

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007364.D
 Acq On : 06 Oct 2021 20:51
 Operator : CG/JU
 Sample : M4075-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-100521

Quant Time: Oct 07 01:48:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

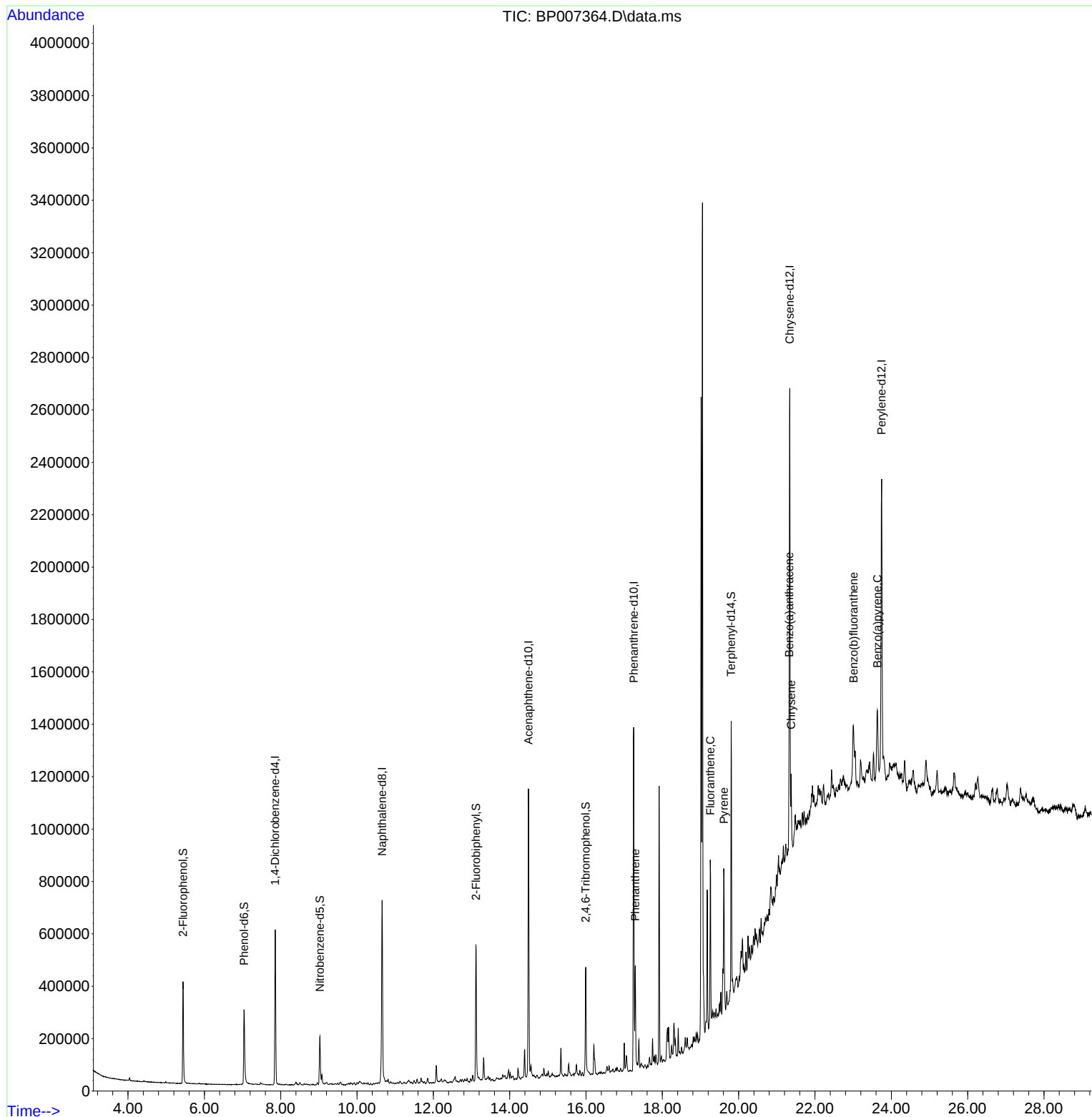
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	166081	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	640255	20.00	ng	# 0.00
39) Acenaphthene-d10	14.493	164	403940	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	837519	20.00	ng	0.00
76) Chrysene-d12	21.339	240	806275	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	864358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	189608	19.11	ng	-0.01
7) Phenol-d6	7.040	99	216678	15.98	ng	-0.01
23) Nitrobenzene-d5	9.028	82	128393	11.68	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	85150	16.26	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	323172	11.46	ng	-0.01
79) Terphenyl-d14	19.804	244	474159	11.27	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	231973	5.17	ng	99
75) Fluoranthene	19.257	202	328680	6.35	ng	97
78) Pyrene	19.610	202	335854	6.35	ng	98
81) Benzo(a)anthracene	21.322	228	168690	3.22	ng	95
83) Chrysene	21.375	228	155892	3.12	ng	# 93
88) Benzo(b)fluoranthene	23.010	252	176649	3.42	ng	# 85
90) Benzo(a)pyrene	23.639	252	144561	3.29	ng	# 87

