

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009434.D
 Acq On : 16 Mar 2022 21:42
 Operator : CG/JU
 Sample : N1956-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TPK-2

Quant Time: Mar 17 01:10:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

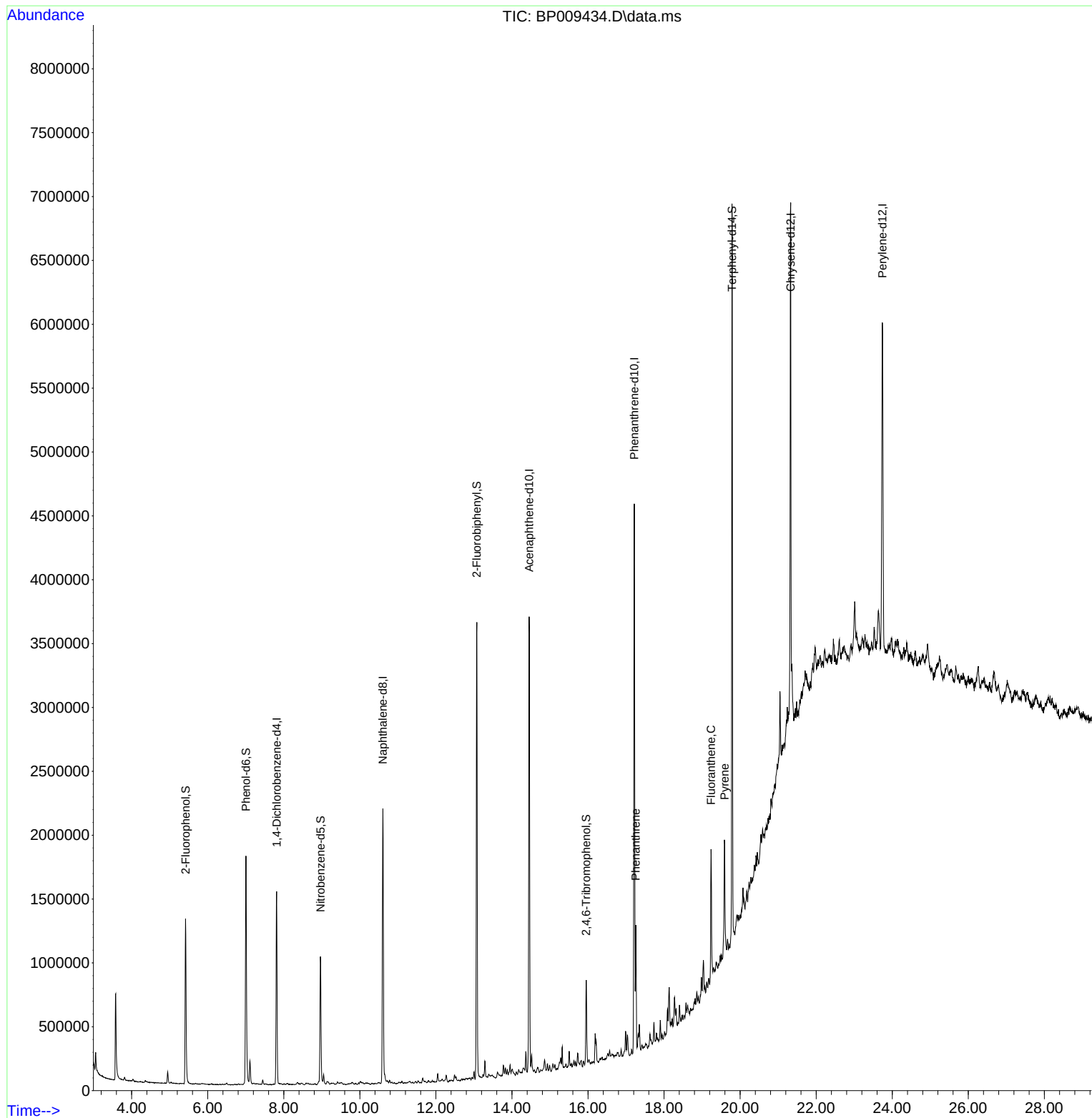
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	466735	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	2025470	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1389486	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2876171	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2166341	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2193165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	716398	22.405	ng	0.00
7) Phenol-d6	7.005	99	1241327	30.549	ng	0.02
23) Nitrobenzene-d5	8.963	82	684370	18.610	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	167455	9.981	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2143388	21.214	ng	-0.01
79) Terphenyl-d14	19.786	244	3113288	27.120	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.257	178	654069	3.957	ng	99
75) Fluoranthene	19.233	202	581562	3.048	ng	97
78) Pyrene	19.592	202	590481	4.037	ng	98

