

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024694.D
 Acq On : 19 May 2025 18:19
 Operator : RC/JU
 Sample : Q2033-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 03:45:50 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)

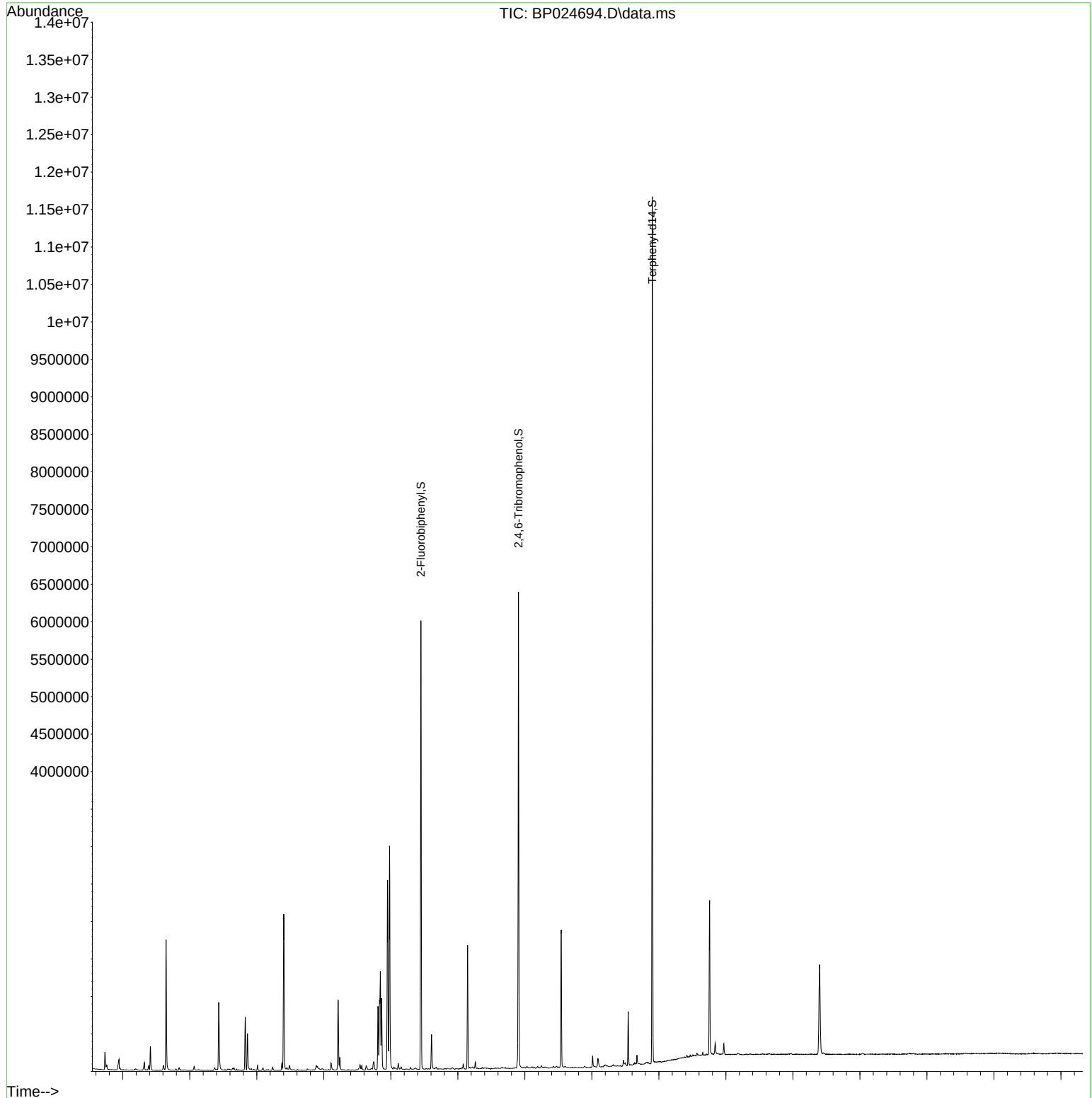
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	192352	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	773092	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	505969	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	1051807	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	1193975	20.000	ng	0.00
86) Perylene-d12	24.798	264	1245483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	768744	68.356	ng	0.00
7) Phenol-d6	6.864	99	586618	40.870	ng	0.01
23) Nitrobenzene-d5	8.805	82	1211281	79.165	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	1342886	156.557	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2970149	76.907	ng	0.00
79) Terphenyl-d14	19.804	244	6000561	86.175	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.775	122	31571	2.714	ng	Qvalue # 3
31) Naphthalene	10.475	128	115040	2.872	ng	99
32) Benzoic acid	9.775	122	31571	10.760	ng	99
54) 2,4-Dinitrophenol	14.404	184	29	6.406	ng	# 1
56) 4-Nitrophenol	14.263	139	256	4.268	ng	85