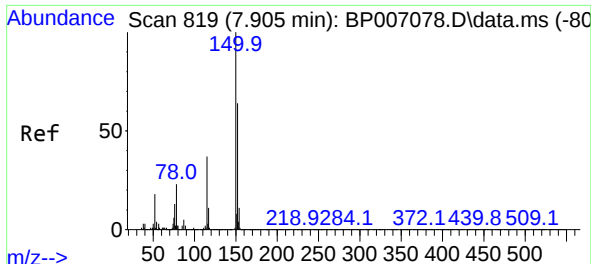
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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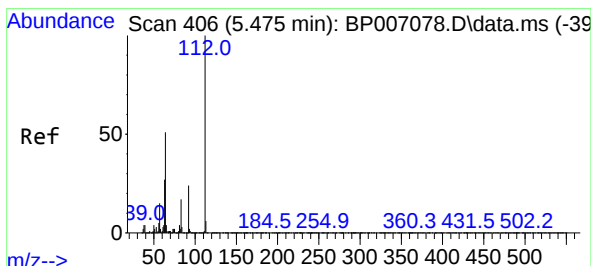
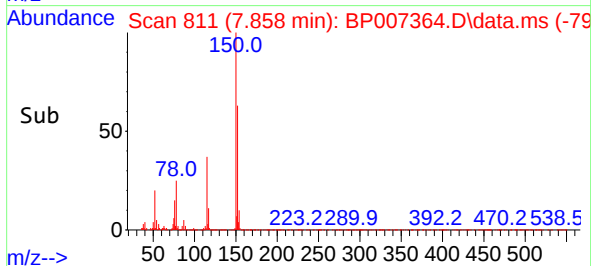
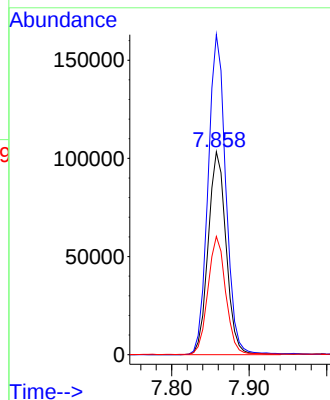
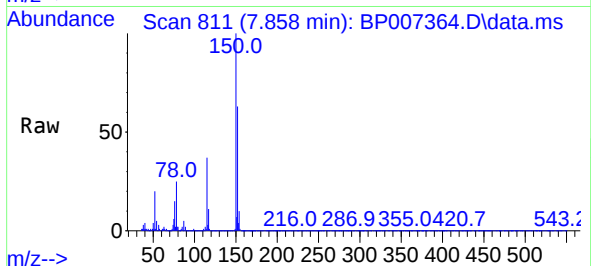




