

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008287.D
 Acq On : 08 Dec 2021 19:50
 Operator : CG/JU
 Sample : M4959-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5S

Quant Time: Dec 09 01:47:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

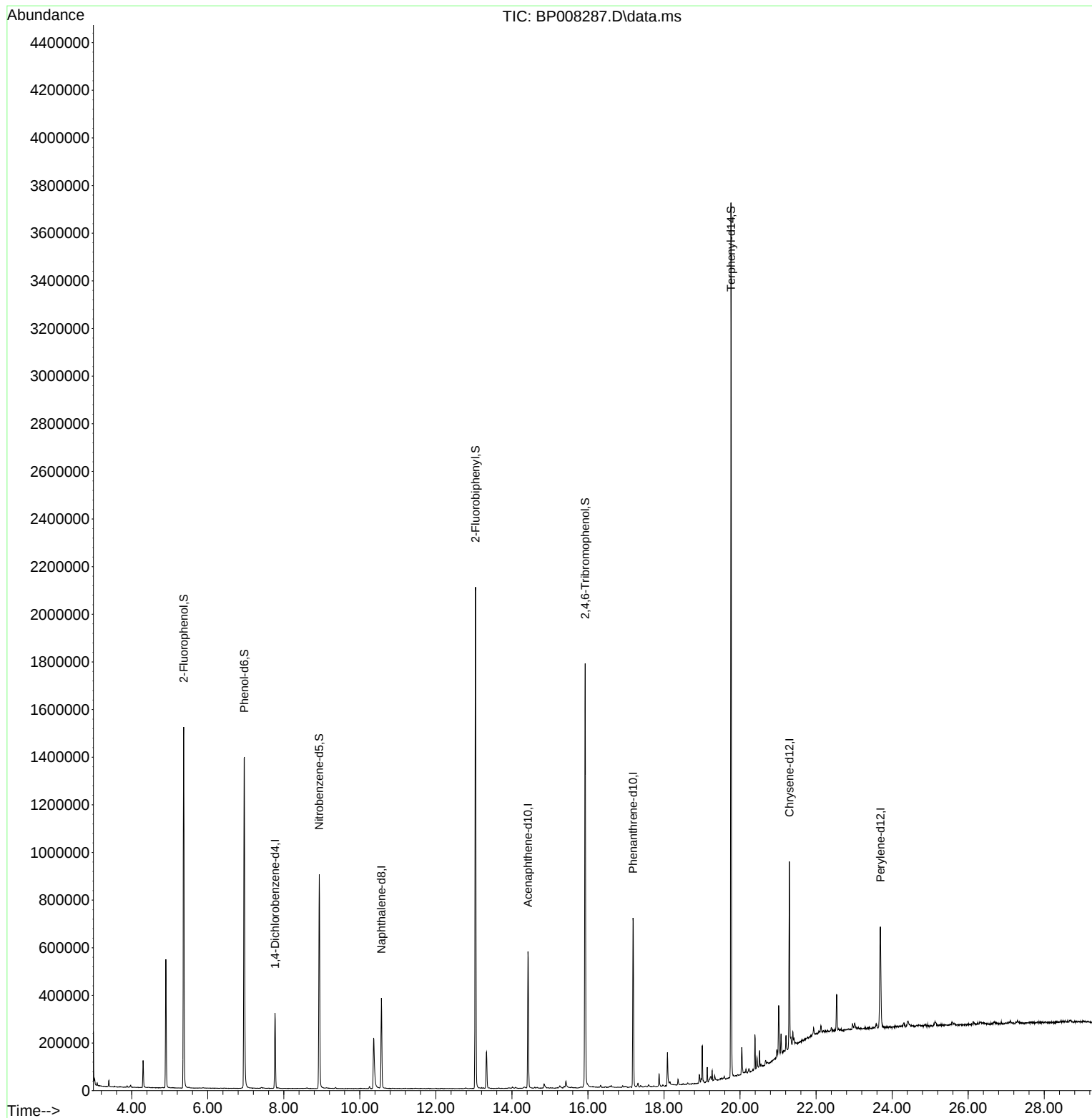
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	77870	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	291695	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	199291	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	427126	20.000	ng	0.00
76) Chrysene-d12	21.298	240	367086	20.000	ng	0.00
86) Perylene-d12	23.692	264	348082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	595976	123.228	ng	0.00
7) Phenol-d6	6.963	99	774870	118.686	ng	0.00
23) Nitrobenzene-d5	8.934	82	529838	82.598	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	325150	127.646	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1085297	79.102	ng	0.00
79) Terphenyl-d14	19.763	244	1633664	93.009	ng	0.00
Target Compounds						
9) Benzaldehyde	6.887	77	101	Below Cal	#	17
78) Pyrene	19.575	202	3644	Below Cal	#	92