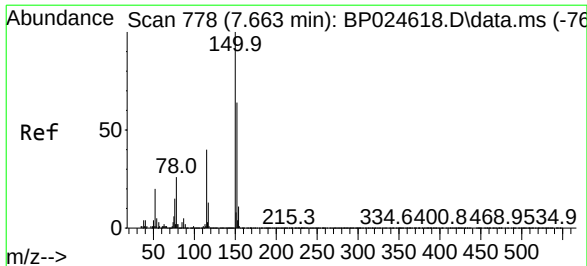
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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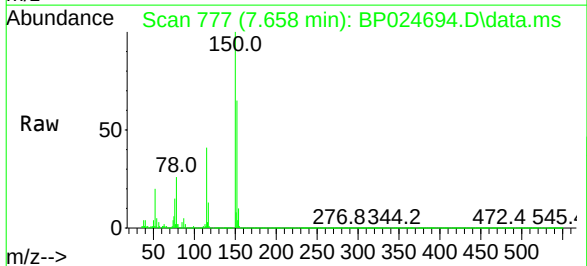
Quant Time: May 20 03:45:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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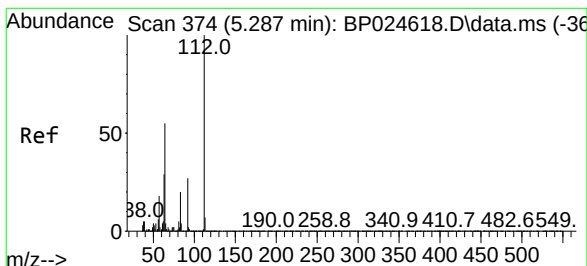
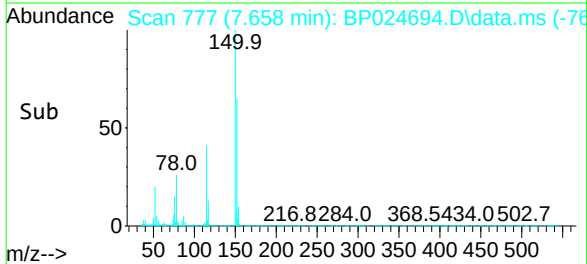
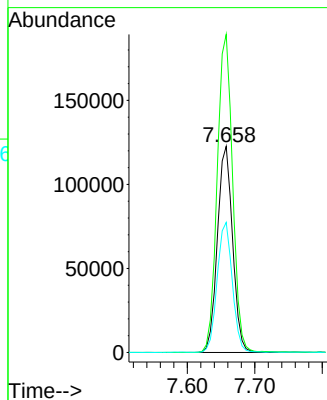


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :

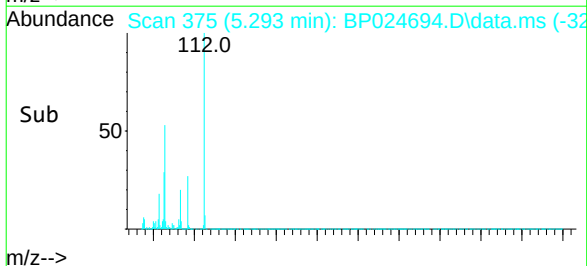
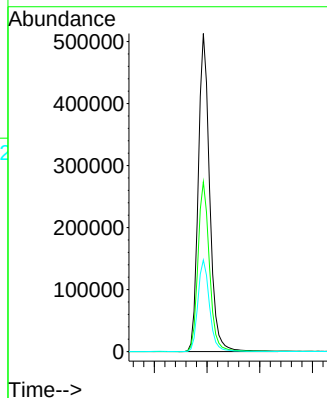
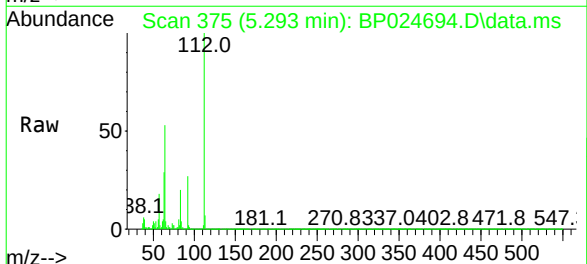


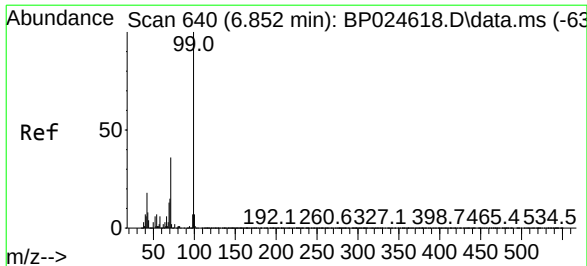
Tgt Ion:152 Resp: 192352
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 63.1 50.1 75.1



#5
2-Fluorophenol
Concen: 68.356 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion:112 Resp: 768744
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.8 23.5 35.3

