

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024695.D
 Acq On : 19 May 2025 18:59
 Operator : RC/JU
 Sample : Q2068-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 03:46:21 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)

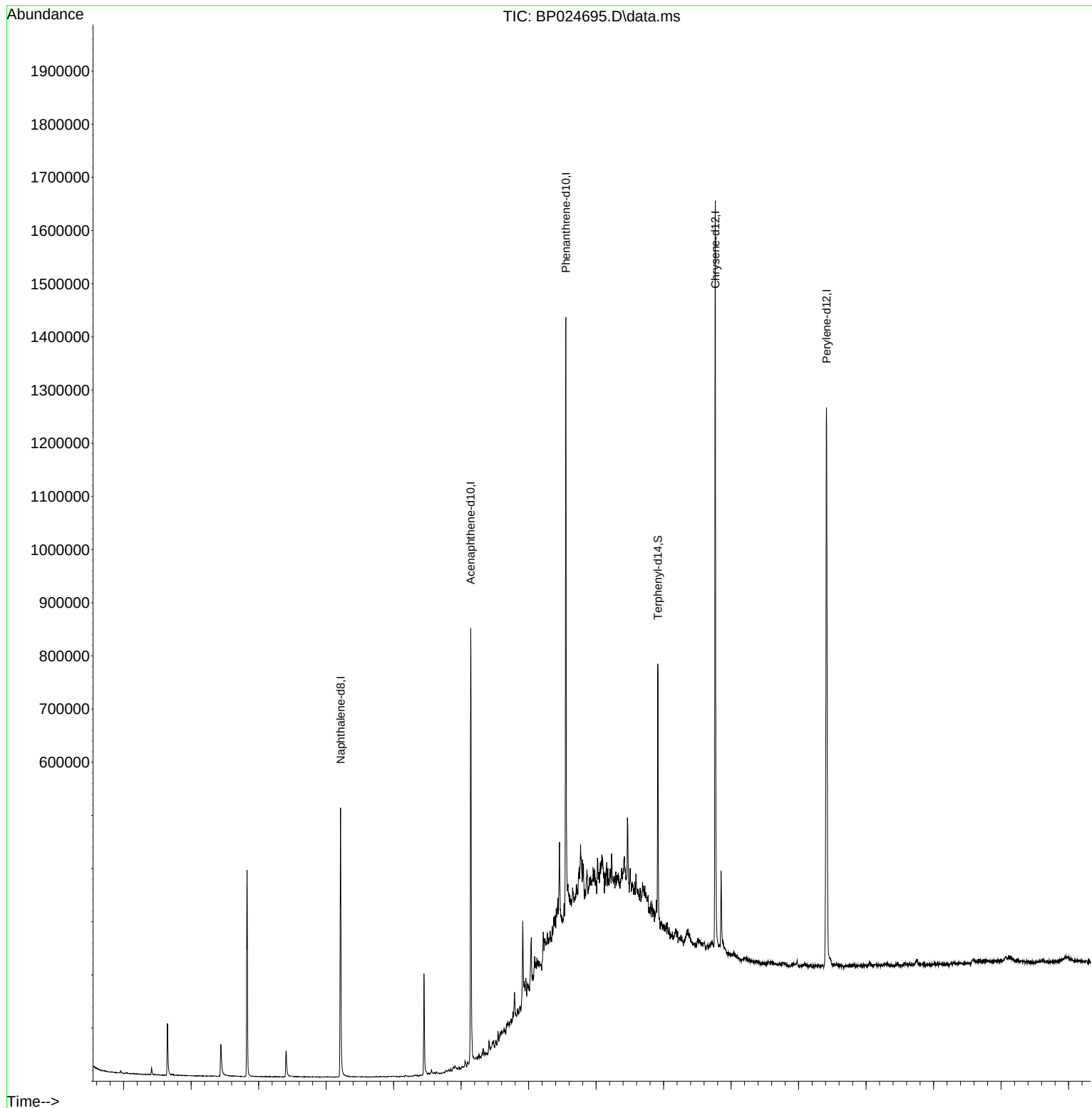
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	111988	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	458830	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	296128	20.000	ng	-0.02
64) Phenanthrene-d10	17.104	188	637889	20.000	ng	0.00
76) Chrysene-d12	21.533	240	850839	20.000	ng	0.01
86) Perylene-d12	24.827	264	1063203	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	55029	8.404	ng	0.01
7) Phenol-d6	6.881	99	58560	7.008	ng	0.03
23) Nitrobenzene-d5	8.816	82	37332	4.111	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	39327	7.834	ng	0.02
45) 2-Fluorobiphenyl	12.899	172	110950	4.909	ng	0.00
79) Terphenyl-d14	19.828	244	241700	4.871	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	16	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	7	6.403	ng	# 1
56) 4-Nitrophenol	14.534	139	95	4.255	ng	# 1

