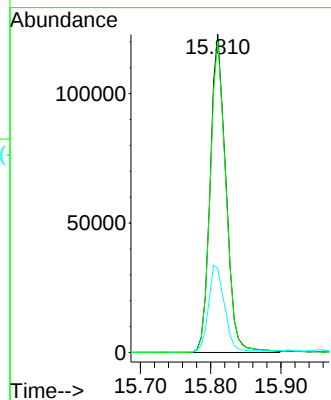
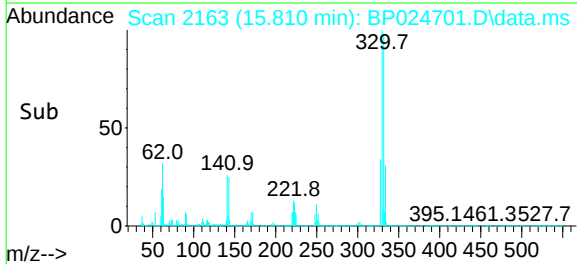
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	330	Resp:	190155
Ion Ratio	Lower	Upper	
330	100		
332	98.6	78.2	117.4
141	27.8	24.3	36.5



#45

2-Fluorobiphenyl

Concen: 68.157 ng

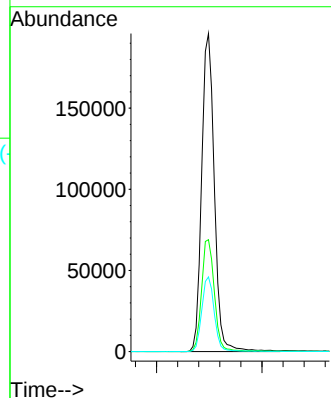
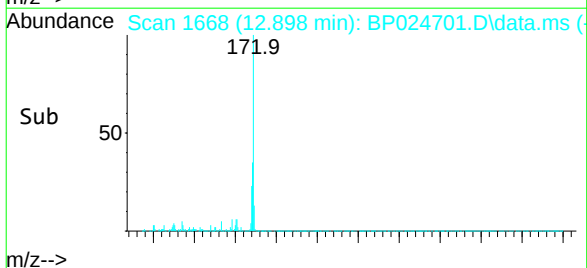
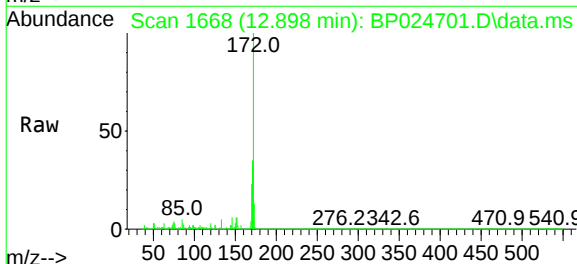
RT: 12.898 min Scan# 1668

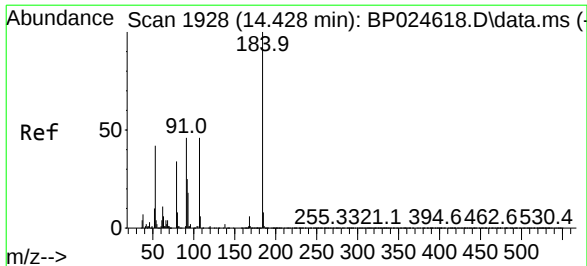
Delta R.T. -0.006 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

Tgt Ion:	172	Resp:	327066
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.8	43.2
170	23.5	18.8	28.2