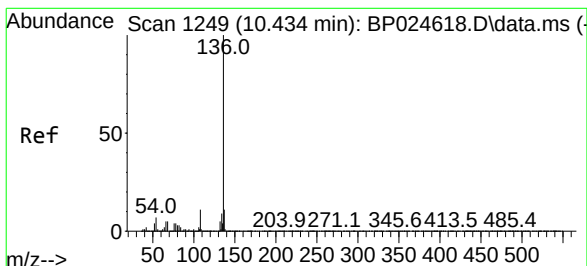
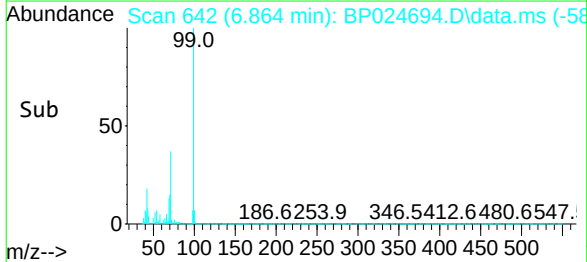
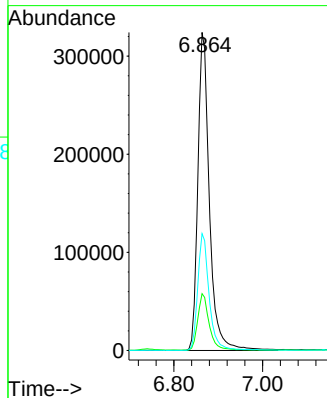
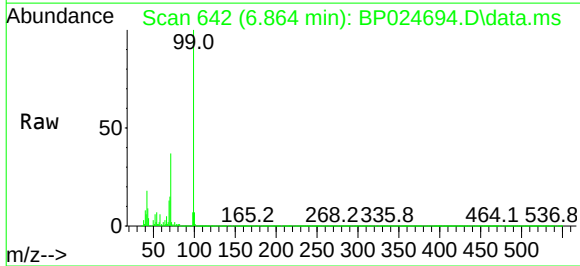




#7
Phenol-d6
Concen: 40.870 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

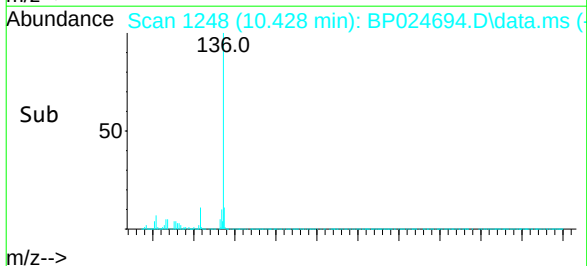
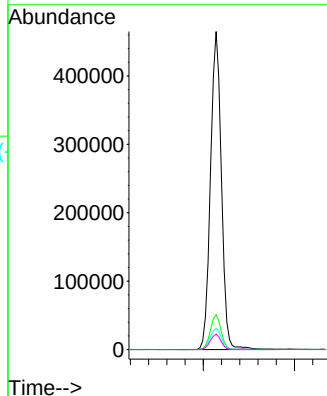
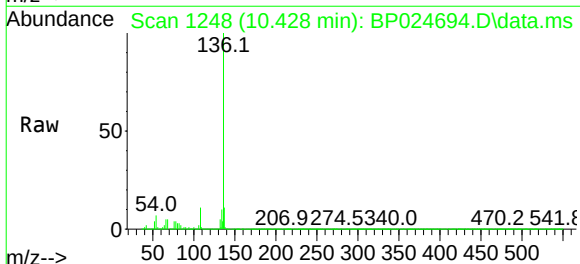
Instrument :
BNA_P
ClientSampleId :

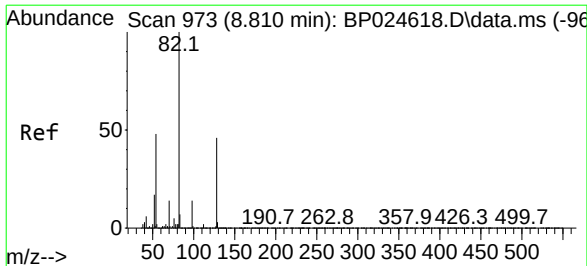
Tgt Ion: 99 Resp: 586618
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

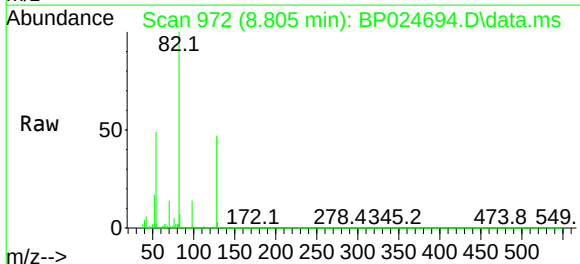
Tgt Ion: 136 Resp: 773092
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.5 8.3
68 4.8 4.2 6.2



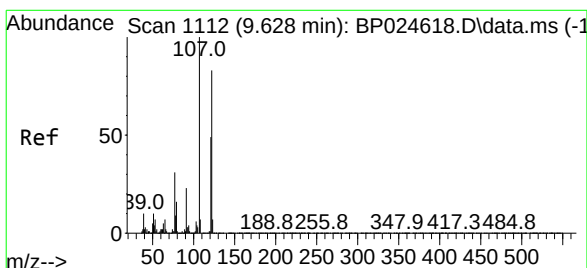
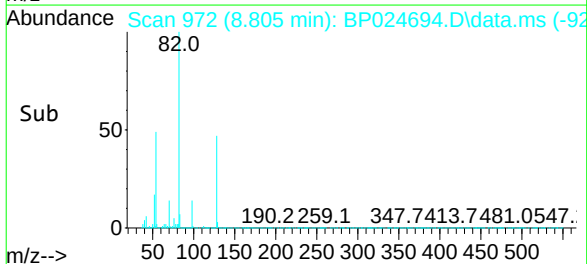
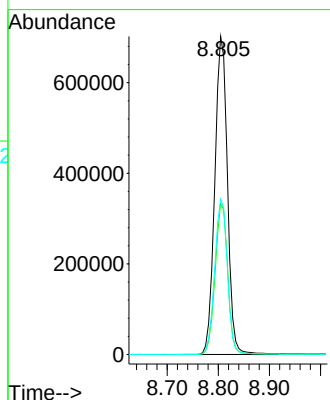


