

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024785.D
 Acq On : 23 May 2025 09:19
 Operator : RC/JU
 Sample : Q2097-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 10:38:07 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)

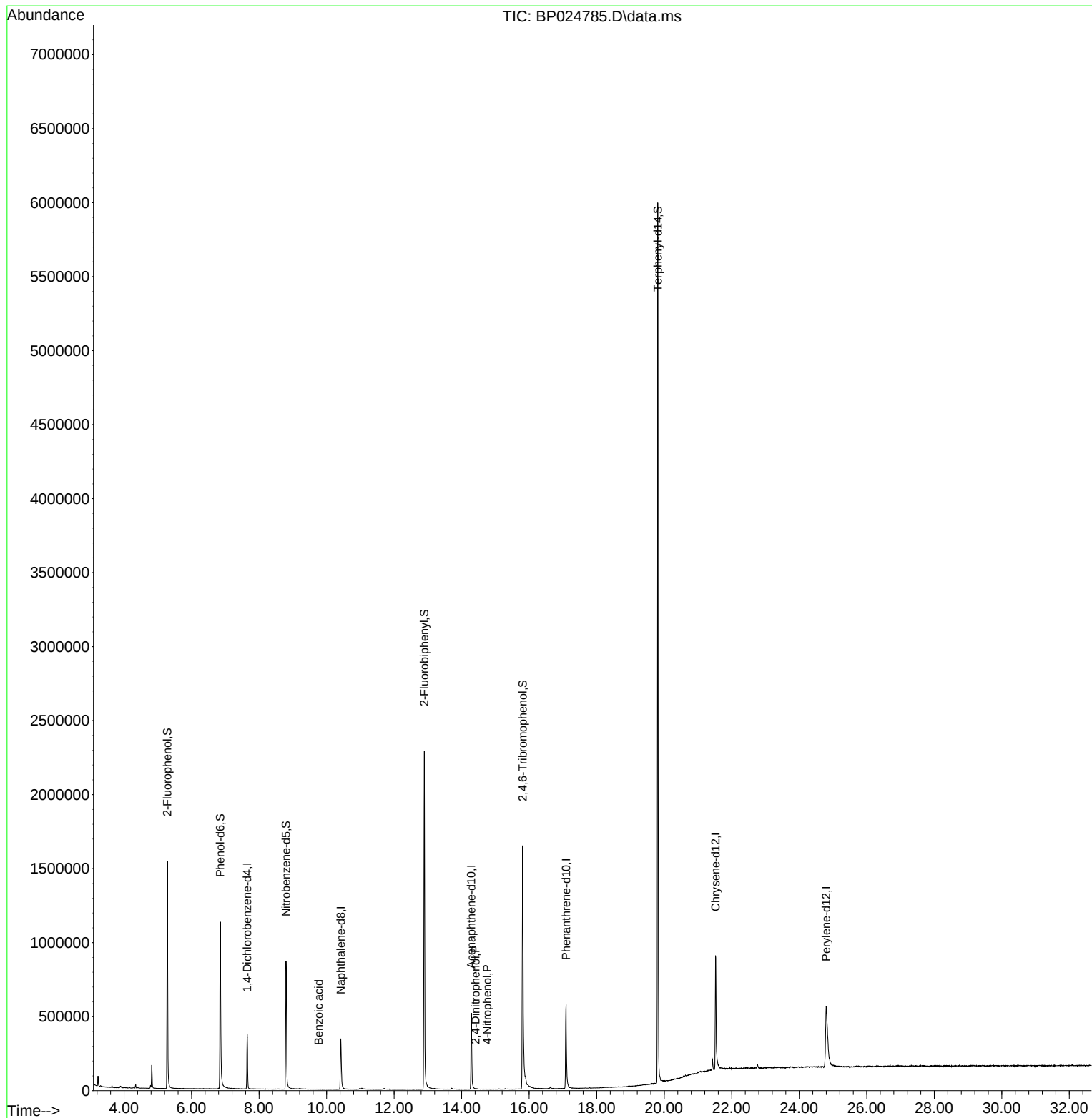
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99901	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	369939	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	227697	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	471066	20.000	ng	0.00
76) Chrysene-d12	21.522	240	574629	20.000	ng	0.00
86) Perylene-d12	24.798	264	712635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	709197	121.419	ng	0.00
7) Phenol-d6	6.852	99	770970	103.422	ng	0.00
23) Nitrobenzene-d5	8.799	82	528921	72.240	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	585676	151.725	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1371318	78.903	ng	-0.01
79) Terphenyl-d14	19.810	244	2849460	85.028	ng	0.00
Target Compounds						
32) Benzoic acid	9.763	122	21	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	11	6.405	ng	# 1
56) 4-Nitrophenol	14.757	139	9	4.237	ng	87