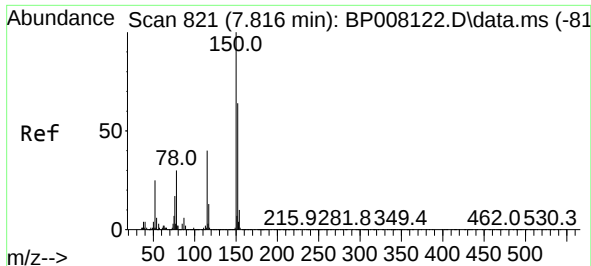
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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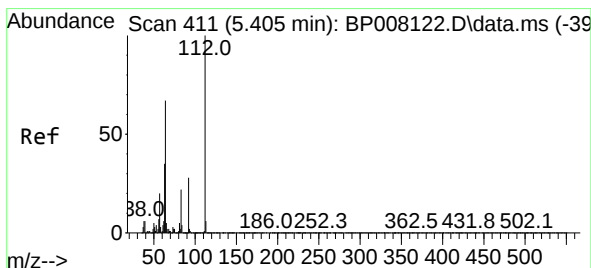
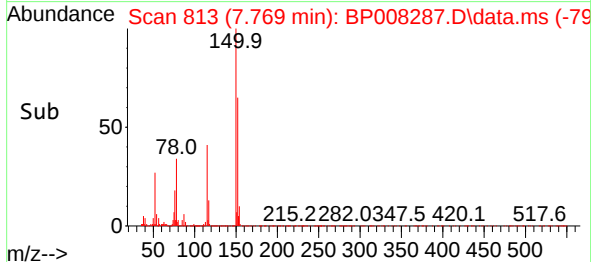
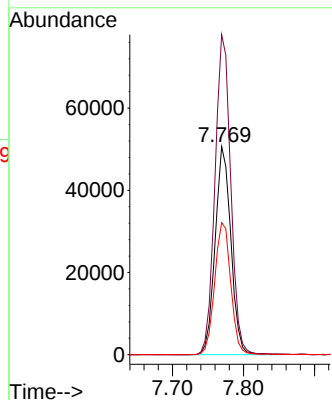
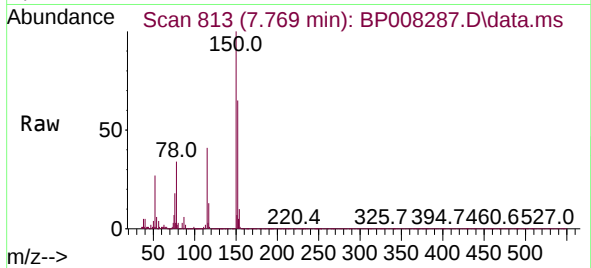




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

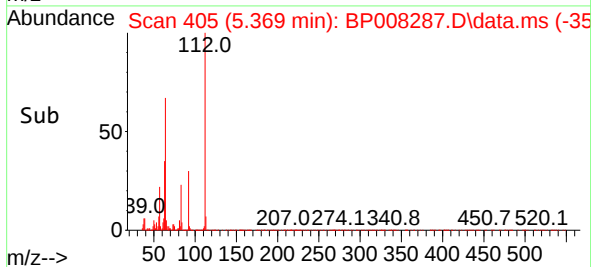
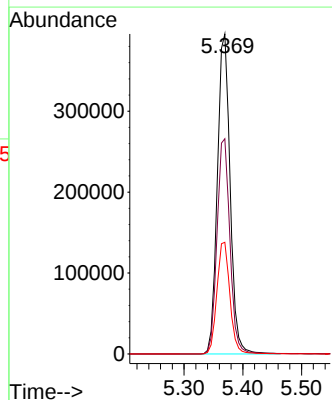
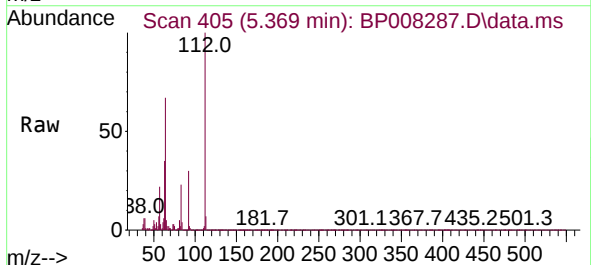
Instrument :
BNA_P
ClientSampleId :
TP-5S