#23
Nitrobenzene-d5
Concen: 79.165 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :

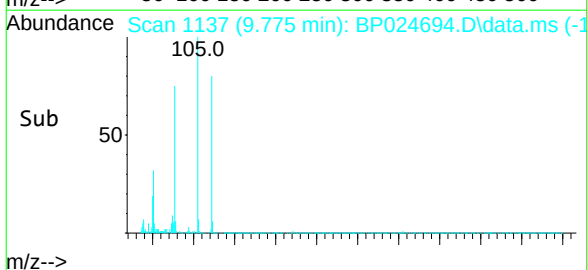
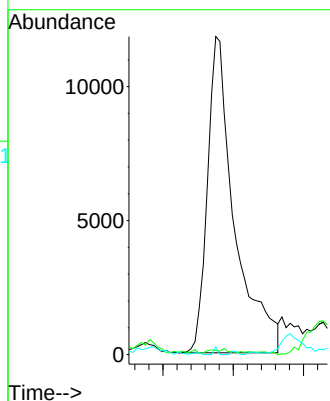
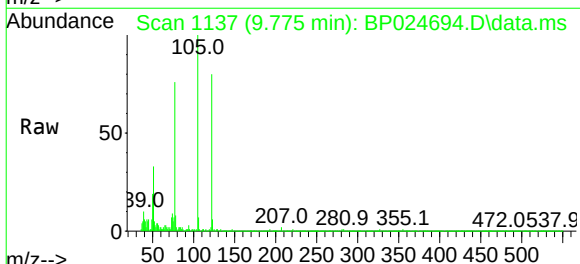


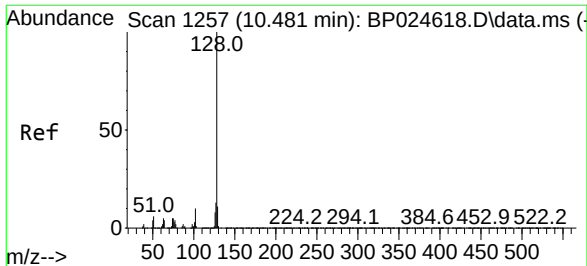
Tgt Ion: 82 Resp: 1211281
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 48.8 38.7 58.1



#27
2,4-Dimethylphenol
Concen: 2.714 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.147 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion: 122 Resp: 31571
Ion Ratio Lower Upper
122 100
107 1.2 96.2 144.2#
121 2.5 47.6 71.4#





#31

Naphthalene

Concen: 2.872 ng

RT: 10.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP024694.D

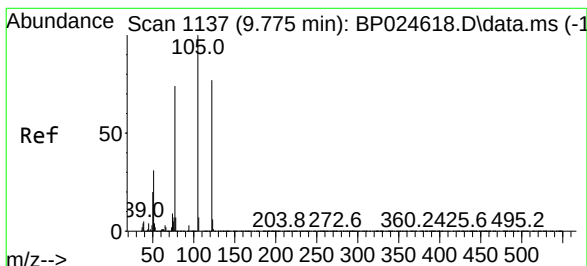
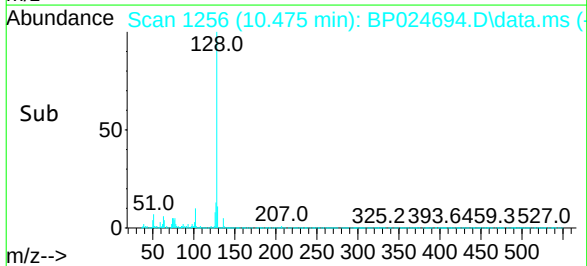
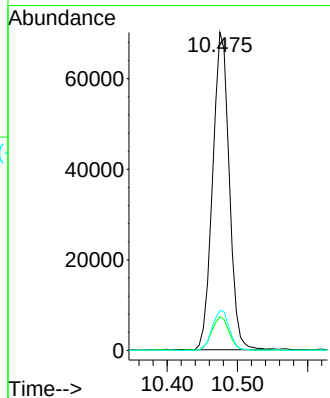
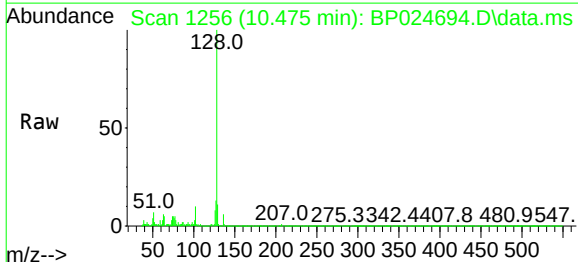
Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	128	Resp:	115040
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.6	10.7	16.1