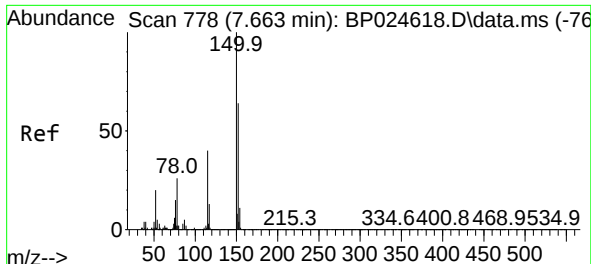
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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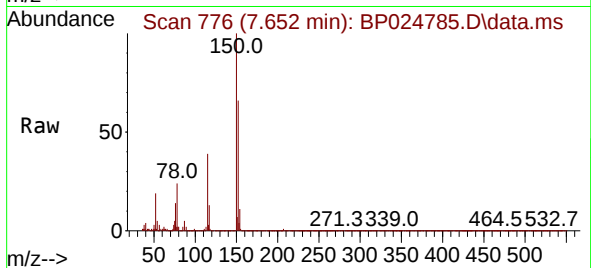
Quant Time: May 23 10:38:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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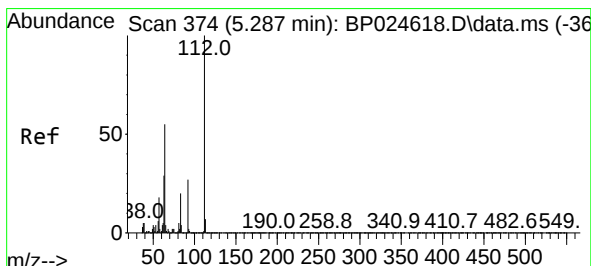
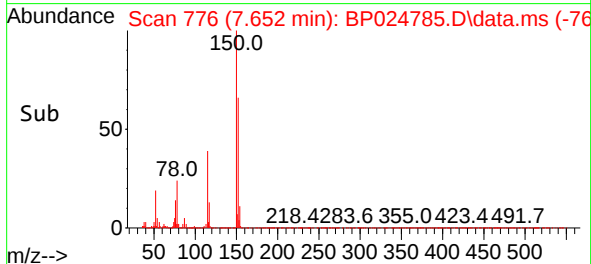
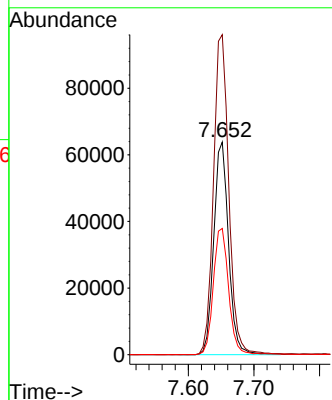


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Instrument :
BNA_P
ClientSampleId :

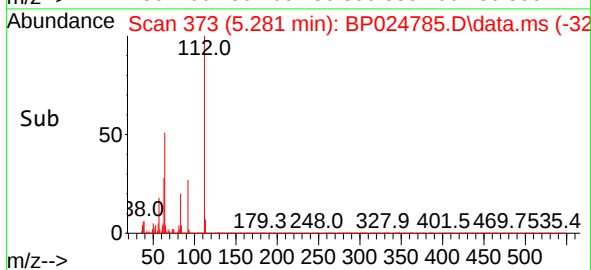
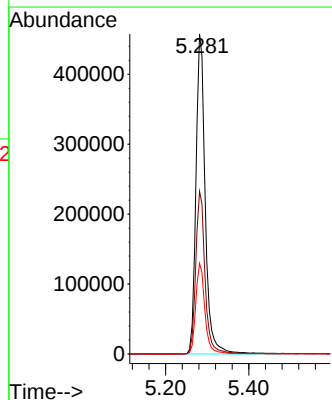
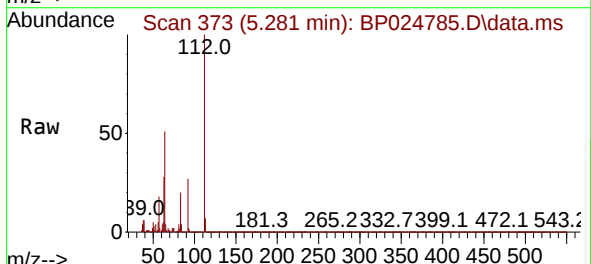