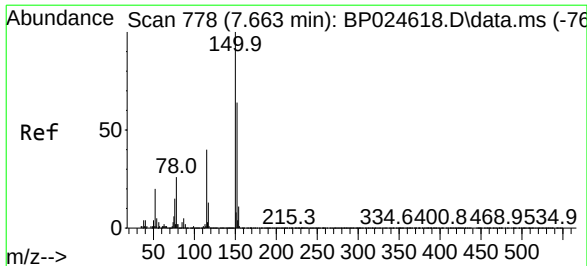
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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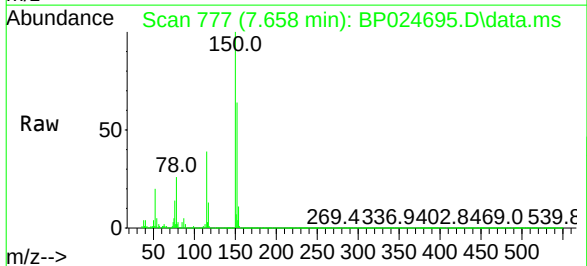
Quant Time: May 20 03:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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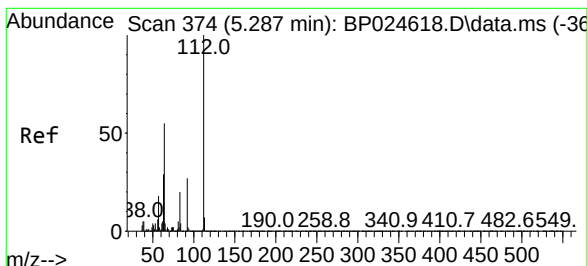
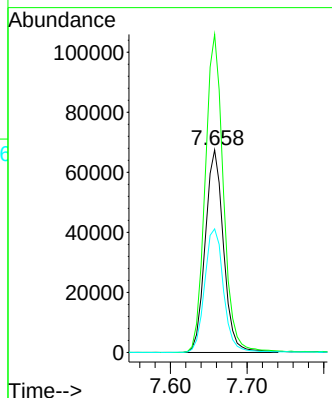
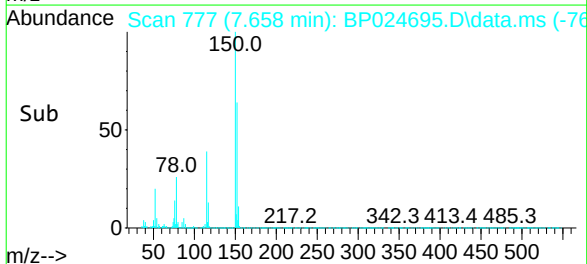


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

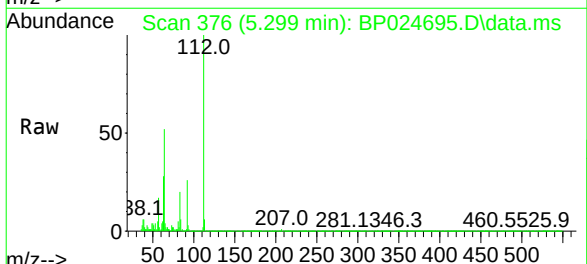
Instrument :
BNA_P
ClientSampleId :



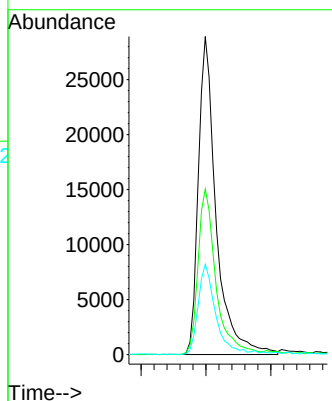
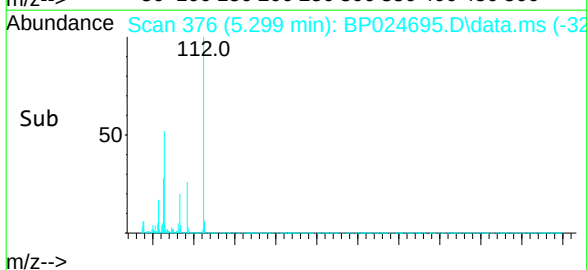
Tgt Ion:152 Resp: 111988
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 61.0 50.1 75.1

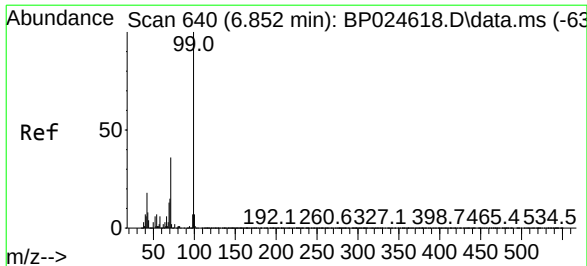


#5
2-Fluorophenol
Concen: 8.404 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59