#32

Benzoic acid

Concen: 10.760 ng

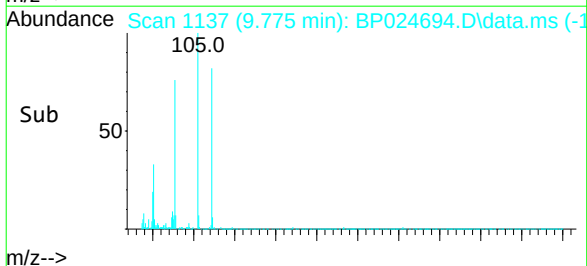
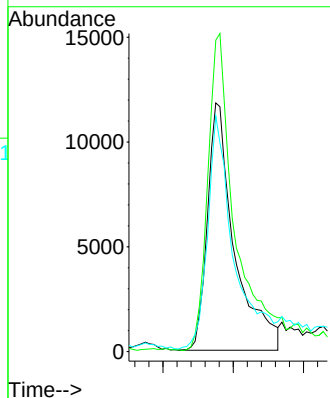
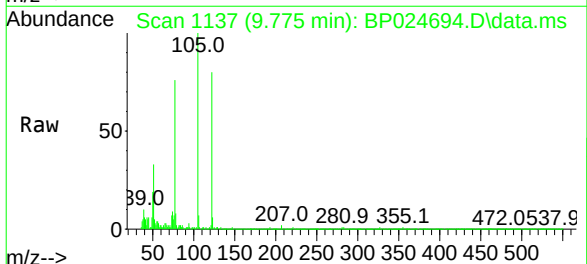
RT: 9.775 min Scan# 1137

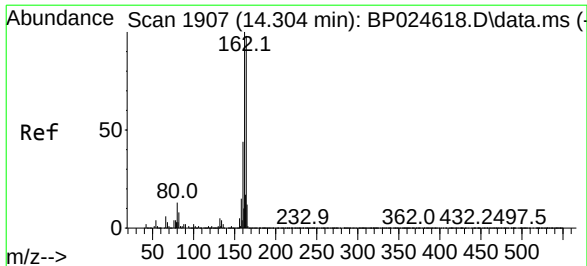
Delta R.T. 0.000 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Tgt Ion:	122	Resp:	31571
Ion	Ratio	Lower	Upper
122	100		
105	125.2	106.9	146.9
77	94.7	75.1	115.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.293 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024694.D

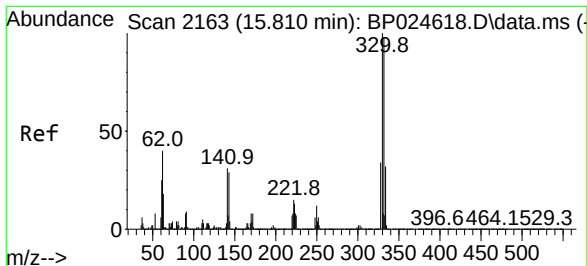
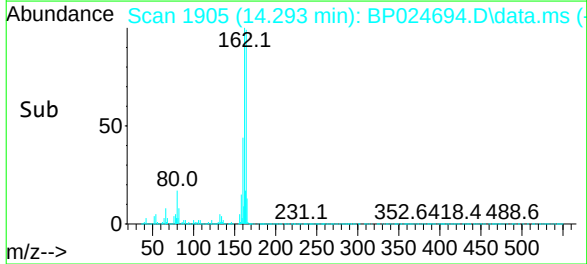
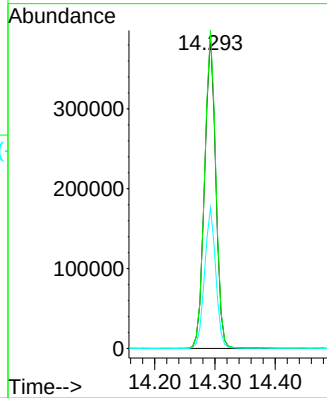
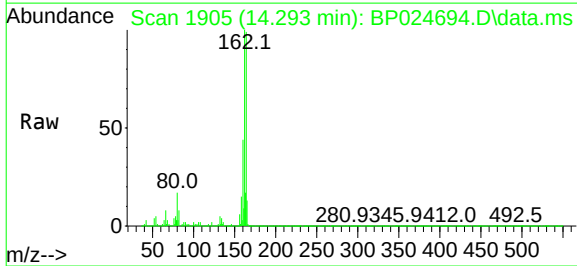
Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	164	Resp:	505969
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.6
160	44.9	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 156.557 ng

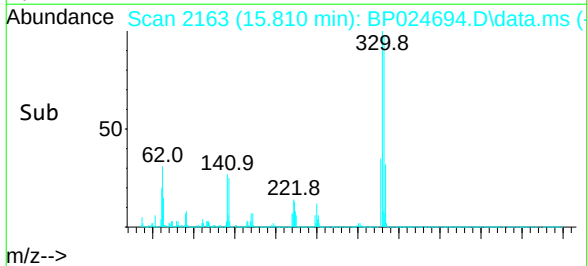
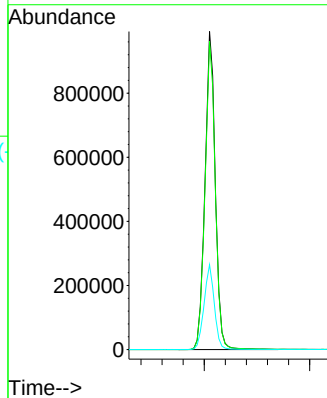
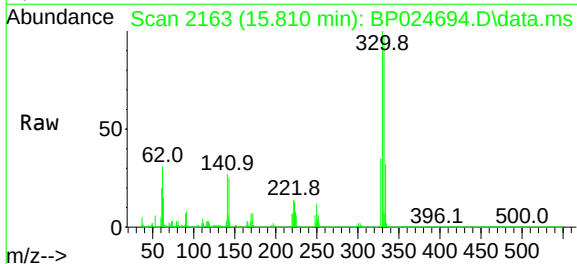
RT: 15.810 min Scan# 2163