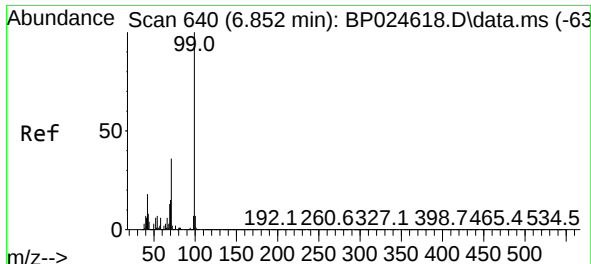
Tgt Ion:152 Resp: 99901
Ion Ratio Lower Upper
152 100
150 150.5 125.9 188.9
115 59.4 50.1 75.1



#5
2-Fluorophenol
Concen: 121.419 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Tgt Ion:112 Resp: 709197
Ion Ratio Lower Upper
112 100
64 50.9 44.1 66.1
63 28.3 23.5 35.3

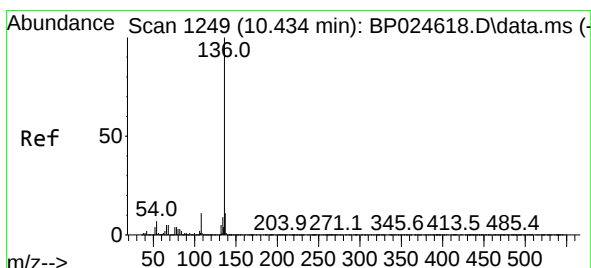
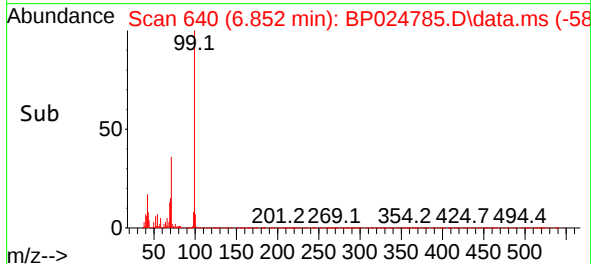
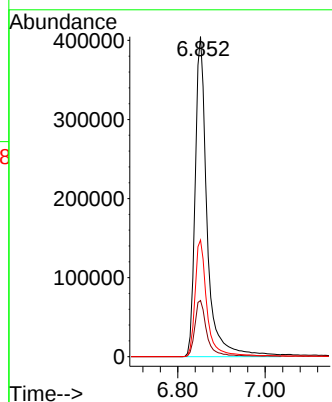
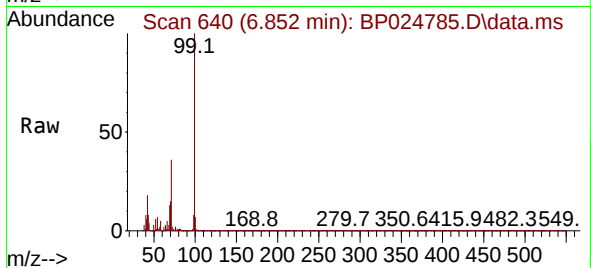




#7
Phenol-d6
Concen: 103.422 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

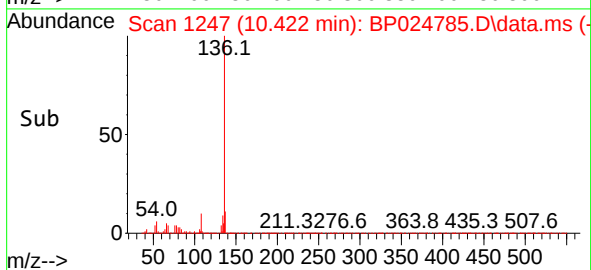
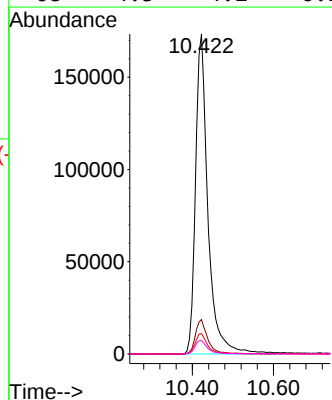
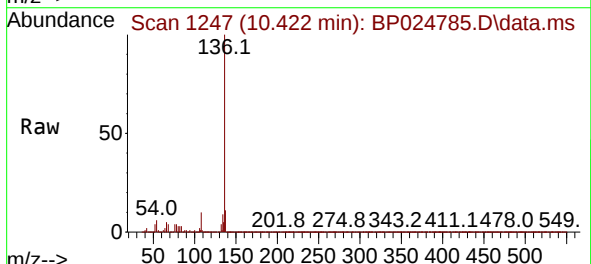
Instrument :
BNA_P
ClientSampleId :