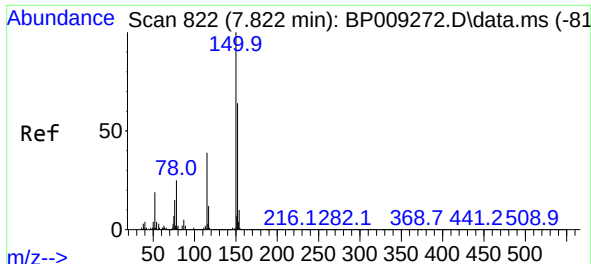
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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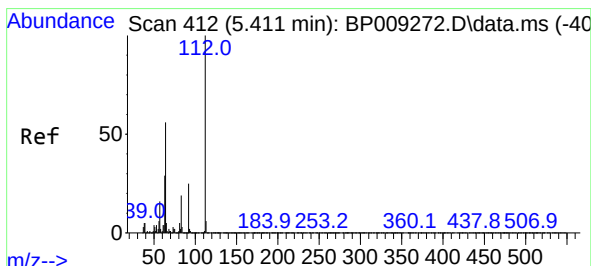
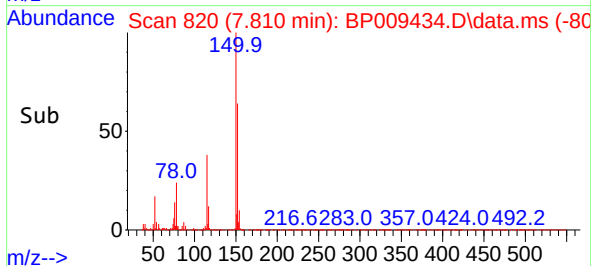
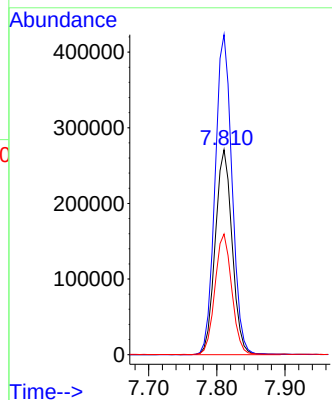
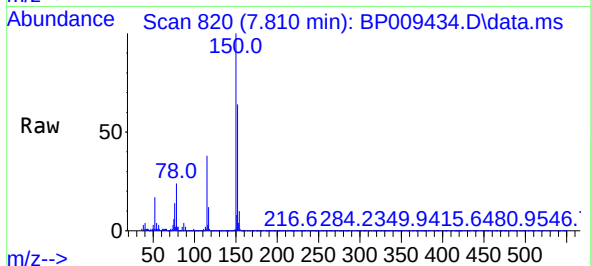




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

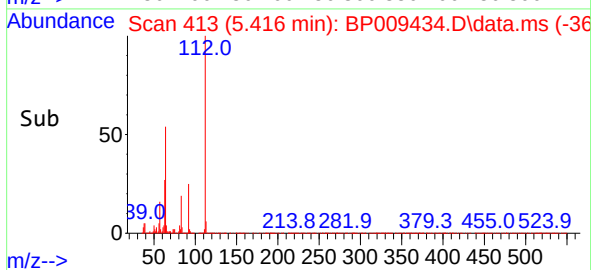
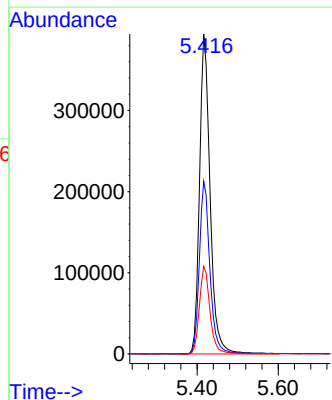
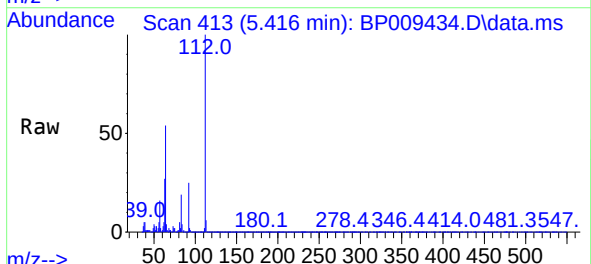
Instrument :
BNA_P
ClientSampleId :
TPK-2