#54

2,4-Dinitrophenol

Concen: 6.454 ng

RT: 14.445 min Scan# 19

Delta R.T. 0.017 min

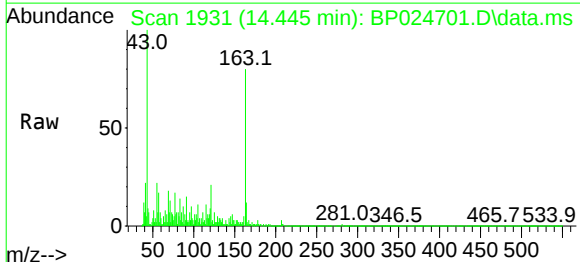
Lab File: BP024701.D

Acq: 19 May 2025 23:04

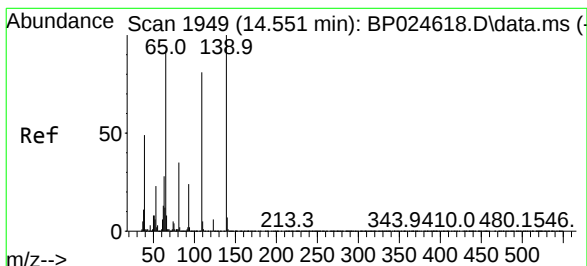
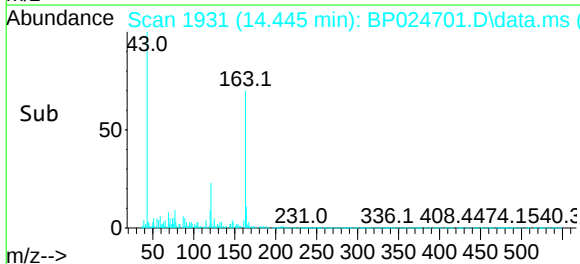
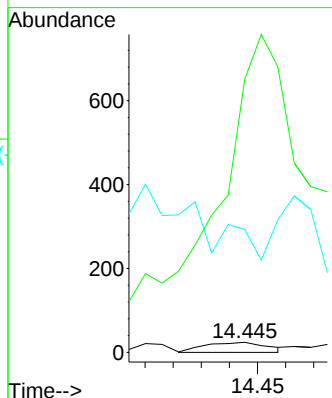
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	184	Resp:	37
Ion	Ratio	Lower	Upper
184	100		
63	2712.5	51.3	76.9#
154	1220.8	53.5	80.3#



#56

4-Nitrophenol

Concen: 5.038 ng

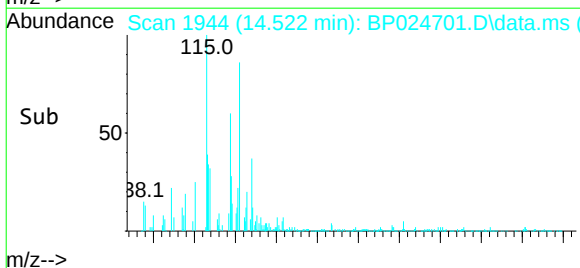
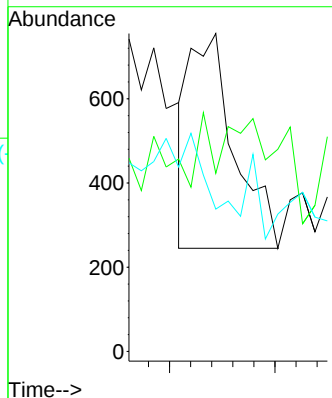
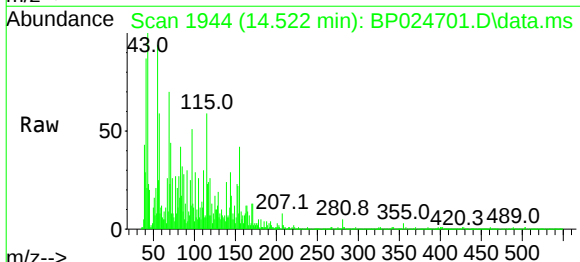
RT: 14.522 min Scan# 1944

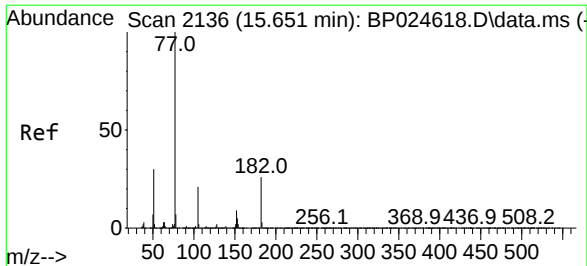
Delta R.T. -0.029 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

Tgt Ion:	139	Resp:	759
Ion	Ratio	Lower	Upper
139	100		
109	56.0	61.4	101.4#
65	44.8	72.2	112.2#