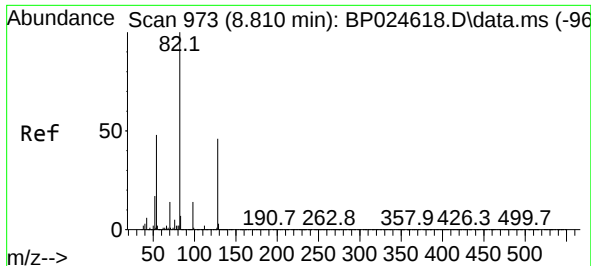
Tgt Ion: 99 Resp: 770970
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Tgt Ion: 136 Resp: 369939
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.5 8.3
68 4.3 4.2 6.2

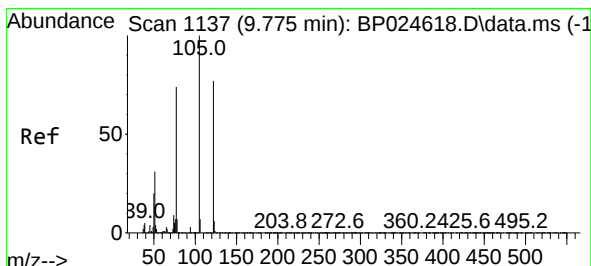
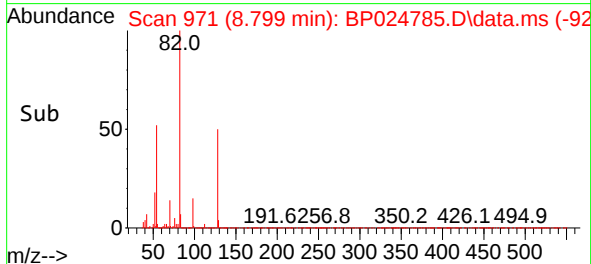
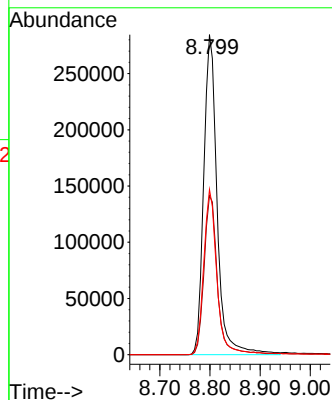
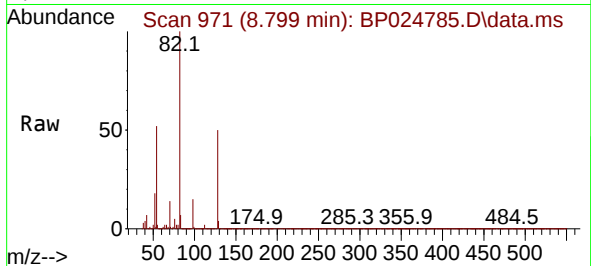




#23
Nitrobenzene-d5
Concen: 72.240 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

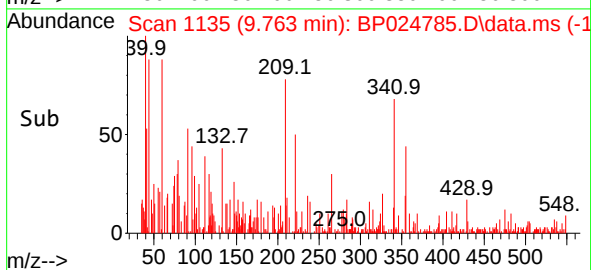
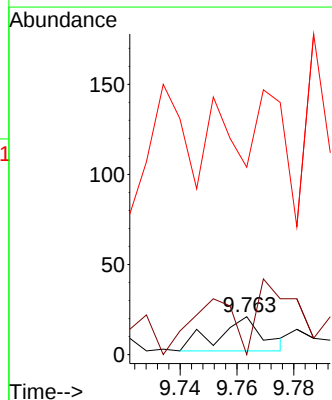
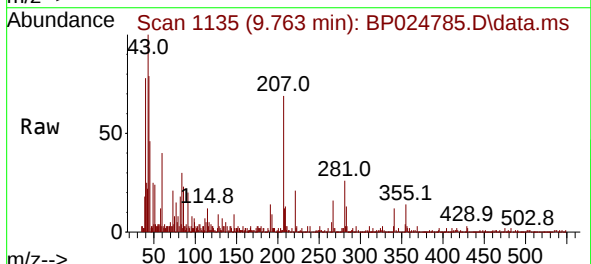
Instrument :
BNA_P
ClientSampleId :

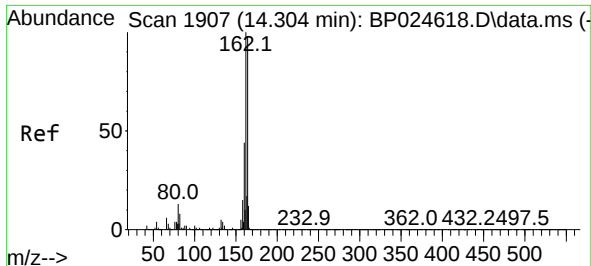
Tgt Ion: 82 Resp: 528921
Ion Ratio Lower Upper
82 100
128 49.7 37.0 55.4
54 51.7 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Tgt Ion:122 Resp: 21
Ion Ratio Lower Upper
122 100
105 0.0 106.9 146.9#
77 495.2 75.1 115.1#