Tgt Ion:112 Resp: 55029
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.4 23.5 35.3

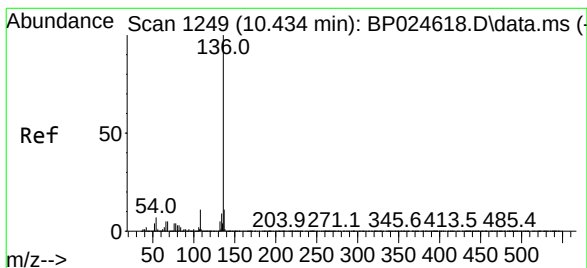
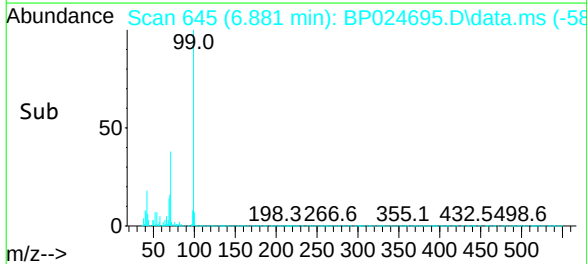
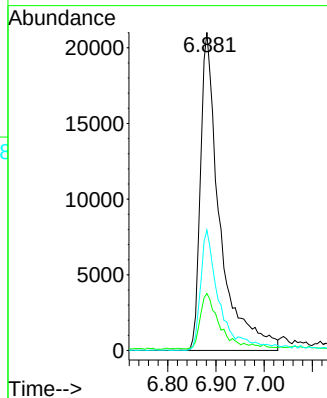
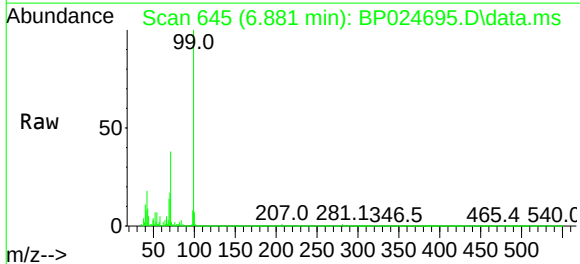




#7
Phenol-d6
Concen: 7.008 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.030 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

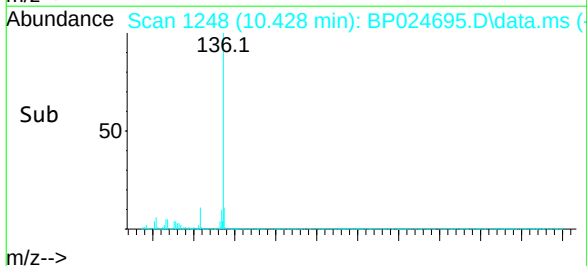
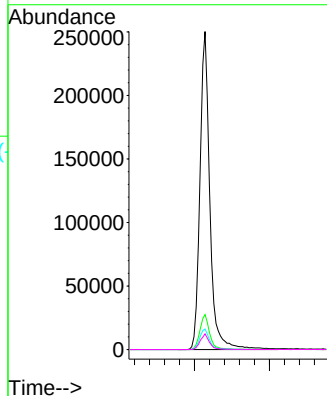
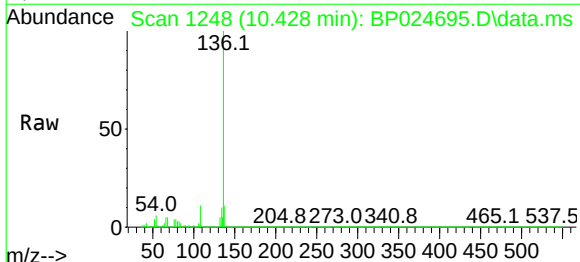
Instrument :
BNA_P
ClientSampleId :

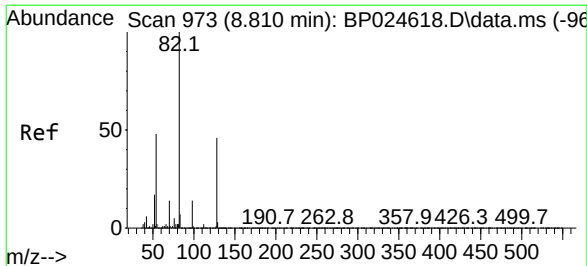
Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	37.8	29.2	43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.5	8.3
68	4.9	4.2	6.2