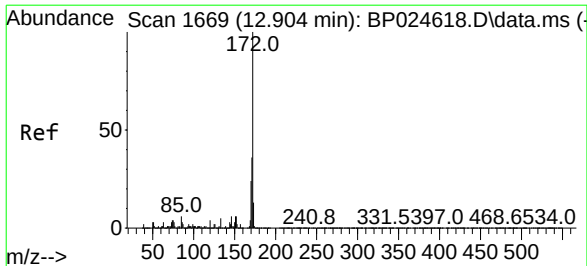
Delta R.T. 0.000 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Tgt Ion:	330	Resp:	1342886
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	26.8	24.3	36.5





#45

2-Fluorobiphenyl

Concen: 76.907 ng

RT: 12.898 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

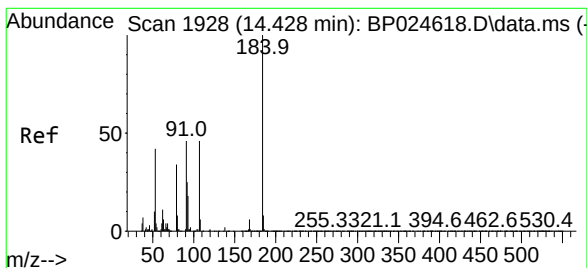
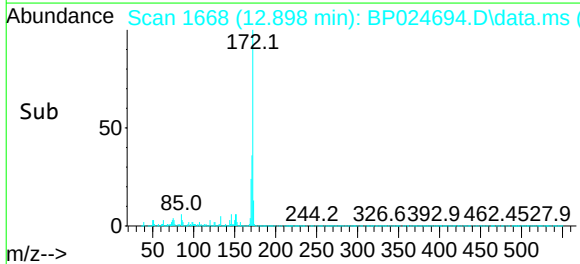
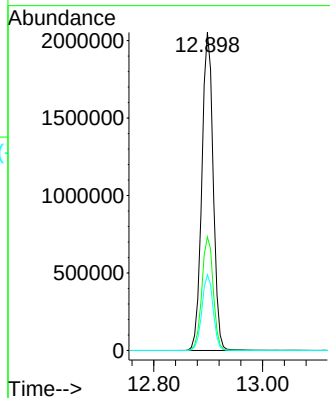
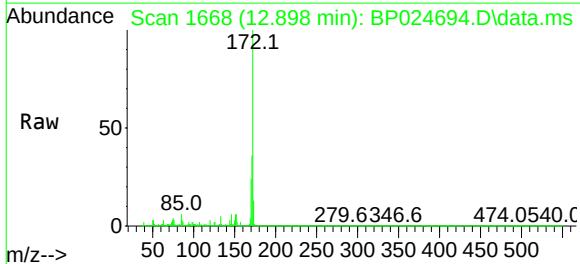
Tgt Ion:172 Resp: 2970149

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.406 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

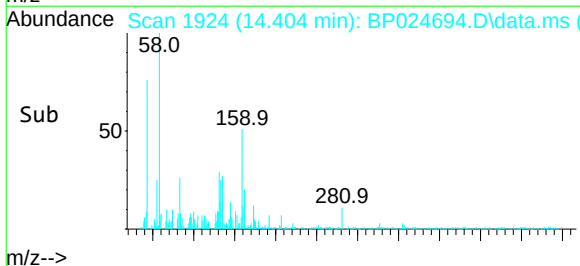
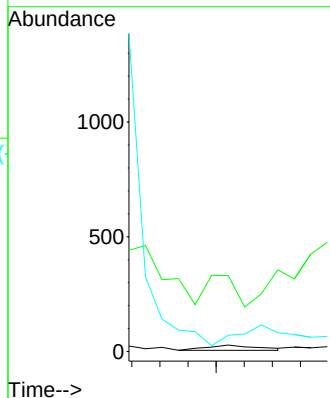
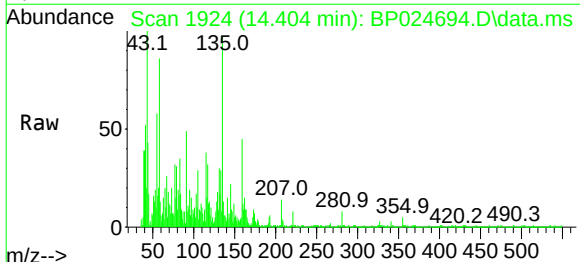
Tgt Ion:184 Resp: 29