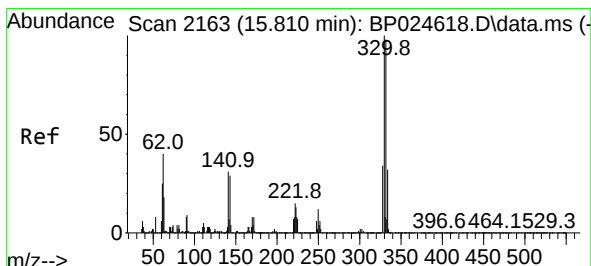
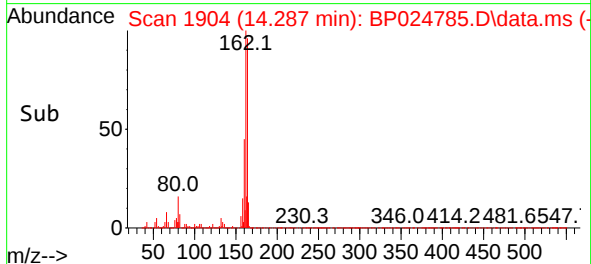
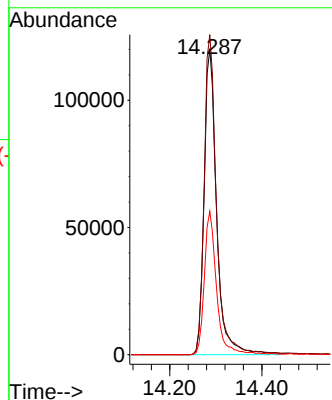
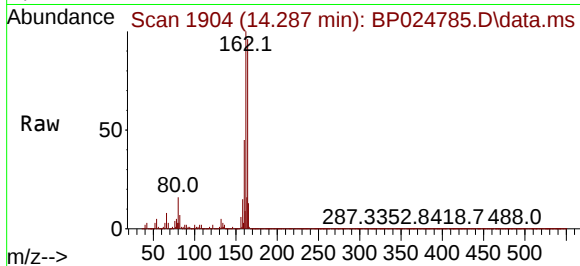




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

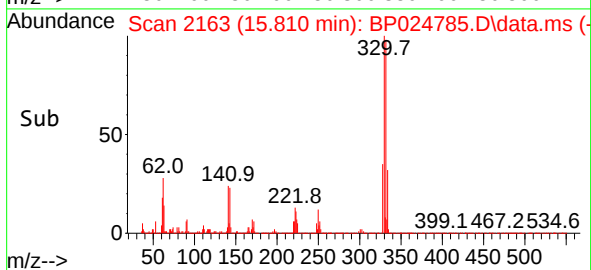
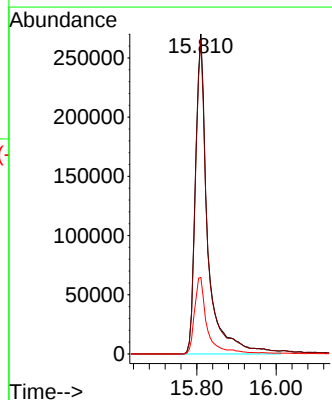
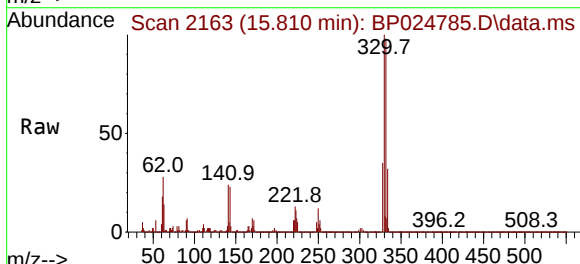
Instrument :
BNA_P
ClientSampleId :

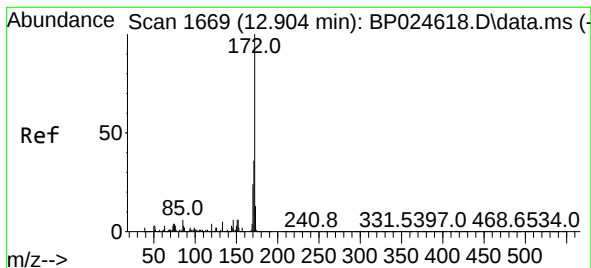
Tgt Ion:164 Resp: 227697
Ion Ratio Lower Upper
164 100
162 104.6 81.8 122.6
160 46.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 151.725 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Tgt Ion:330 Resp: 585676
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 24.4 24.3 36.5