#23

Nitrobenzene-d5

Concen: 4.111 ng

RT: 8.816 min Scan# 97

Delta R.T. 0.006 min

Lab File: BP024695.D

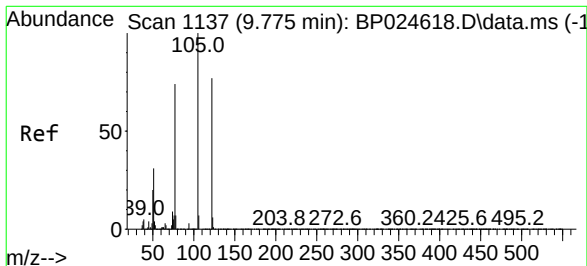
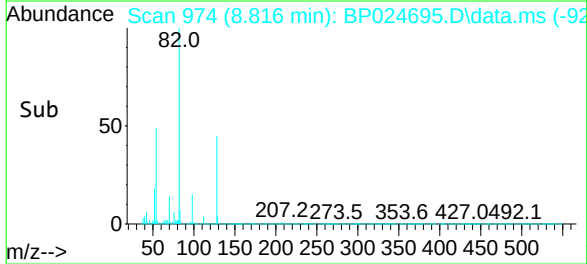
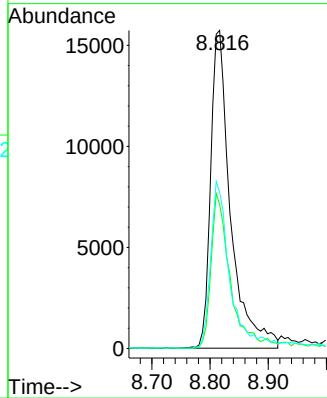
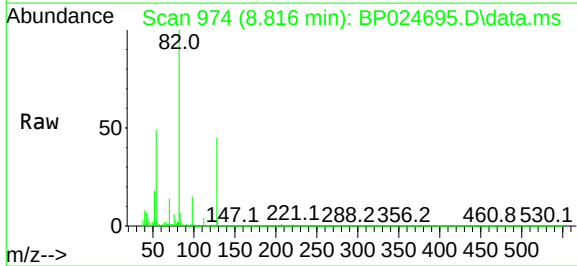
Acq: 19 May 2025 18:59

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 82	Resp: 37332
Ion Ratio	Lower Upper
82 100	
128 45.3	37.0 55.4
54 49.1	38.7 58.1



#32

Benzoic acid

Concen: 7.471 ng

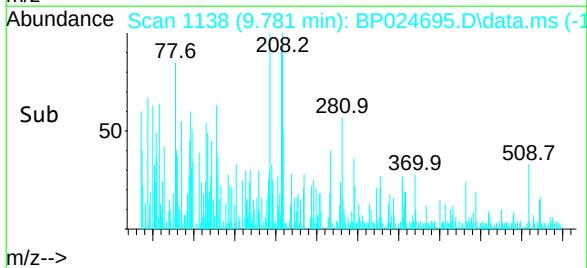
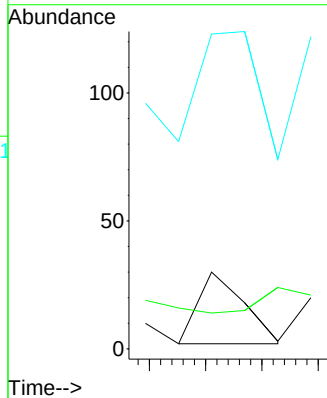
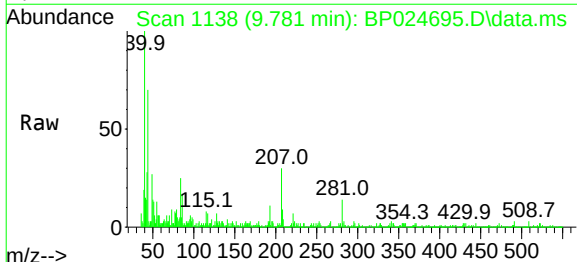
RT: 9.781 min Scan# 1138

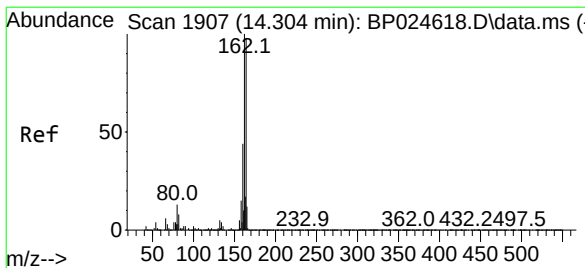
Delta R.T. 0.006 min

Lab File: BP024695.D

Acq: 19 May 2025 18:59

Tgt Ion: 122	Resp: 16
Ion Ratio	Lower Upper
122 100	
105 46.7	106.9 146.9#
77 410.0	75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024695.D