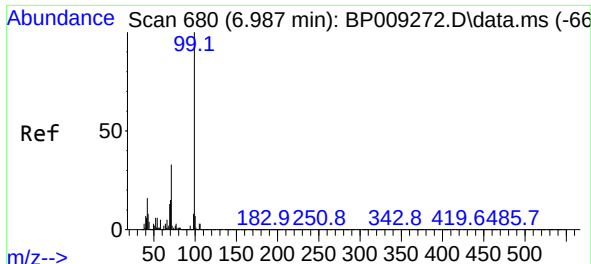
Tgt Ion:152 Resp: 466735
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 22.405 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:112 Resp: 716398
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 27.4 23.0 34.6



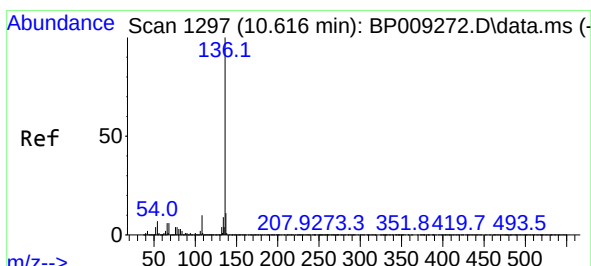
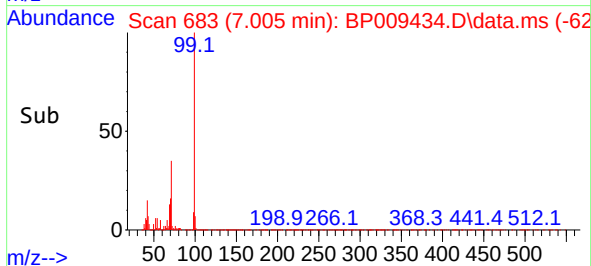
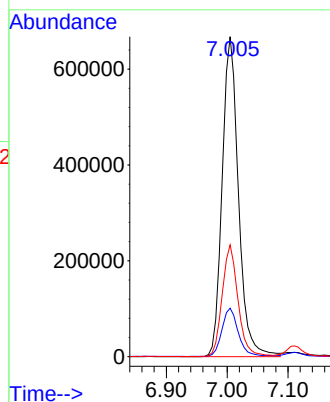
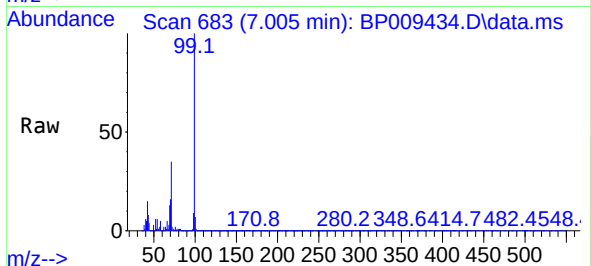


#7
Phenol-d6
Concen: 30.549 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Instrument :
BNA_P
ClientSampleId :
TPK-2

Tgt Ion: 99 Resp: 1241327

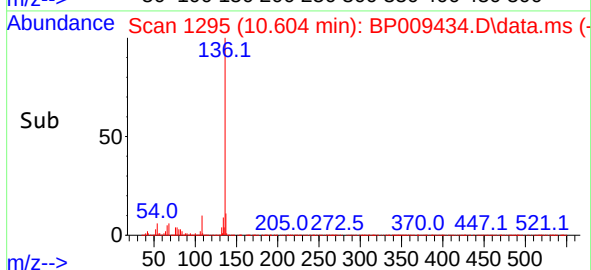
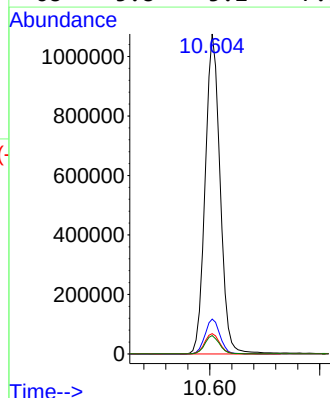
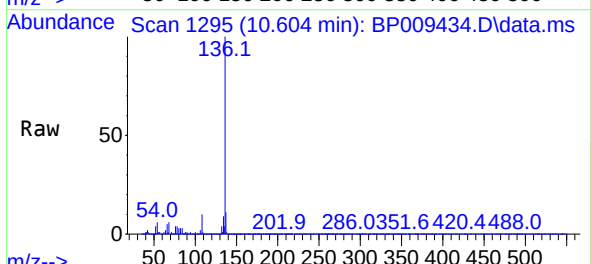
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	35.0	26.3	39.5