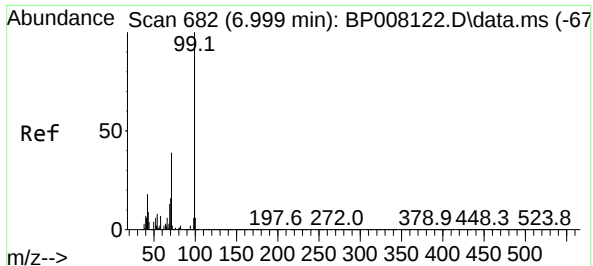
Tgt Ion:152 Resp: 77870
Ion Ratio Lower Upper
152 100
150 153.8 125.7 188.5
115 63.4 50.7 76.1



#5
2-Fluorophenol
Concen: 123.228 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion:112 Resp: 595976
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 34.9 27.8 41.8

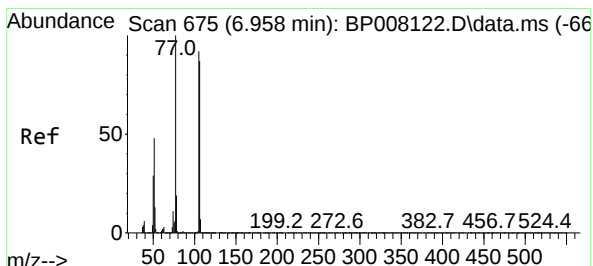
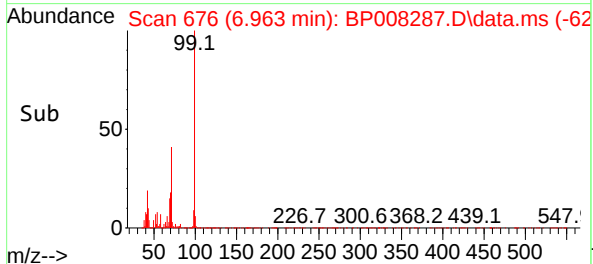
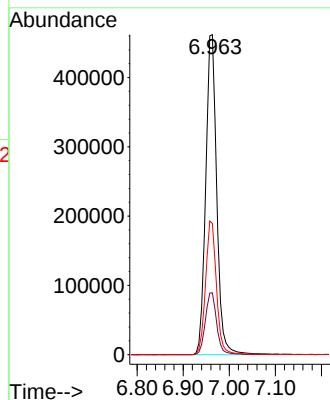
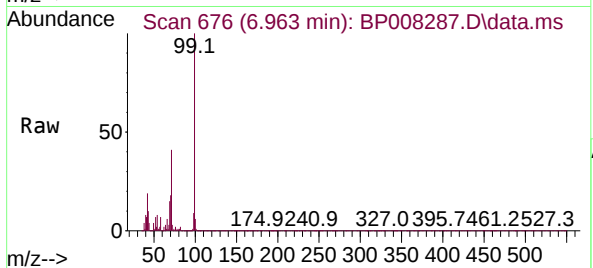




#7
Phenol-d6
Concen: 118.686 ng
RT: 6.963 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

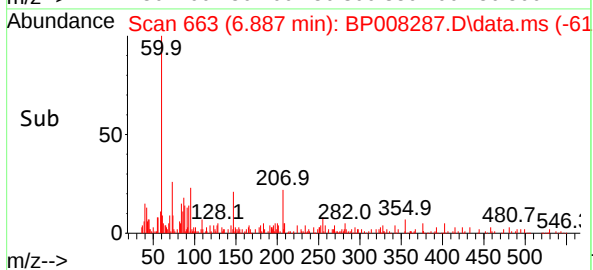
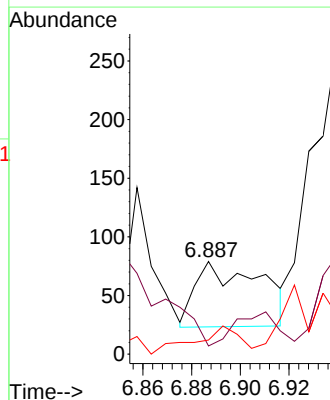
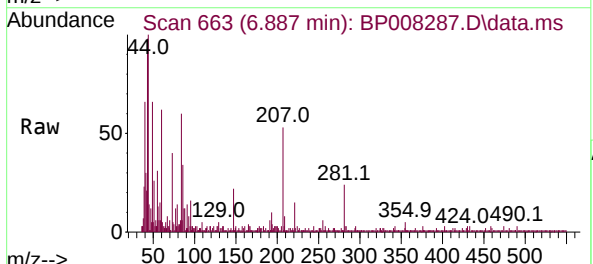
Instrument :
BNA_P
ClientSampleId :
TP-5S