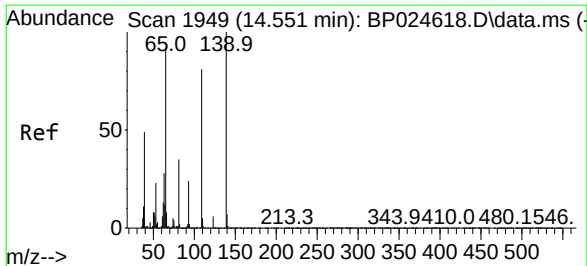
Ion Ratio Lower Upper

184 100

63 1182.1 51.3 76.9#

154 253.6 53.5 80.3#





#56

4-Nitrophenol

Concen: 4.268 ng

RT: 14.263 min Scan# 19

Delta R.T. -0.288 min

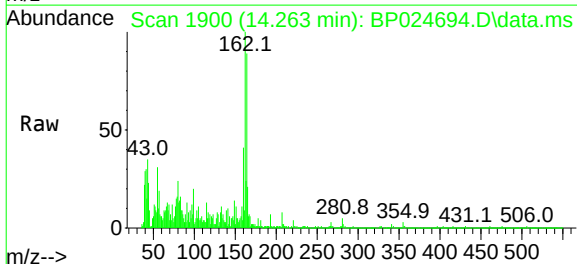
Lab File: BP024694.D

Acq: 19 May 2025 18:19

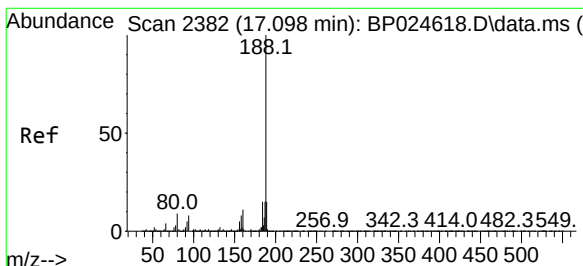
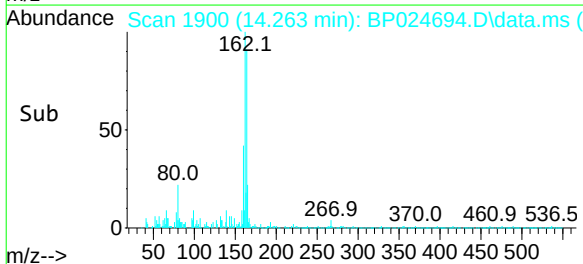
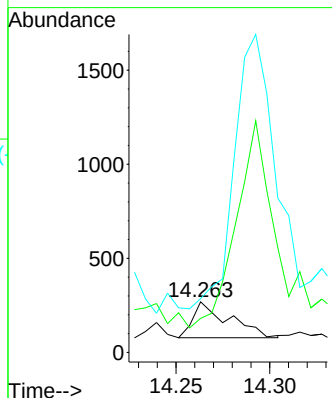
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	139	Resp:	256
Ion	Ratio	Lower	Upper
139	100		
109	67.3	61.4	101.4
65	106.3	72.2	112.2



#64

Phenanthrene-d10

Concen: 20.000 ng

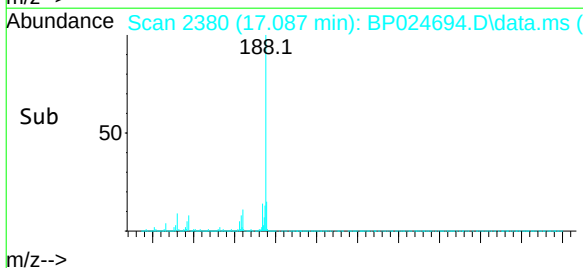
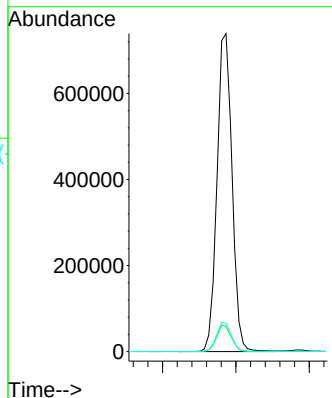
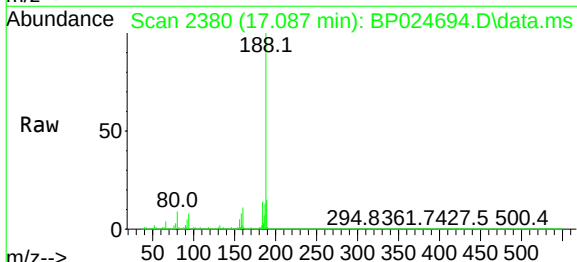
RT: 17.087 min Scan# 2380

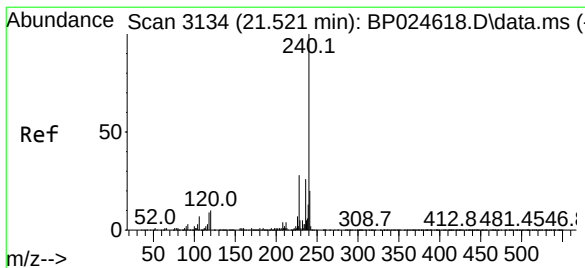
Delta R.T. -0.012 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Tgt Ion:	188	Resp:	1051807
Ion	Ratio	Lower	Upper
188	100		
94	8.0	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