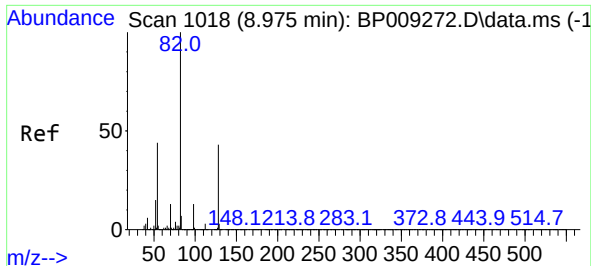


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion: 136 Resp: 2025470

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.3	5.8	8.8
68	5.8	5.2	7.8

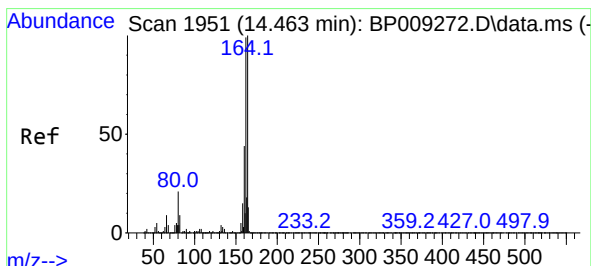
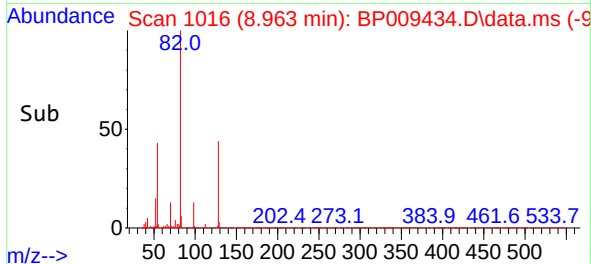
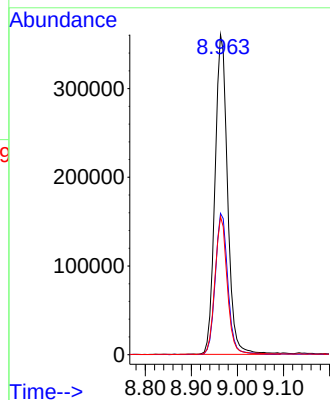
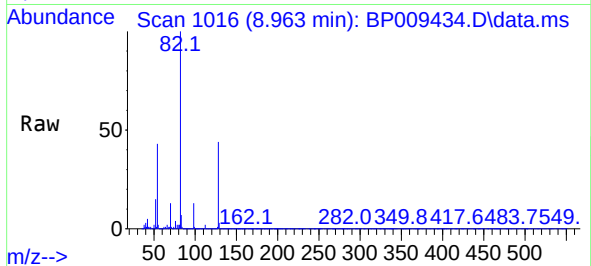




#23
Nitrobenzene-d5
Concen: 18.610 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

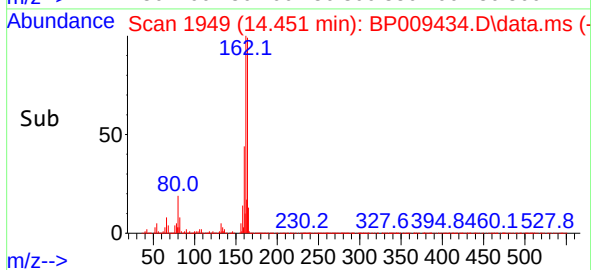
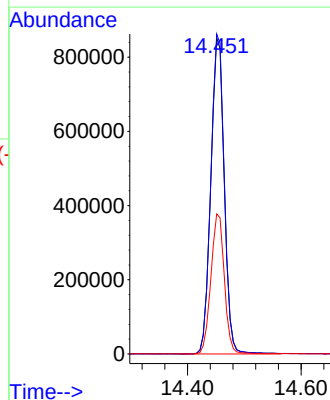
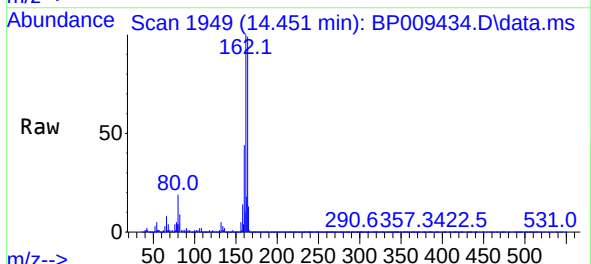
Instrument :
BNA_P
ClientSampleId :
TPK-2

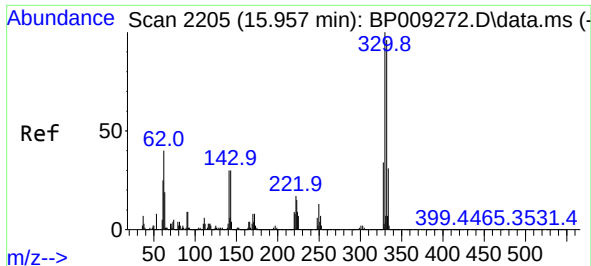
Tgt Ion: 82 Resp: 684370
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:164 Resp: 1389486
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.3 34.9 52.3