#63

Azobenzene

Concen: 5.332 ng

RT: 15.669 min Scan# 2136

Delta R.T. 0.018 min

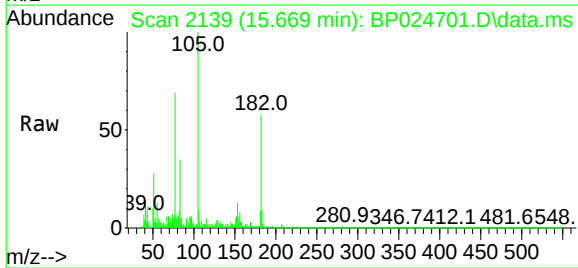
Lab File: BP024701.D

Acq: 19 May 2025 23:04

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 77 Resp: 22091

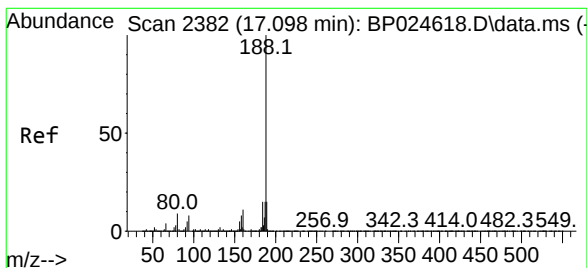
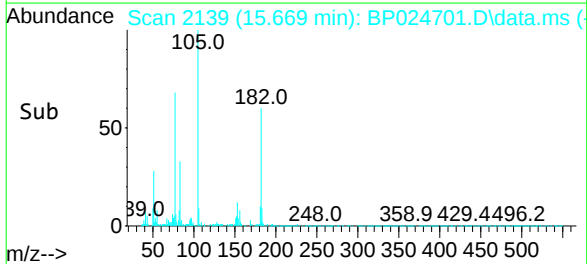
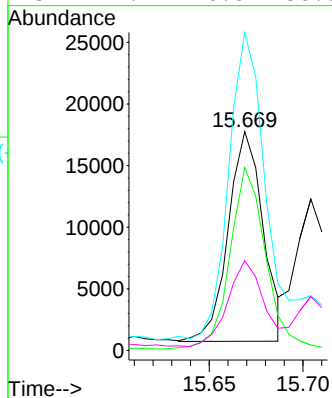
Ion Ratio Lower Upper

77 100

182 83.5 5.7 45.7#

105 145.2 1.3 41.3#

51 41.1 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 2380

Delta R.T. -0.012 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

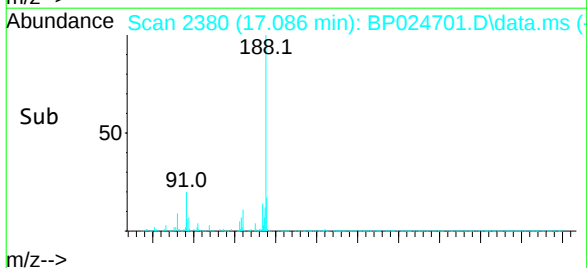
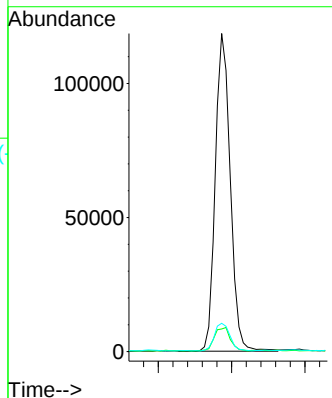
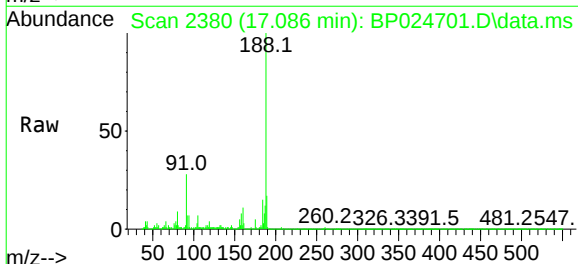
Tgt Ion: 188 Resp: 168106

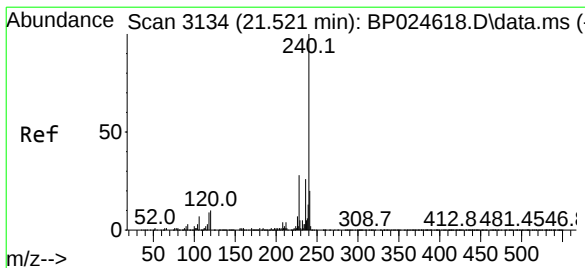
Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