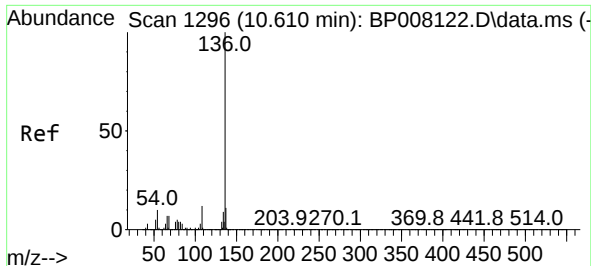
Tgt Ion: 99 Resp: 774870
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 41.0 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 663
Delta R.T. -0.029 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion: 77 Resp: 101
Ion Ratio Lower Upper
77 100
105 8.9 71.8 111.8#
106 15.2 67.3 107.3#

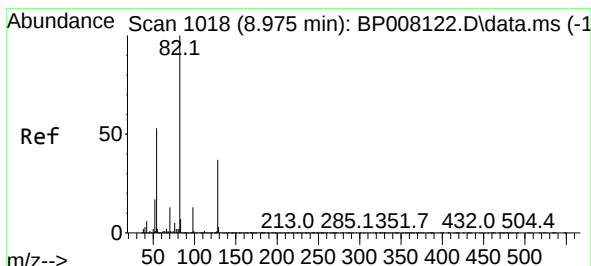
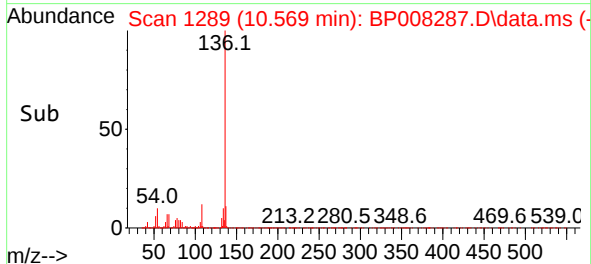
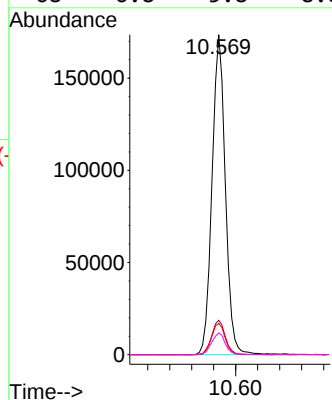
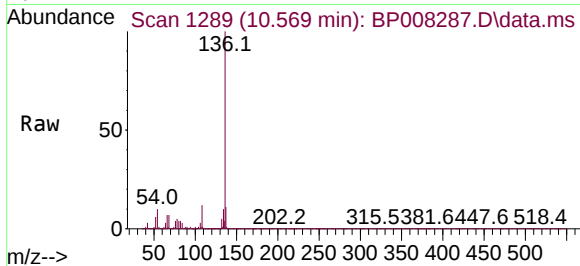