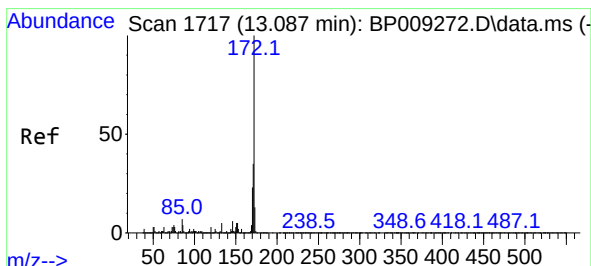
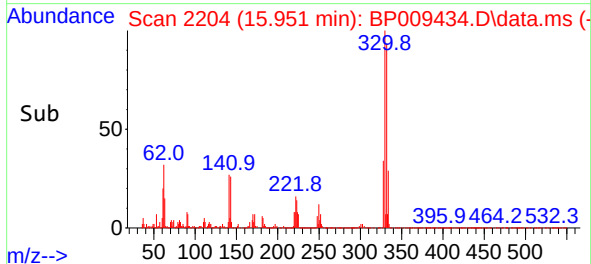
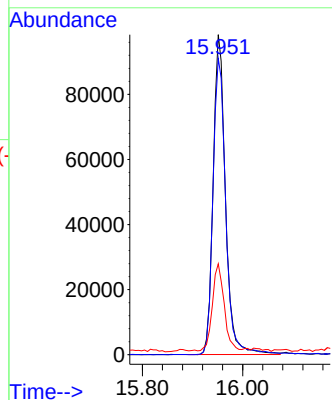
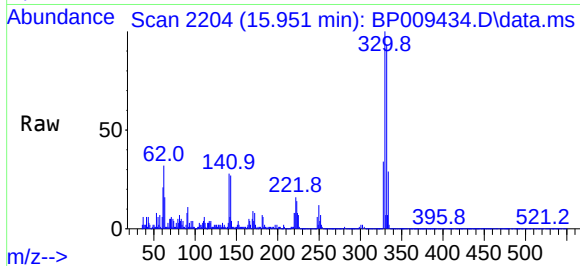




#42
2,4,6-Tribromophenol
Concen: 9.981 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

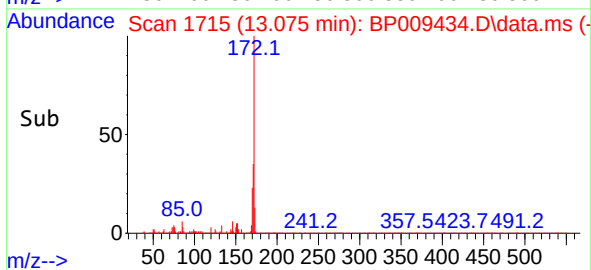
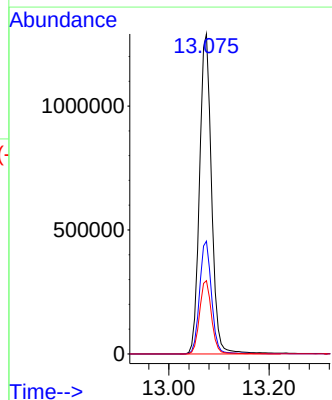
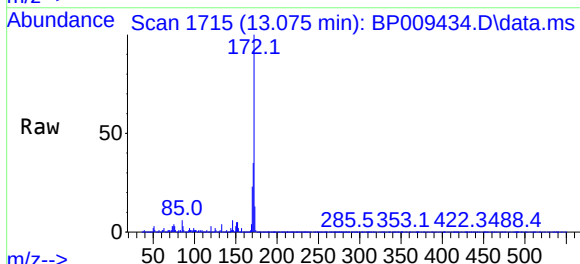
Instrument :
BNA_P
ClientSampleId :
TPK-2

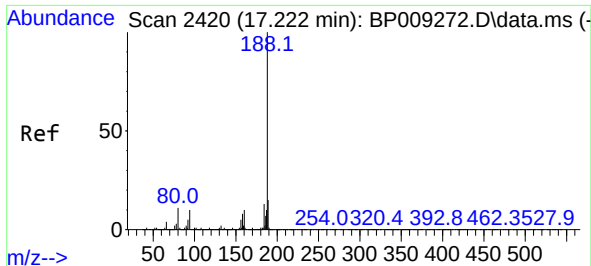
Tgt Ion:330 Resp: 167455
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 26.8 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 21.214 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:172 Resp: 2143388
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 22.9 18.6 27.8