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

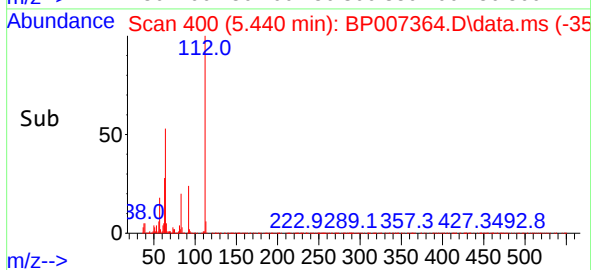
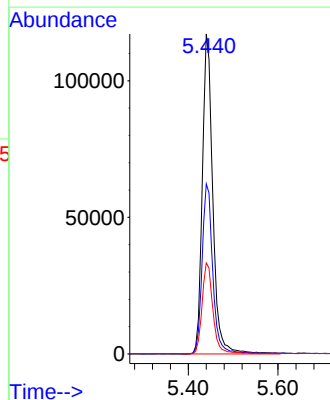
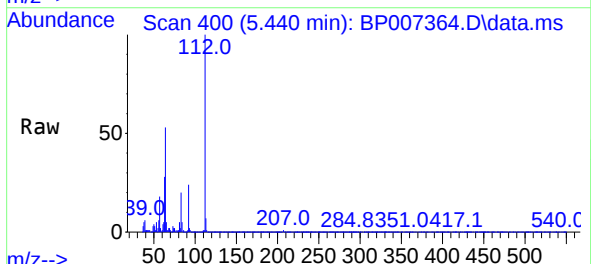
Instrument :
BNA_P
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OR-02-100521

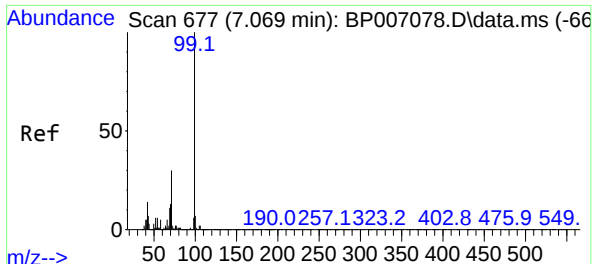
Tgt Ion:152 Resp: 166081
Ion Ratio Lower Upper
152 100
150 157.8 125.6 188.4
115 58.3 48.5 72.7



#5
2-Fluorophenol
Concen: 19.11 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:112 Resp: 189608
Ion Ratio Lower Upper
112 100
64 53.2 41.4 62.2
63 28.5 23.8 35.8



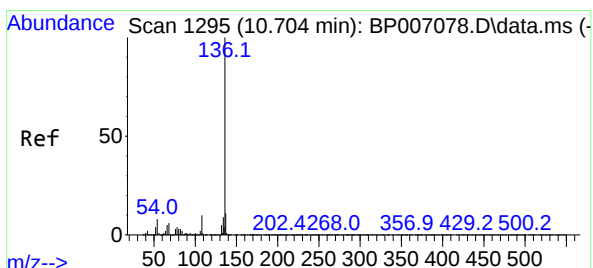
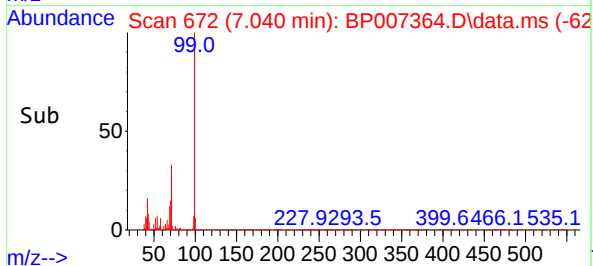
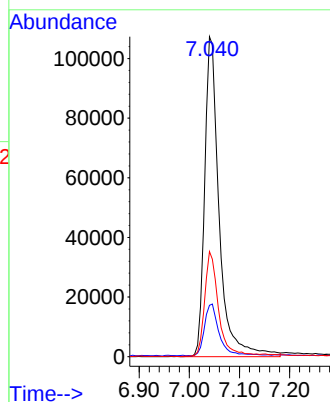
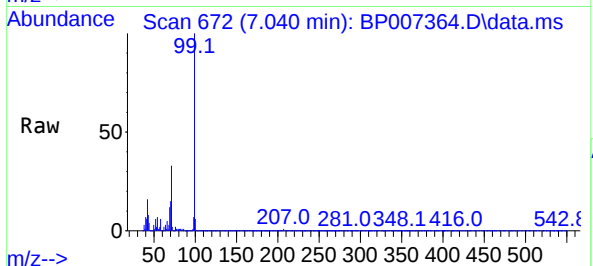