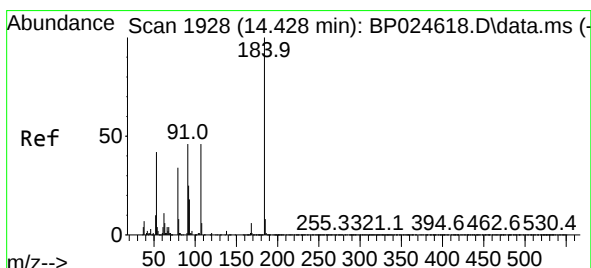
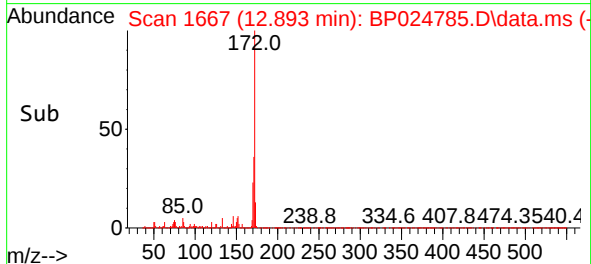
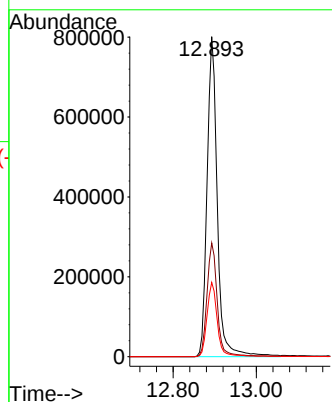
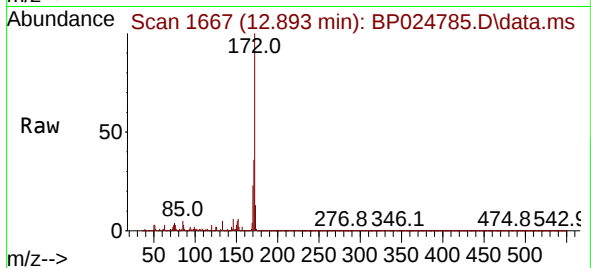




#45
2-Fluorobiphenyl
Concen: 78.903 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

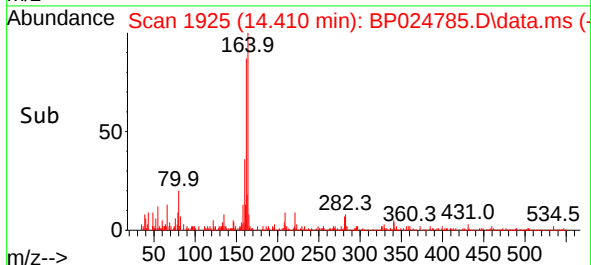
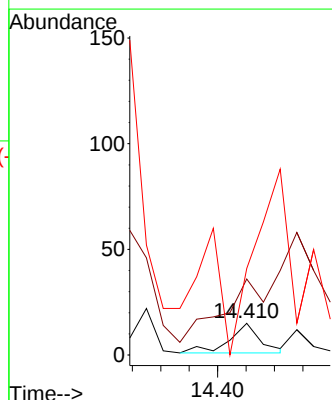
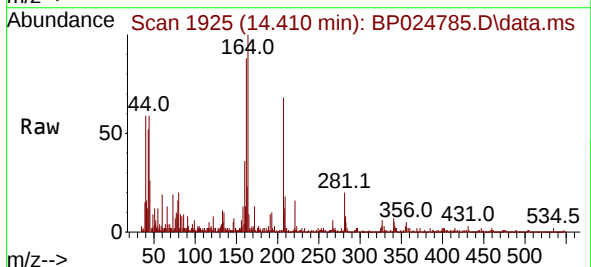
Instrument :
BNA_P
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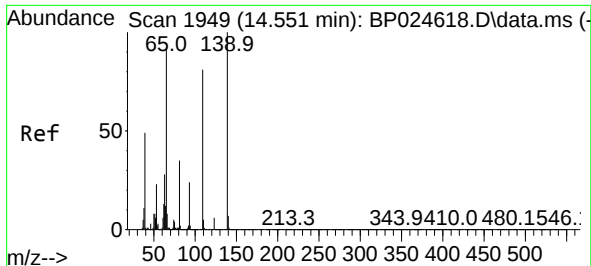
Tgt Ion:172 Resp: 1371318
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.2 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