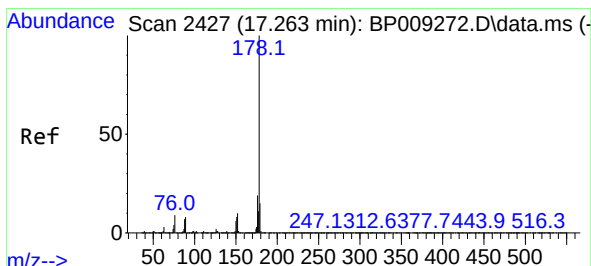
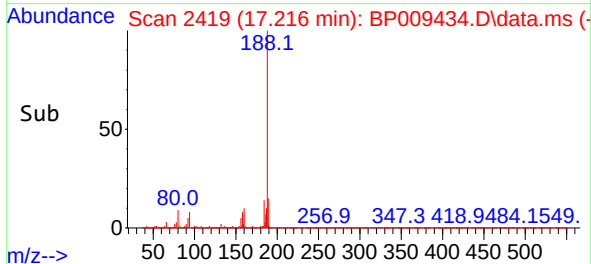
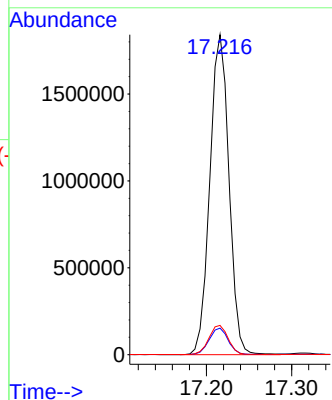
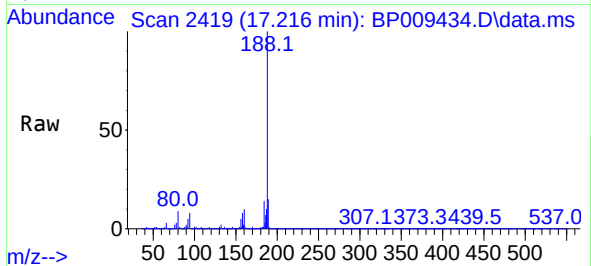




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

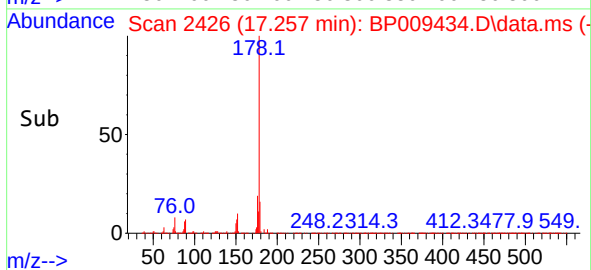
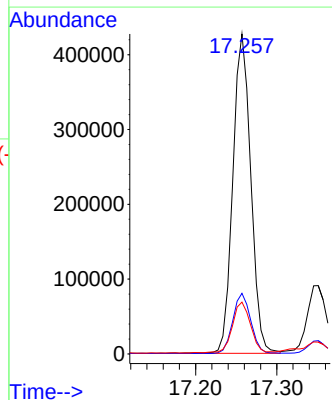
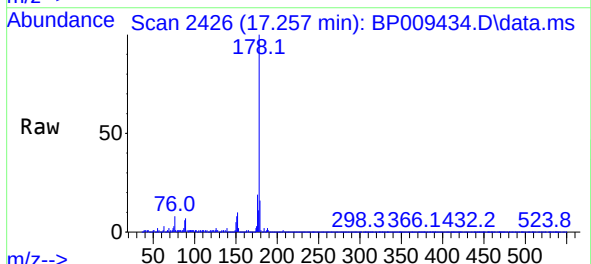
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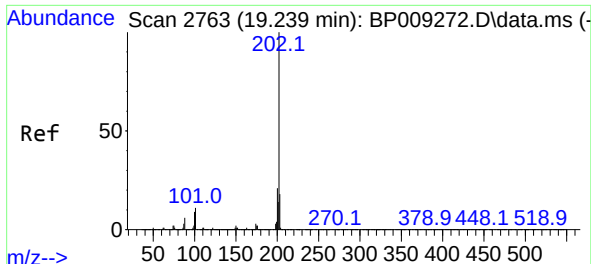
Tgt Ion:188 Resp: 2876171
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.2 8.8 13.2



#71
Phenanthrene
Concen: 3.957 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:178 Resp: 654069
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.2 12.3 18.5