#7
Phenol-d6
Concen: 15.98 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Instrument :
BNA_P
ClientSampleId :
OR-02-100521

Tgt Ion: 99 Resp: 216678

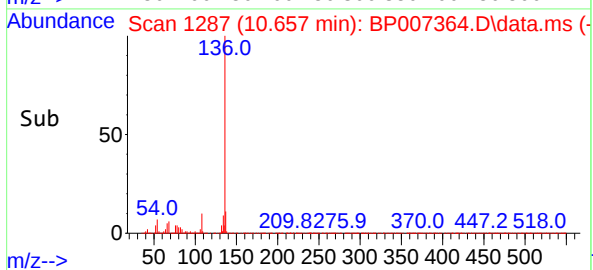
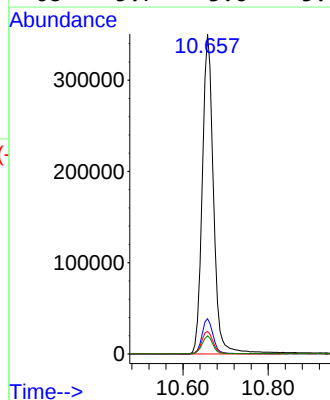
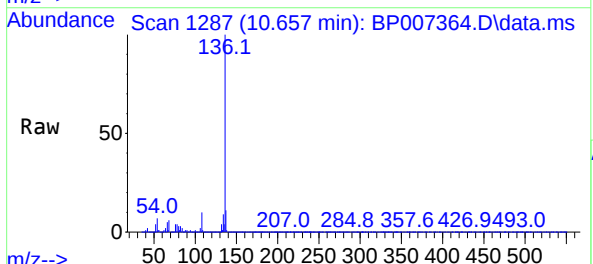
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.0
71	32.9	30.6	46.0

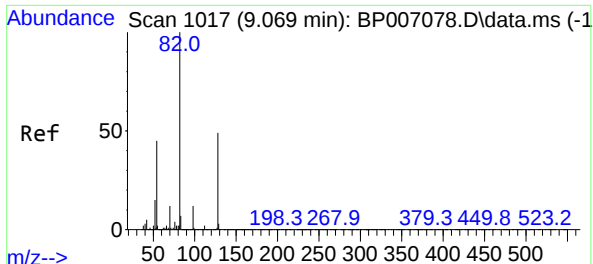


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion: 136 Resp: 640255

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.1	4.6	6.8#
68	5.7	3.6	5.4#

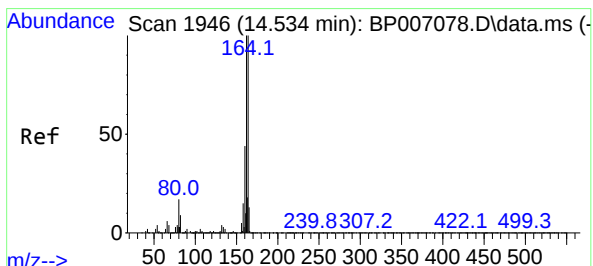
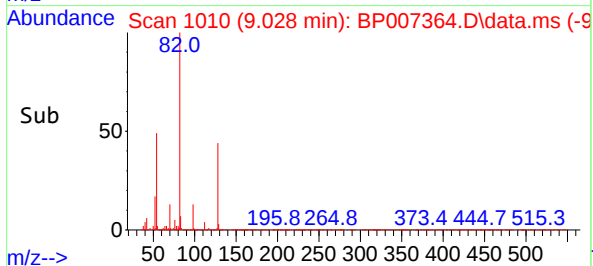
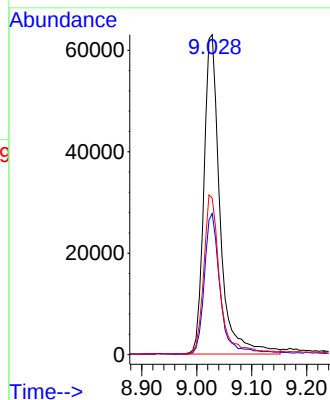
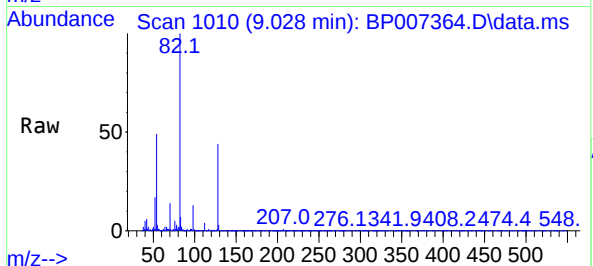