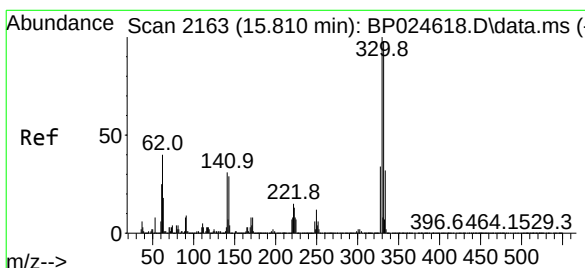
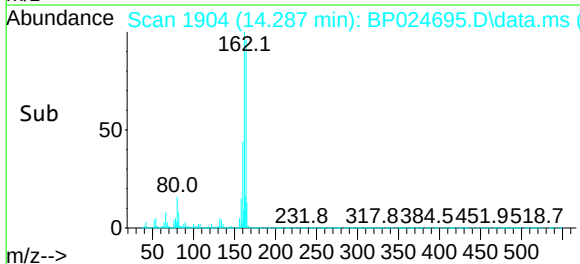
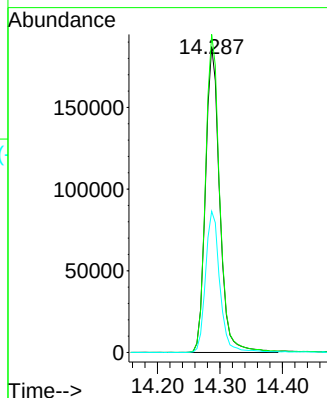
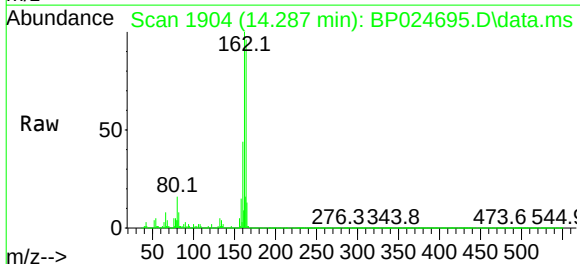
Acq: 19 May 2025 18:59

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	164	Resp:	296128
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.6
160	46.2	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 7.834 ng

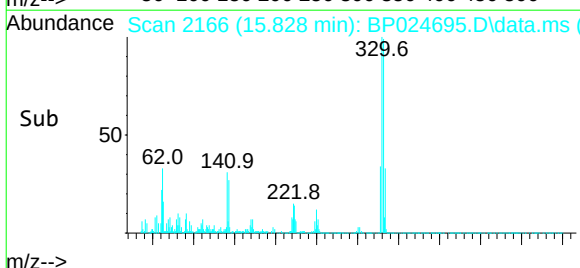
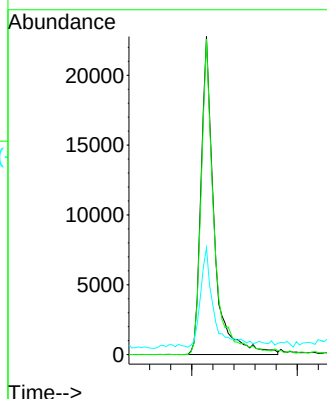
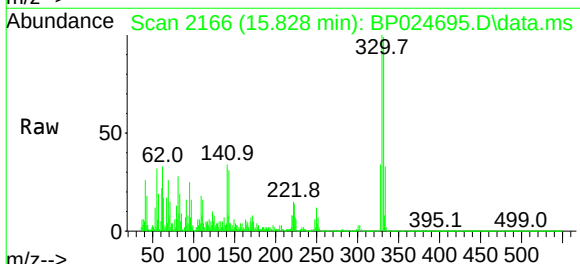
RT: 15.828 min Scan# 2166

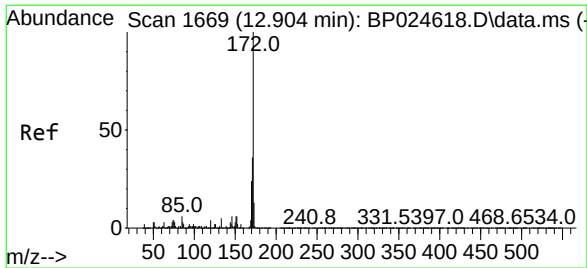
Delta R.T. 0.018 min

Lab File: BP024695.D

Acq: 19 May 2025 18:59

Tgt Ion:	330	Resp:	39327
Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	31.5	24.3	36.5