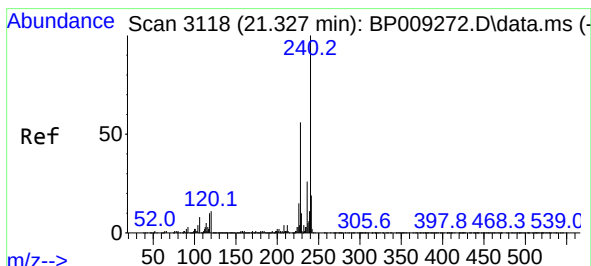
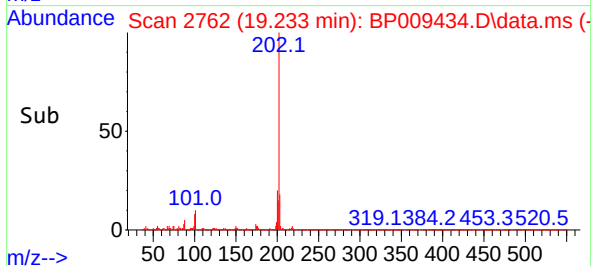
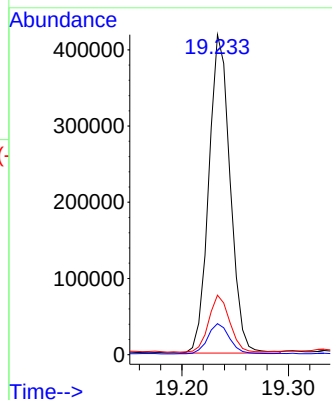
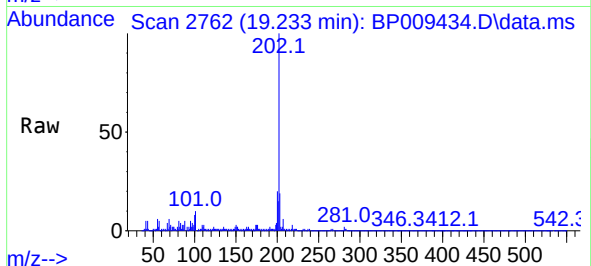




#75
Fluoranthene
Concen: 3.048 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

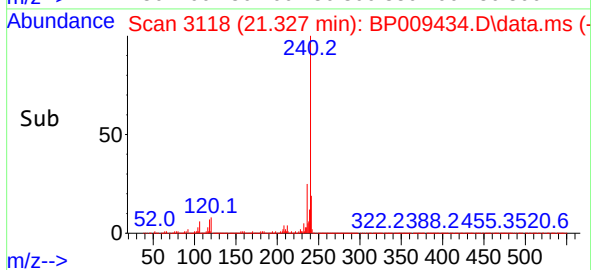
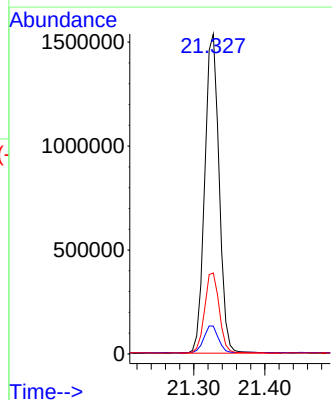
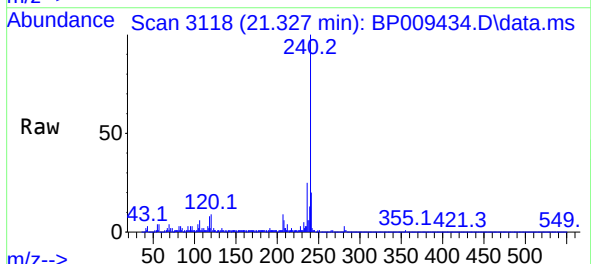
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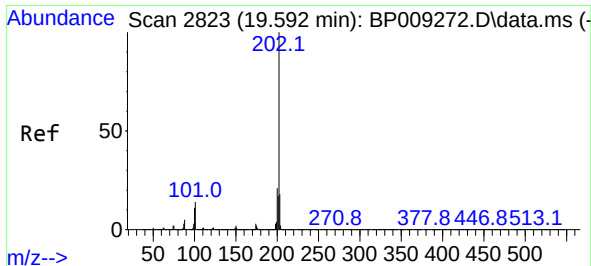
Tgt Ion:202 Resp: 581562
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.5
203 18.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:240 Resp: 2166341
Ion Ratio Lower Upper
240 100
120 8.7 9.0 13.4#
236 25.3 20.6 30.8