#23
Nitrobenzene-d5
Concen: 11.68 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

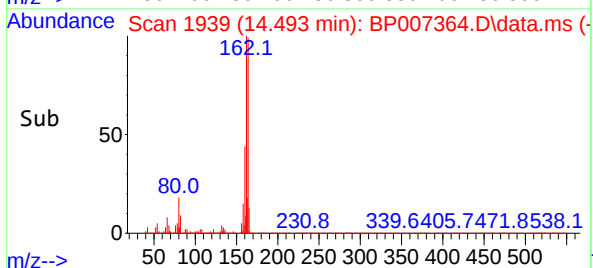
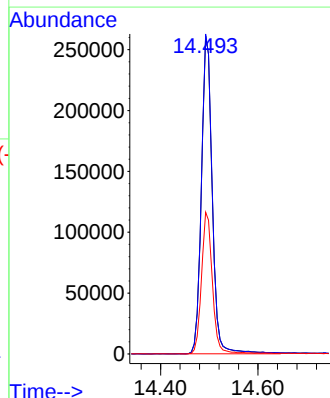
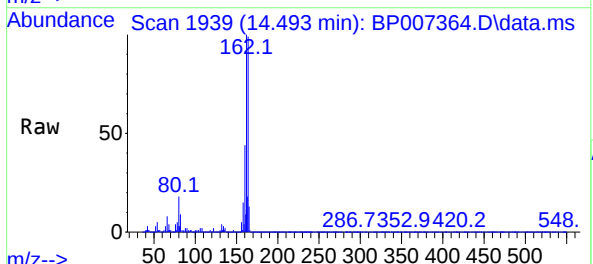
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

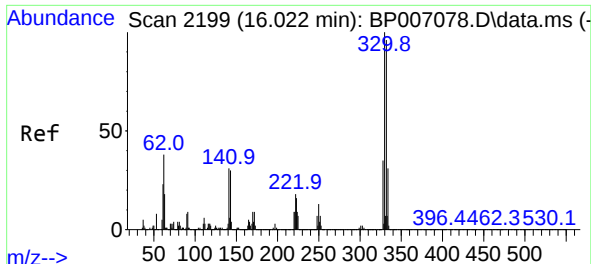
Tgt Ion: 82 Resp: 128393
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 48.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion: 164 Resp: 403940
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.6 34.5 51.7

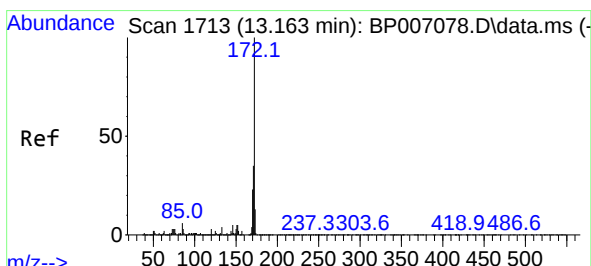
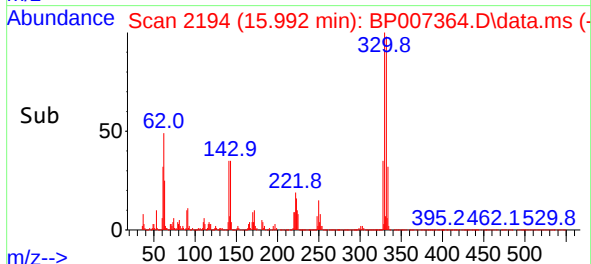
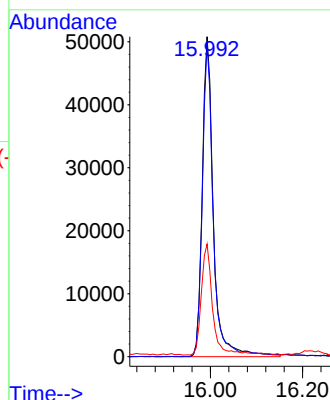
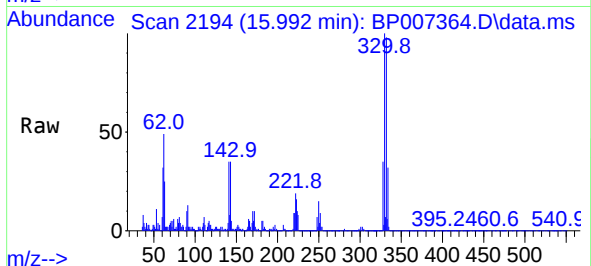