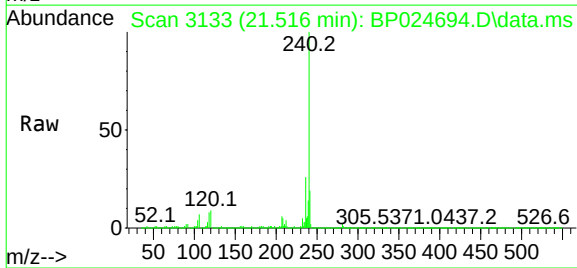
Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

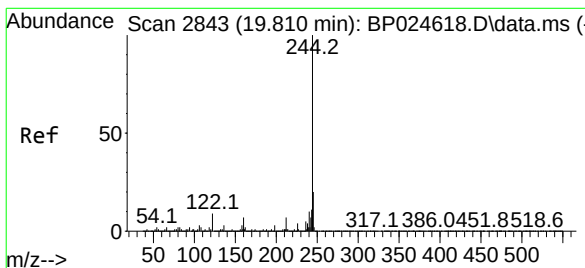
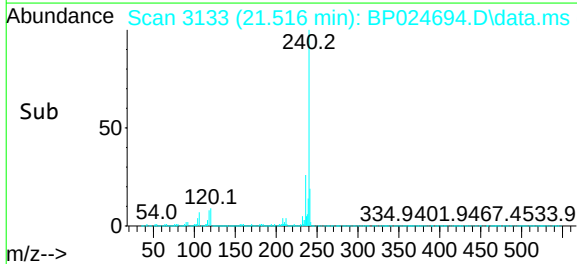
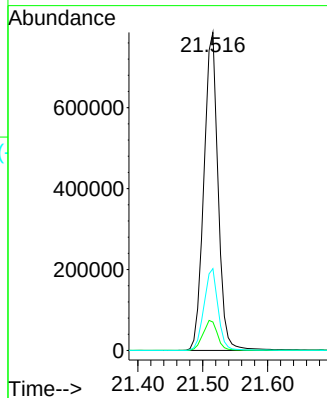
BNA_P

ClientSampleId :



Tgt Ion:240 Resp: 1193975

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	25.7	20.6	31.0



#79

Terphenyl-d14

Concen: 86.175 ng

RT: 19.804 min Scan# 2842

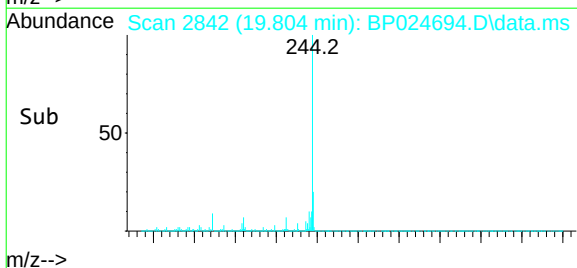
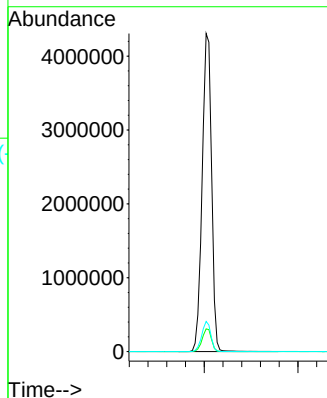
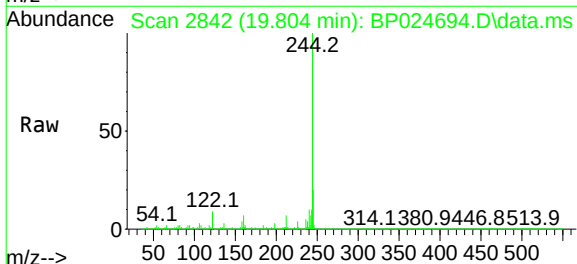
Delta R.T. -0.006 min

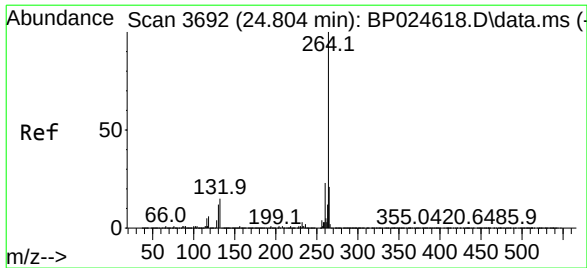
Lab File: BP024694.D

Acq: 19 May 2025 18:19

Tgt Ion:244 Resp: 6000561

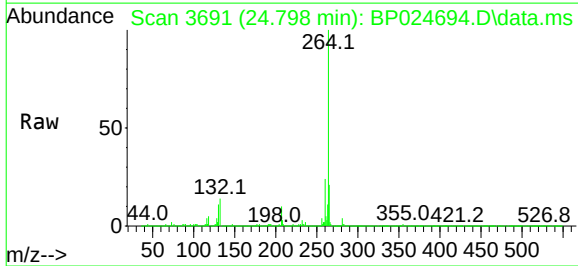
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.5	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 36
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 1245483
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 17.0 25.6