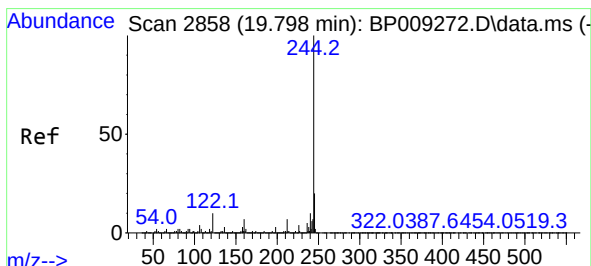
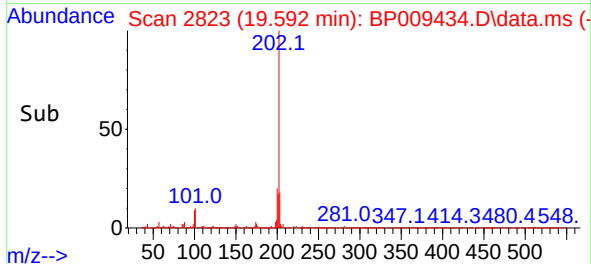
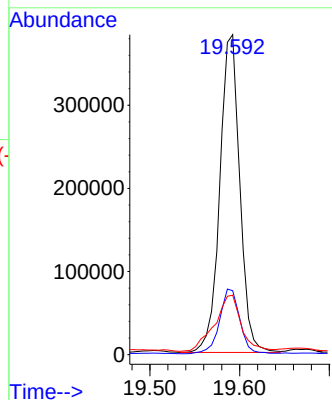
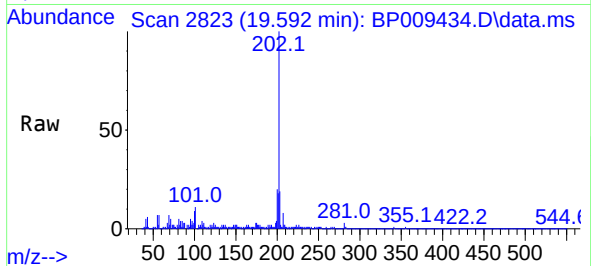




#78
Pyrene
Concen: 4.037 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

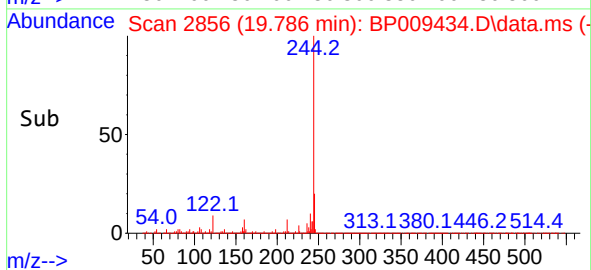
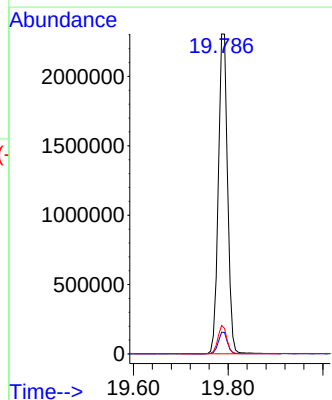
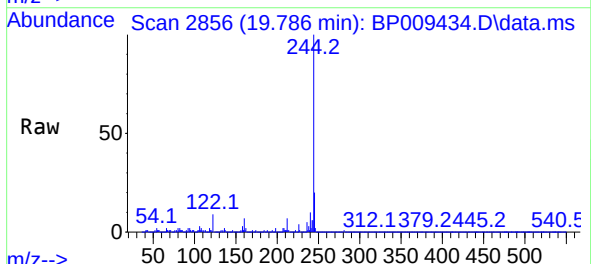
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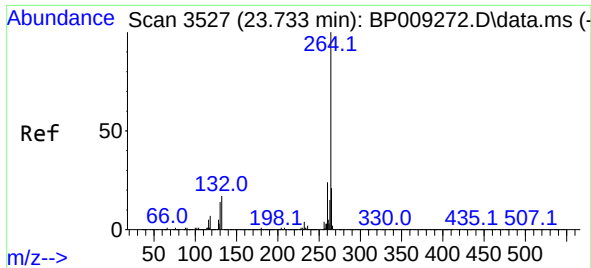
Tgt Ion:202 Resp: 590481
Ion Ratio Lower Upper
202 100
200 20.0 16.8 25.2
203 18.6 14.2 21.4



#79
Terphenyl-d14
Concen: 27.120 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:244 Resp: 3113288
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP009434.D
 Acq: 16 Mar 2022 21:42

Instrument :
 BNA_P
 ClientSampleId :
 TPK-2

Tgt Ion:264 Resp: 2193165
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 23.2 17.2 25.8