#42
2,4,6-Tribromophenol
Concen: 16.26 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

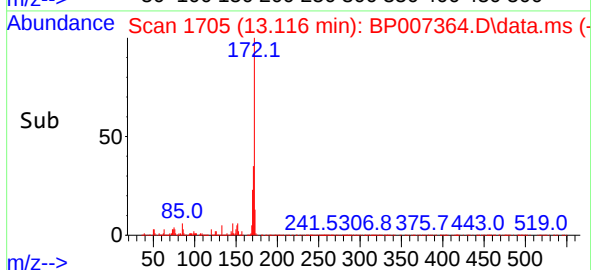
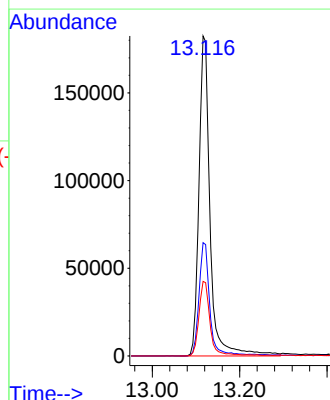
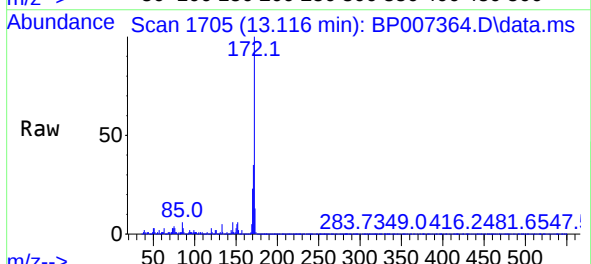
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

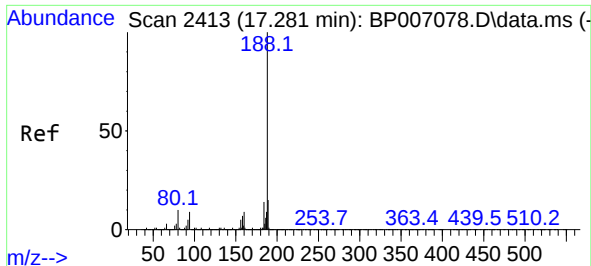
Tgt Ion:330 Resp: 85150
Ion Ratio Lower Upper
330 100
332 93.9 77.8 116.8
141 35.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 11.46 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:172 Resp: 323172
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