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

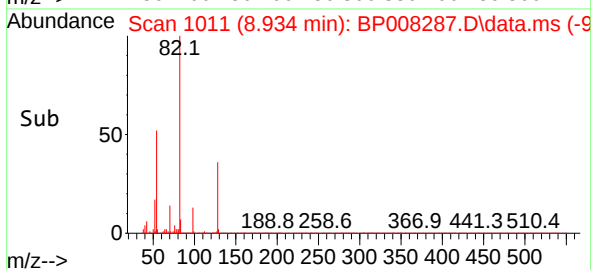
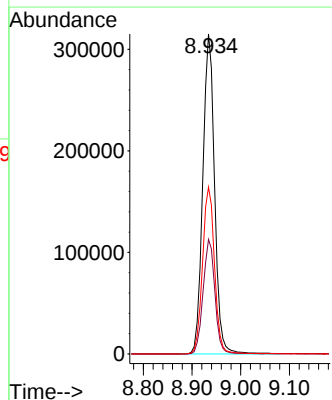
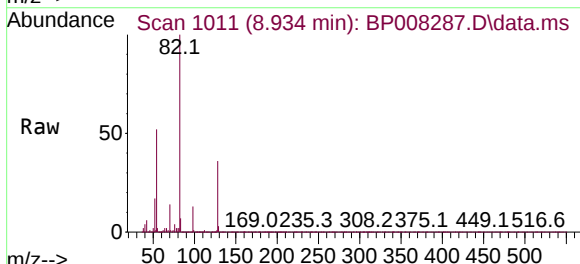
Instrument :
BNA_P
ClientSampleId :
TP-5S

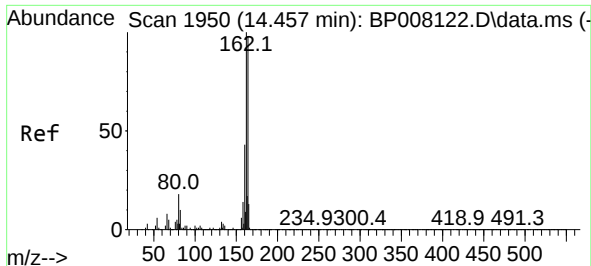
Tgt Ion:	136	Resp:	291695
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	9.7	8.2	12.4
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 82.598 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion:	82	Resp:	529838
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.6	44.4
54	52.2	42.7	64.1

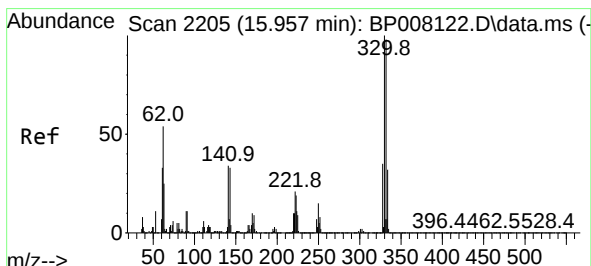
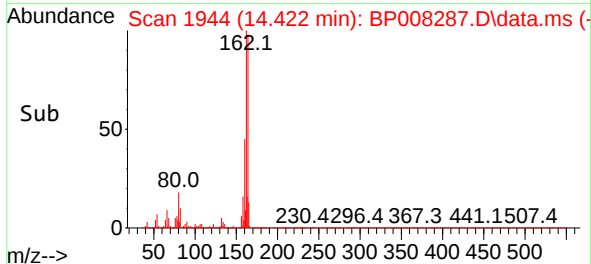
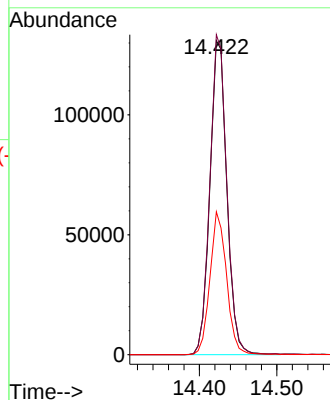
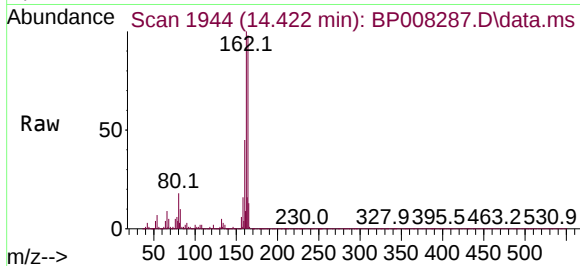