#45

2-Fluorobiphenyl

Concen: 4.909 ng

RT: 12.899 min Scan# 16

Delta R.T. -0.006 min

Lab File: BP024695.D

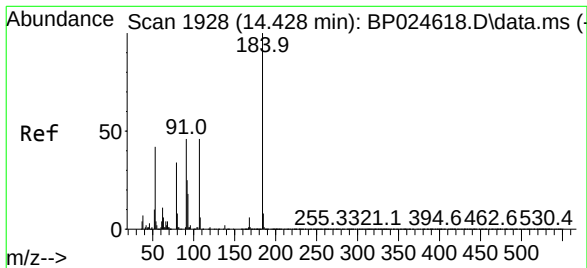
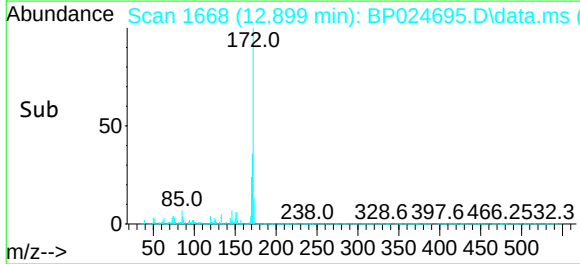
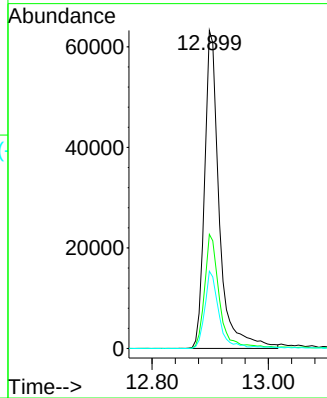
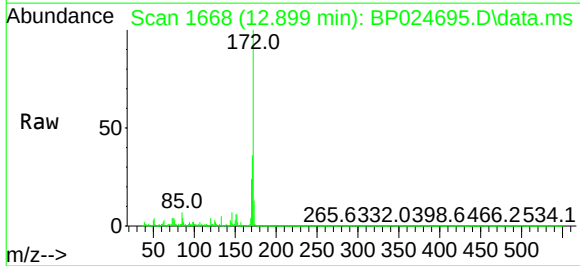
Acq: 19 May 2025 18:59

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	172	Resp:	110950
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.8	43.2
170	24.3	18.8	28.2



#54

2,4-Dinitrophenol

Concen: 6.403 ng

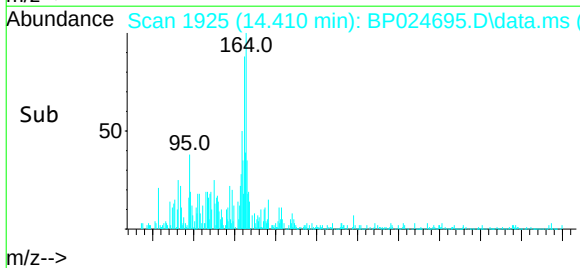
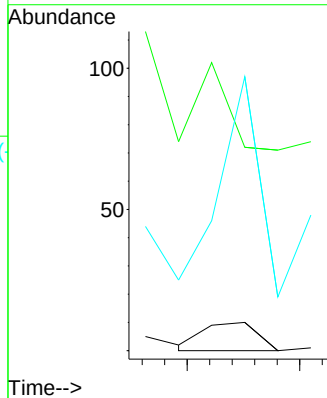
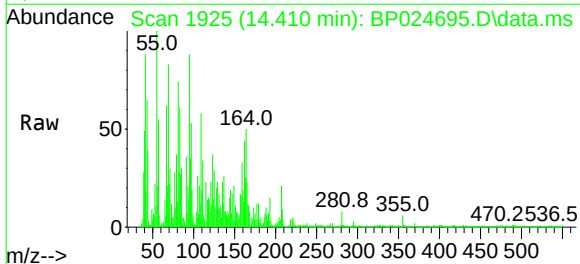
RT: 14.410 min Scan# 1925

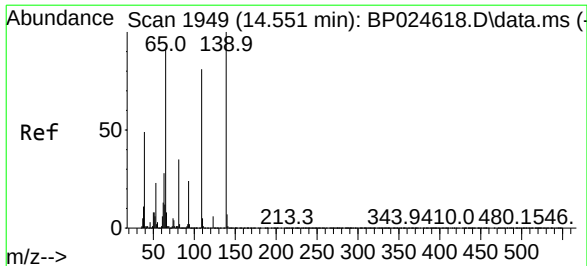
Delta R.T. -0.018 min

Lab File: BP024695.D

Acq: 19 May 2025 18:59

Tgt Ion:	184	Resp:	7
Ion Ratio	Lower	Upper	
184	100		
63	720.0	51.3	76.9#
154	970.0	53.5	80.3#