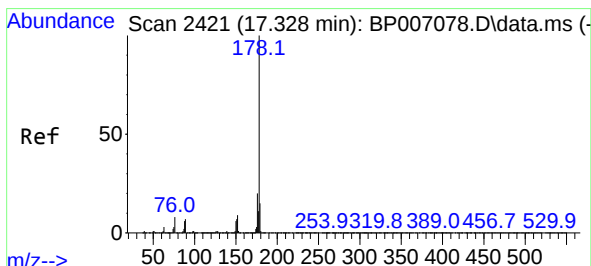
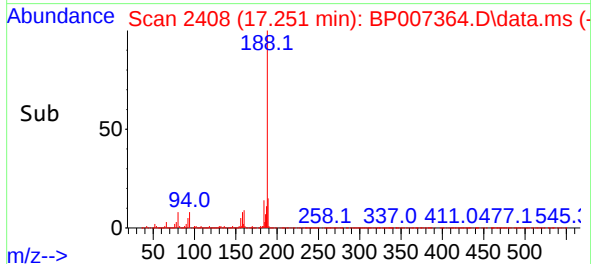
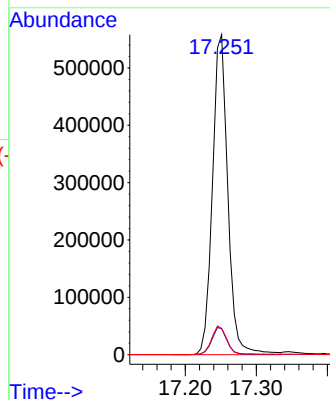
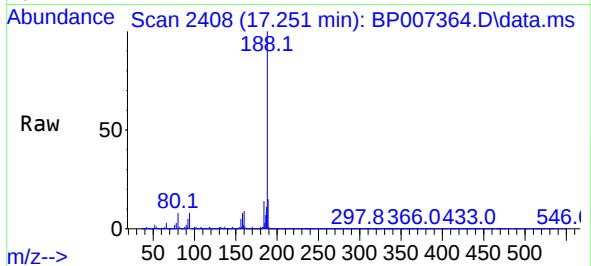




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

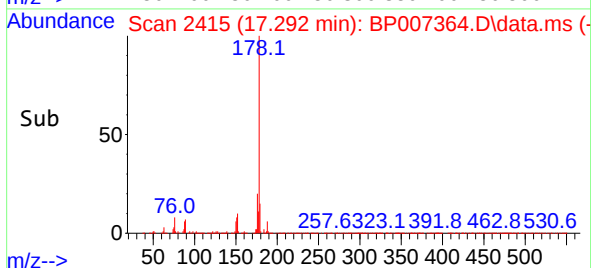
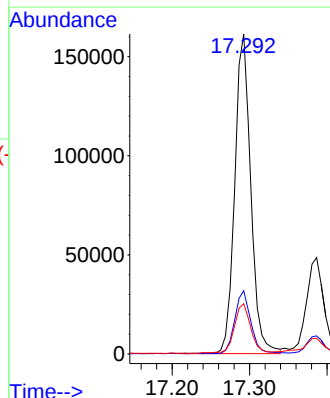
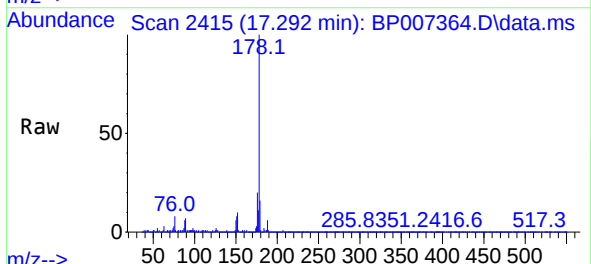
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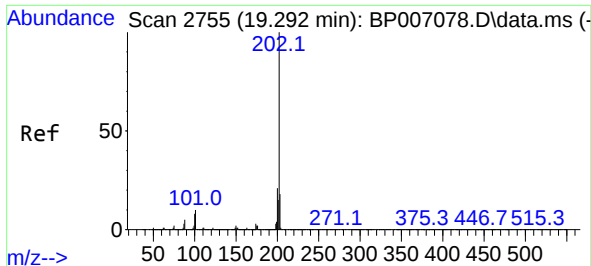
Tgt Ion:188 Resp: 837519
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.2 6.3 9.5



#71
Phenanthrene
Concen: 5.17 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:178 Resp: 231973
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.7 12.4 18.6