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

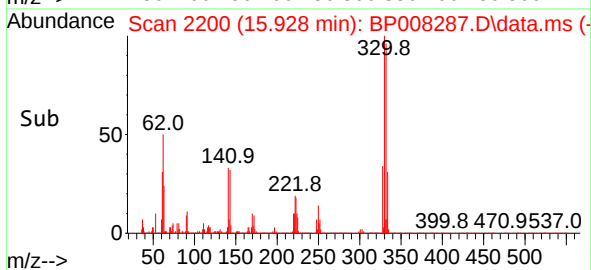
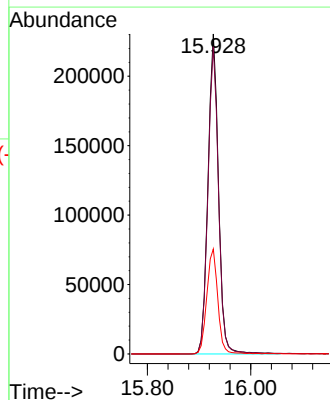
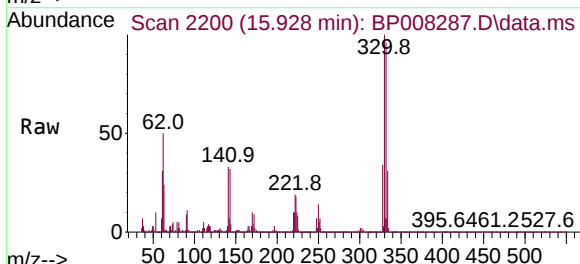
Instrument :
BNA_P
ClientSampleId :
TP-5S

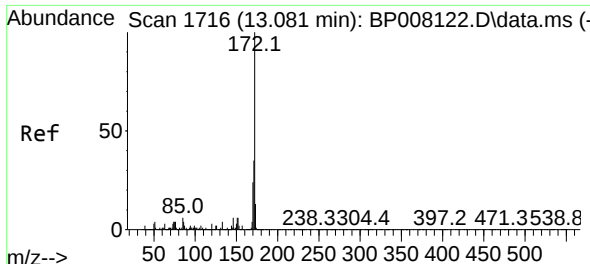
Tgt Ion:164 Resp: 199291
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 127.646 ng
RT: 15.928 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion:330 Resp: 325150
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 34.3 28.4 42.6

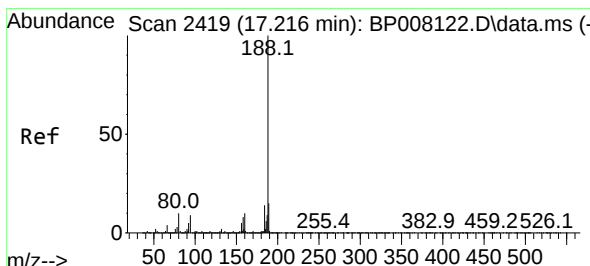
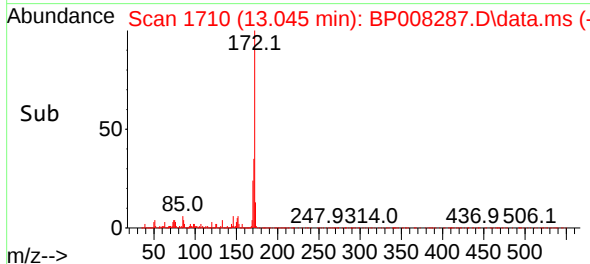
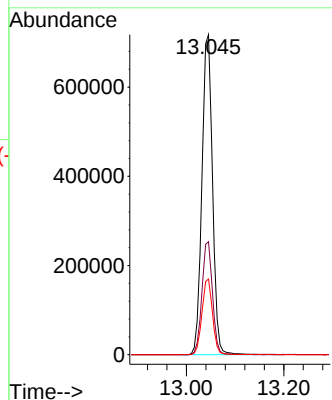
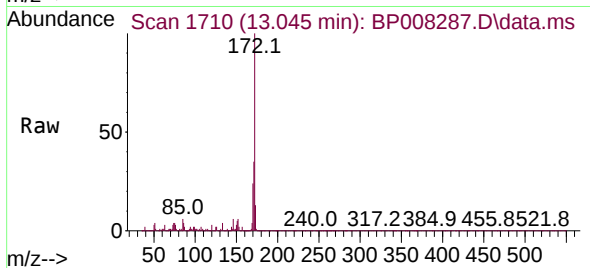




#45
2-Fluorobiphenyl
Concen: 79.102 ng
RT: 13.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