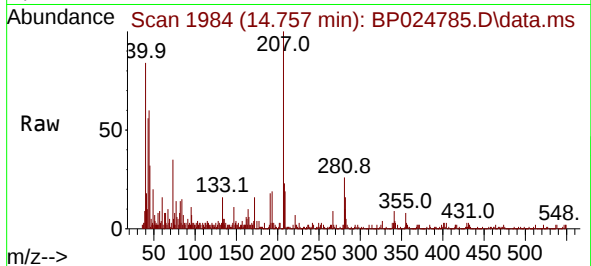
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 240.0 51.3 76.9#
154 273.3 53.5 80.3#



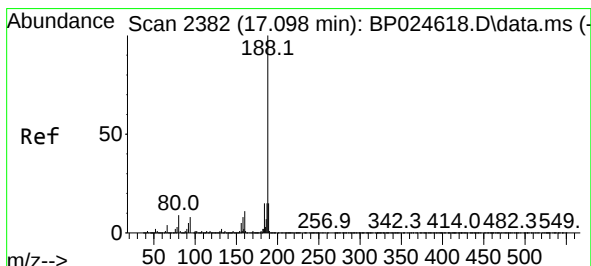
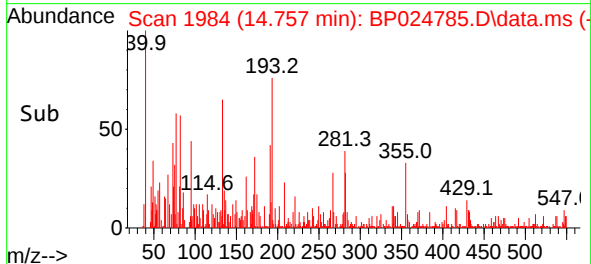
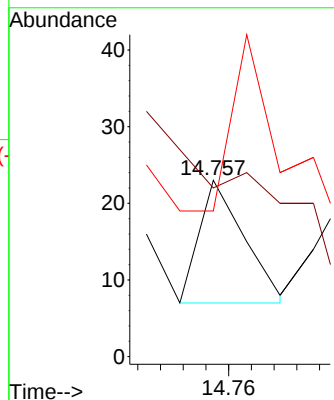


#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.757 min Scan# 1949
Delta R.T. 0.206 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Instrument :
BNA_P
ClientSampleId :

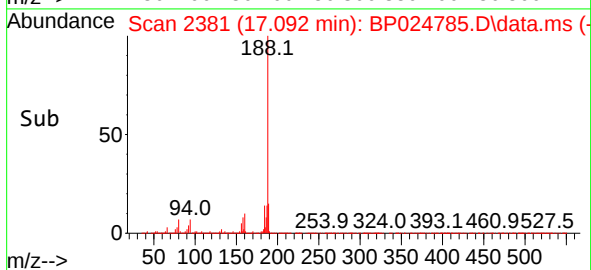
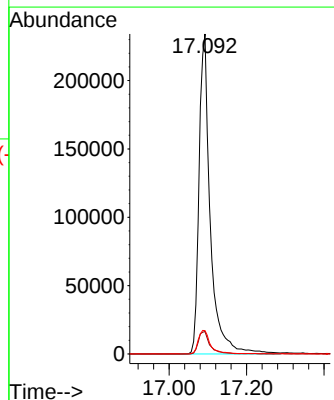
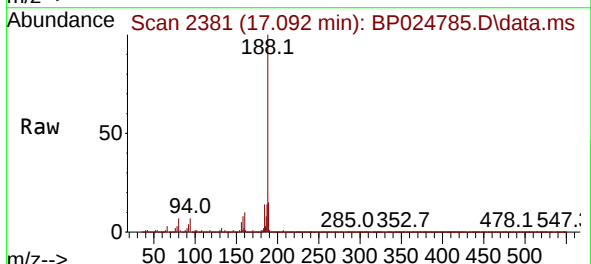


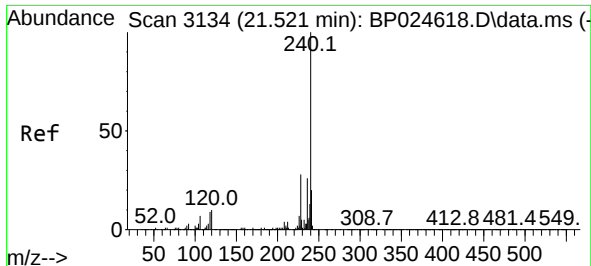
Tgt Ion:139 Resp: 9
Ion Ratio Lower Upper
139 100
109 95.7 61.4 101.4
65 82.6 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Tgt Ion:188 Resp: 471066
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 7.3 7.3 10.9