#56

4-Nitrophenol

Concen: 4.255 ng

RT: 14.534 min Scan# 19

Delta R.T. -0.017 min

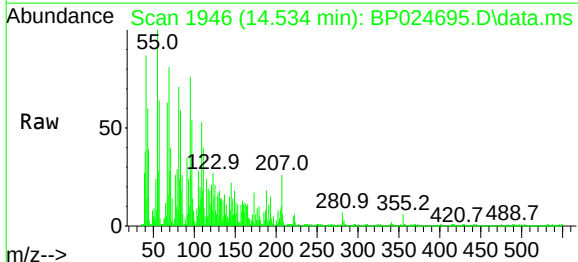
Lab File: BP024695.D

Acq: 19 May 2025 18:59

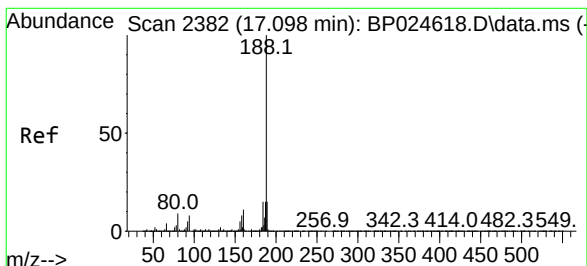
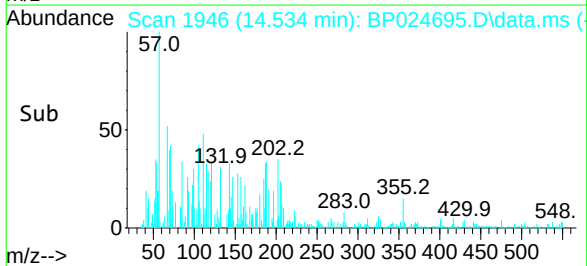
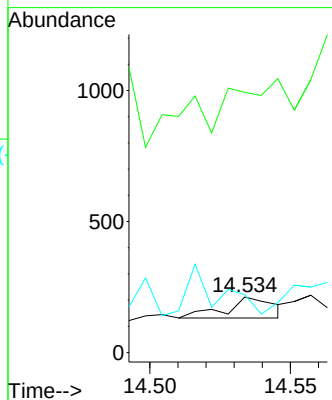
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	139	Resp:	95
Ion	Ratio	Lower	Upper
139	100		
109	468.4	61.4	101.4#
65	104.2	72.2	112.2



#64

Phenanthrene-d10

Concen: 20.000 ng

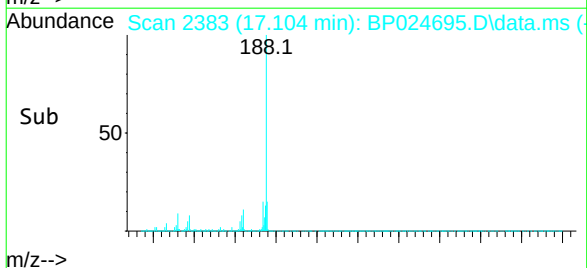
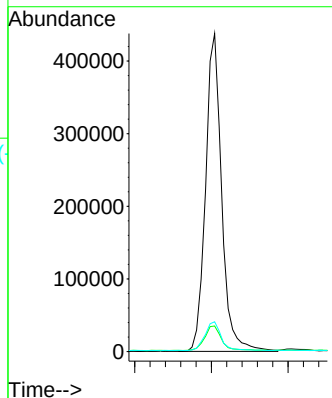
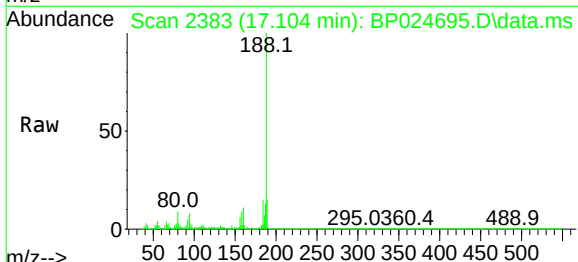
RT: 17.104 min Scan# 2383

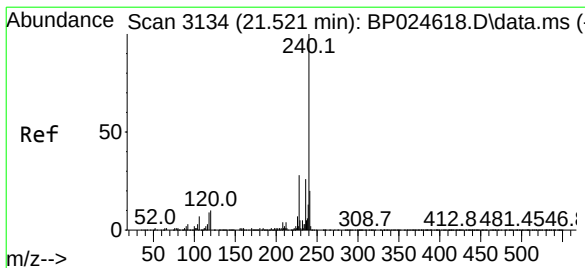
Delta R.T. 0.006 min

Lab File: BP024695.D

Acq: 19 May 2025 18:59

Tgt Ion:	188	Resp:	637889
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.4	7.3	10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024695.D