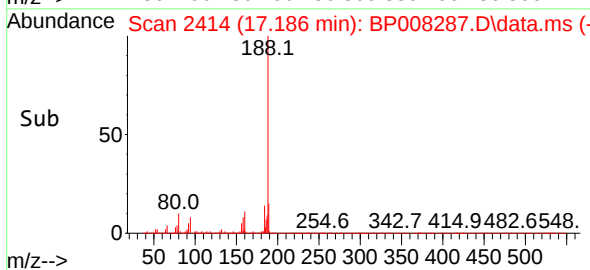
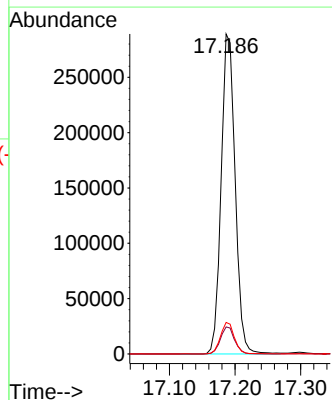
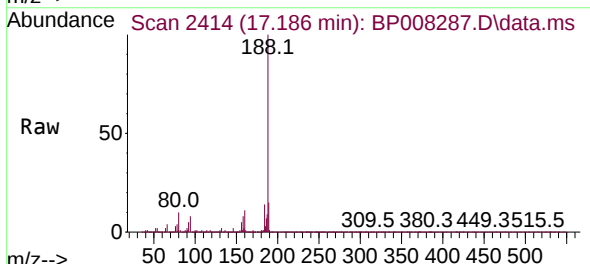
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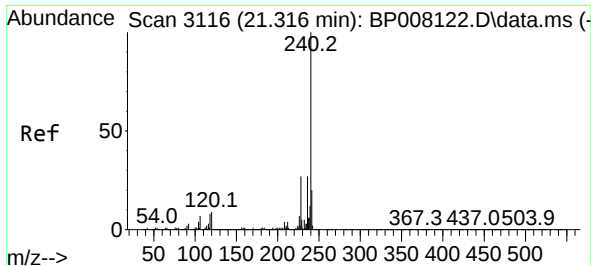
Tgt Ion:172 Resp: 1085297
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion:188 Resp: 427126
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.8 8.2 12.4

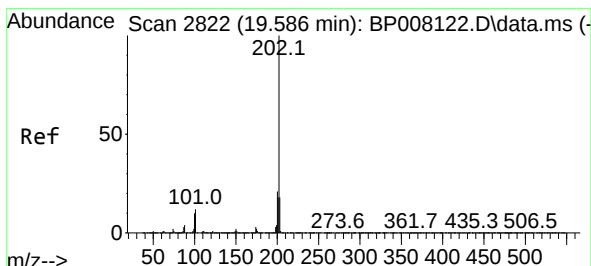
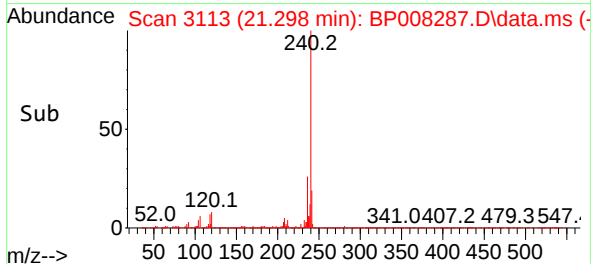
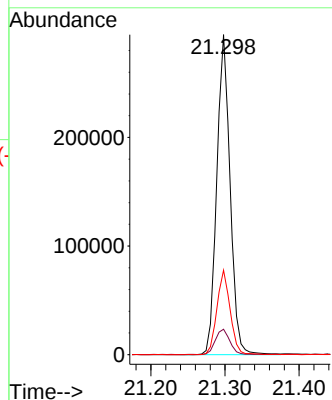
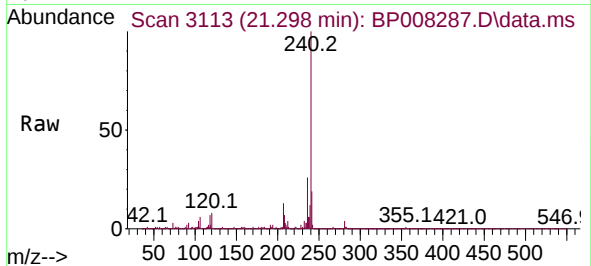