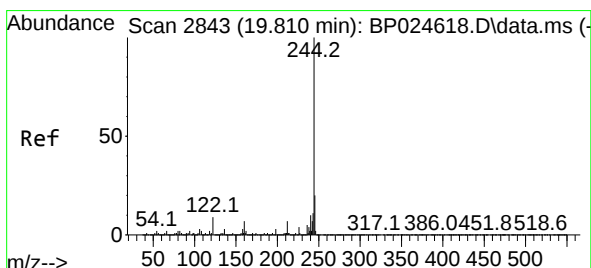
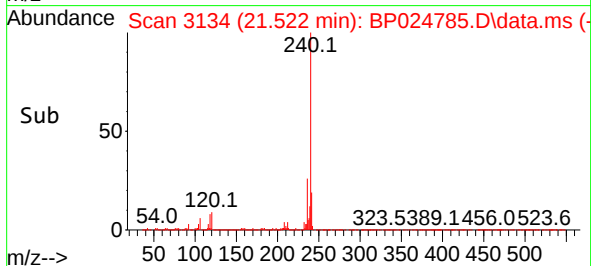
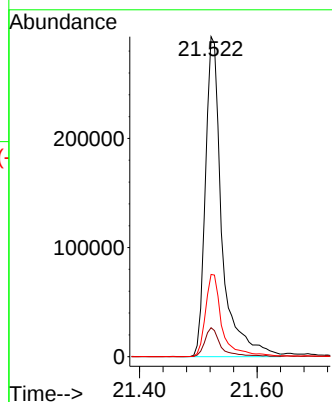
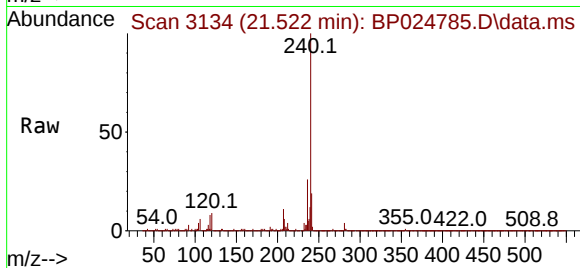




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

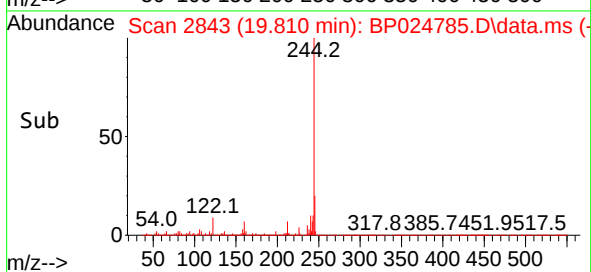
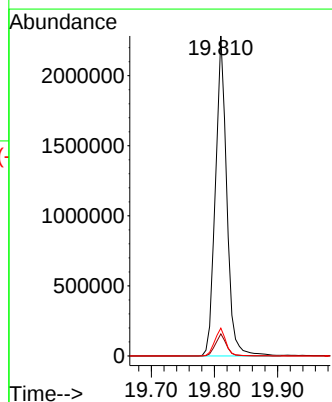
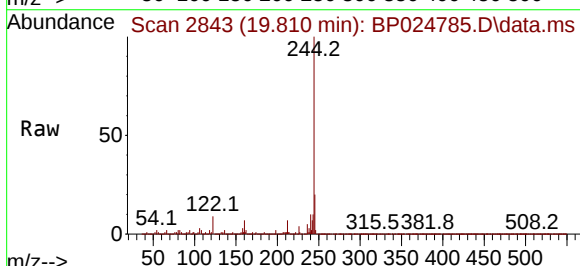
Instrument :
BNA_P
ClientSampleId :

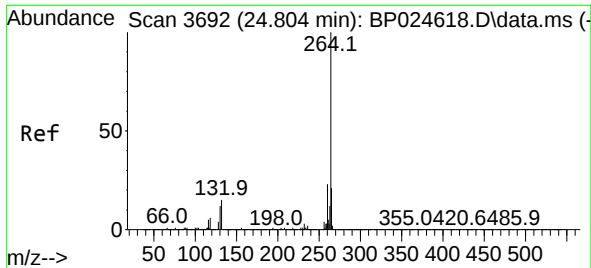
Tgt Ion:240 Resp: 574629
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 85.028 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

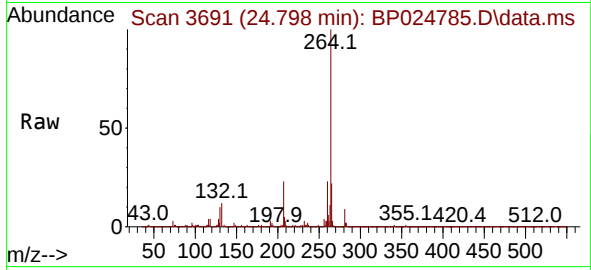
Tgt Ion:244 Resp: 2849460
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.7 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP024785.D
Acq: 23 May 2025 09:19

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 712635

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.4	17.0	25.6