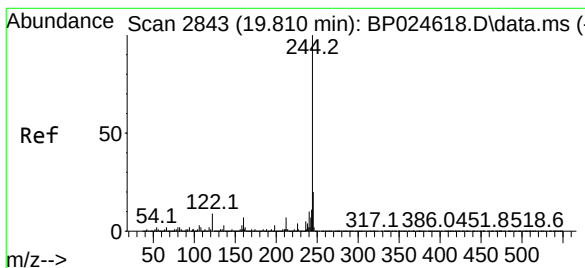
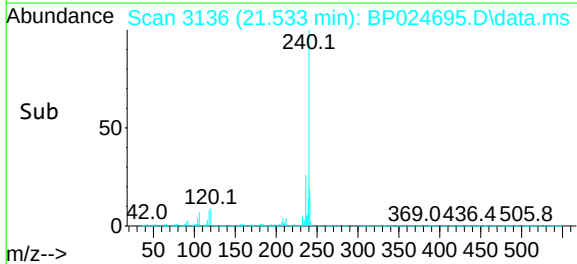
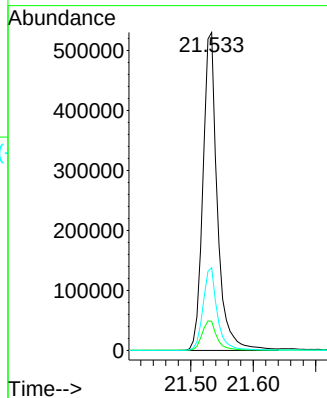
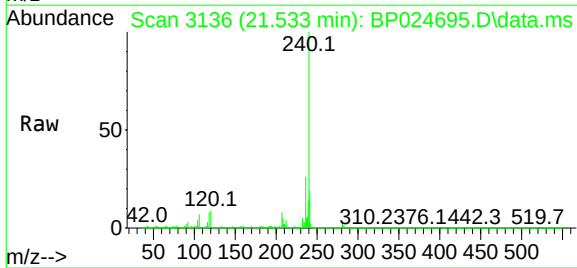
Acq: 19 May 2025 18:59

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:240	Resp: 850839
Ion Ratio	Lower Upper
240 100	
120 9.2	7.8 11.6
236 26.0	20.6 31.0



#79

Terphenyl-d14

Concen: 4.871 ng

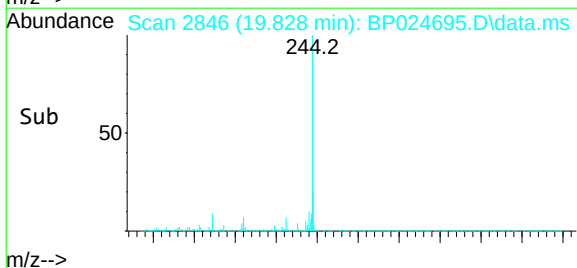
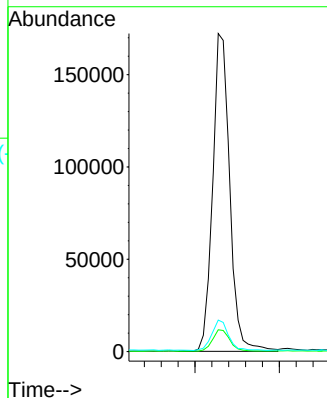
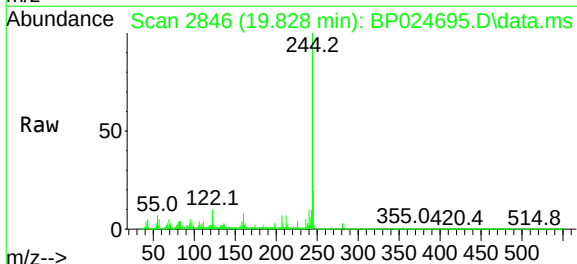
RT: 19.828 min Scan# 2846

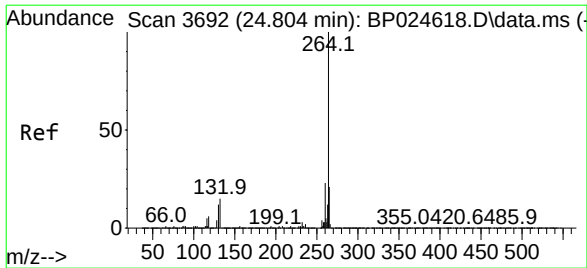
Delta R.T. 0.018 min

Lab File: BP024695.D

Acq: 19 May 2025 18:59

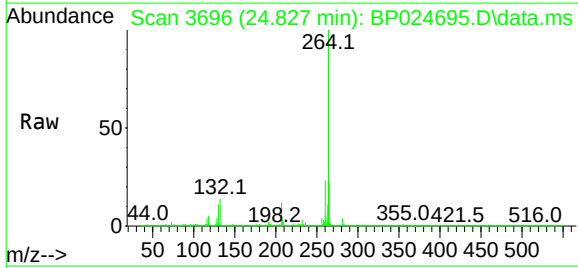
Tgt Ion:244	Resp: 241700
Ion Ratio	Lower Upper
244 100	
212 6.8	5.5 8.3
122 9.9	7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3696
 Delta R.T. 0.024 min
 Lab File: BP024695.D
 Acq: 19 May 2025 18:59

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 1063203
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 22.4 17.0 25.6