80 8.9 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024701.D

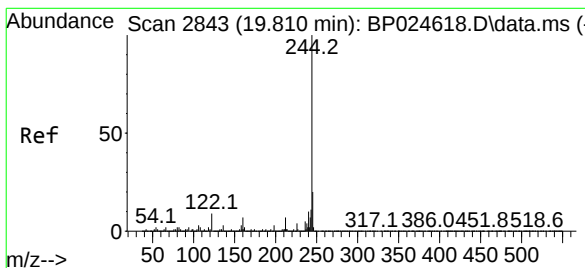
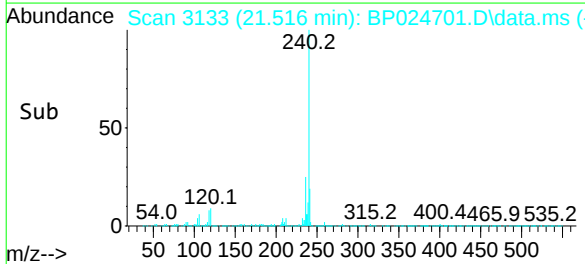
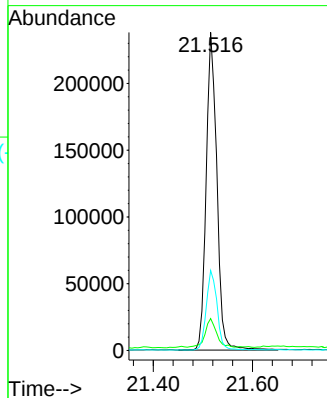
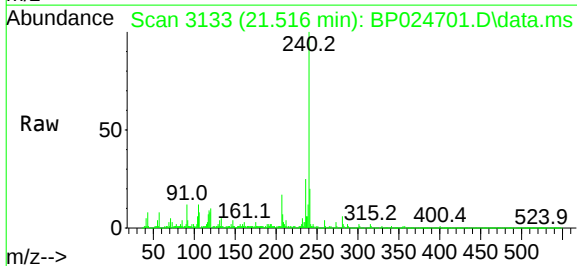
Acq: 19 May 2025 23:04

Instrument :

BNA_P

ClientSampleId :

Tgt	Ion:240	Resp:	356429
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	25.1	20.6	31.0



#79

Terphenyl-d14

Concen: 52.336 ng

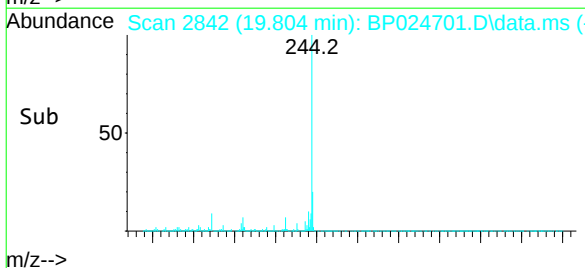
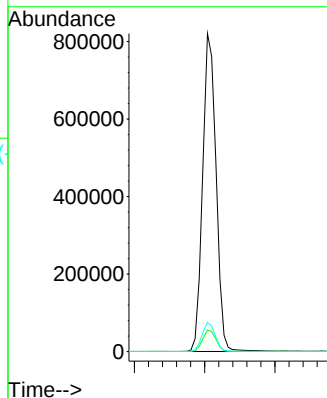
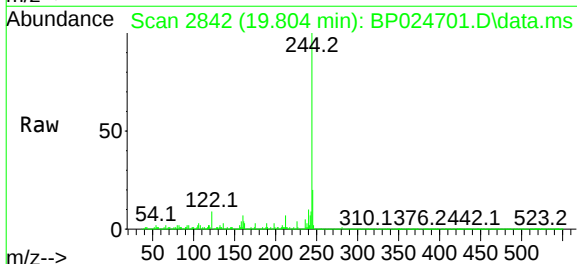
RT: 19.804 min Scan# 2842

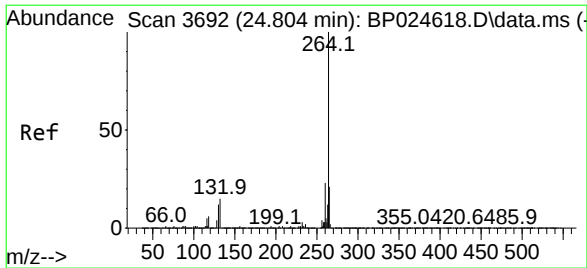
Delta R.T. -0.006 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

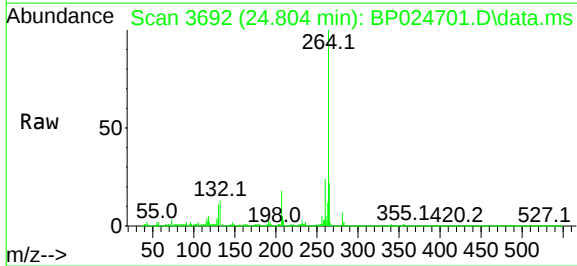
Tgt	Ion:244	Resp:	1087896
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.2	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:	264	Resp:	657126
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.2	17.0	25.6