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

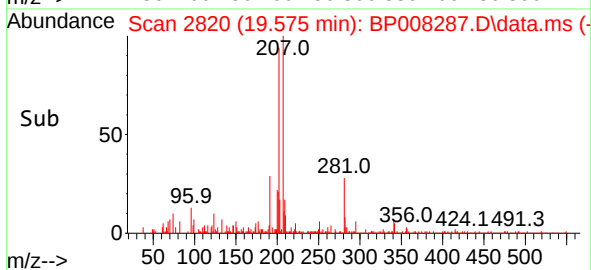
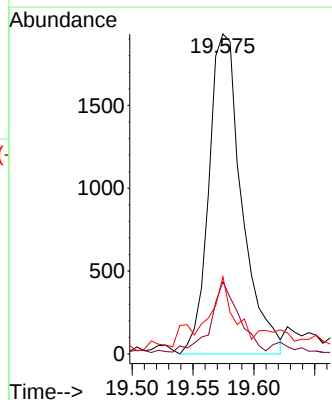
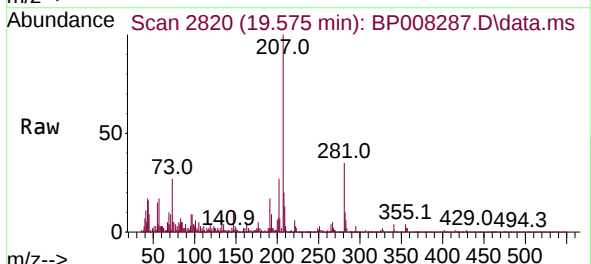
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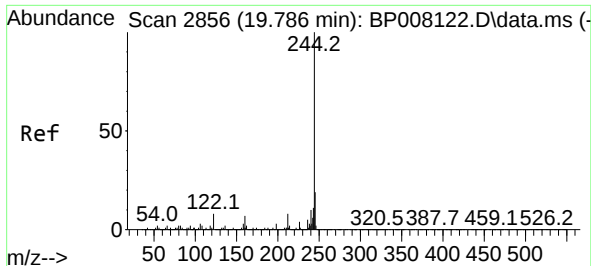
Tgt Ion:240 Resp: 367086
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.4 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP008287.D
Acq: 08 Dec 2021 19:50

Tgt Ion:202 Resp: 3644
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 24.1 14.2 21.2#



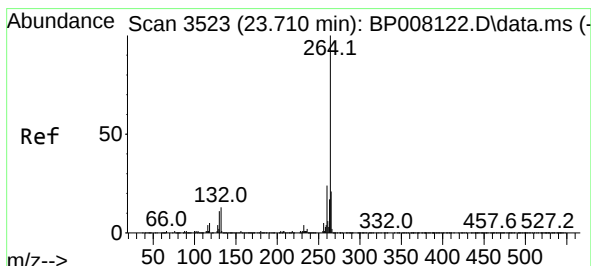
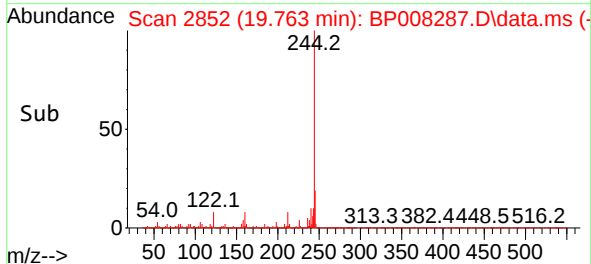
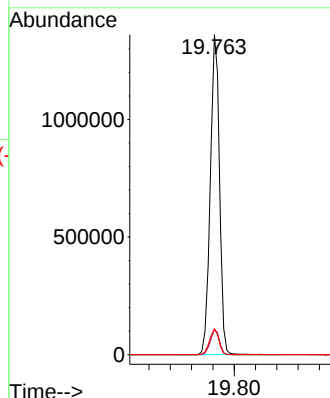
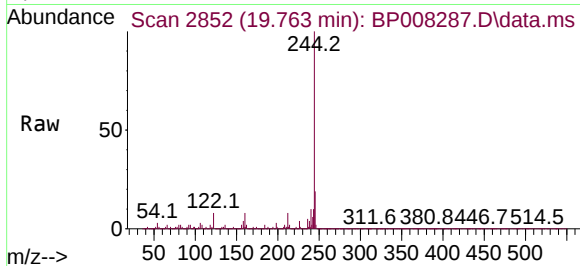


#79
 Terphenyl-d14
 Concen: 93.009 ng
 RT: 19.763 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BP008287.D
 Acq: 08 Dec 2021 19:50

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Tgt Ion:244 Resp: 1633664

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	8.1	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 3520
 Delta R.T. 0.006 min
 Lab File: BP008287.D
 Acq: 08 Dec 2021 19:50

Tgt Ion:264 Resp: 348082

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	23.3	17.6	26.4