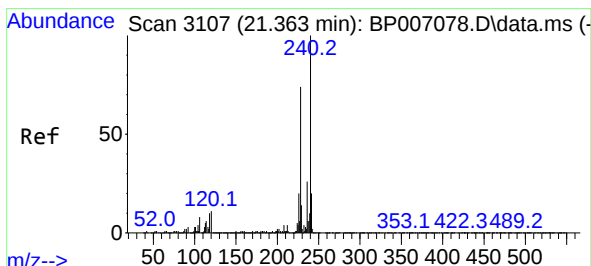
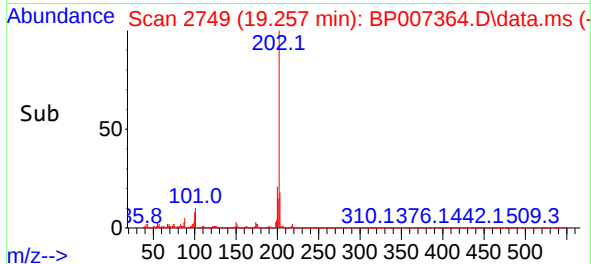
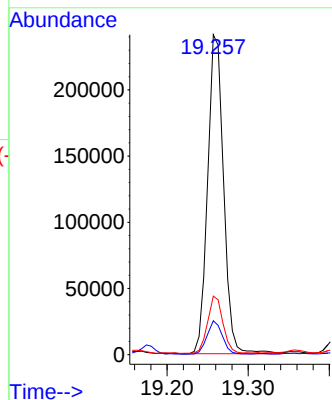
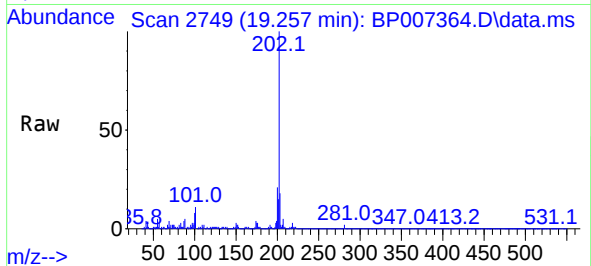




#75
Fluoranthene
Concen: 6.35 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

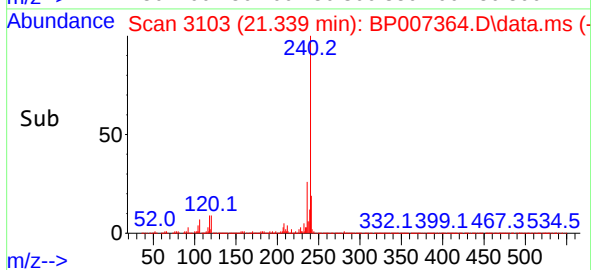
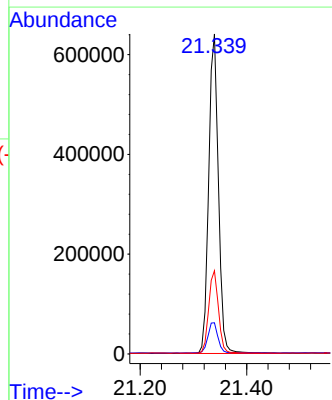
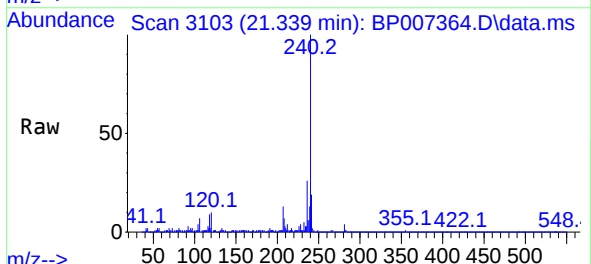
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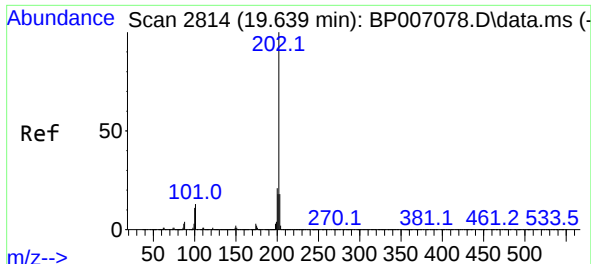
Tgt Ion:202	Resp:	328680
Ion Ratio	Lower	Upper
202	100	
101	10.6	0.0 27.6
203	18.3	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:240	Resp:	806275
Ion Ratio	Lower	Upper
240	100	
120	9.7	6.5 9.7#
236	26.0	20.6 31.0

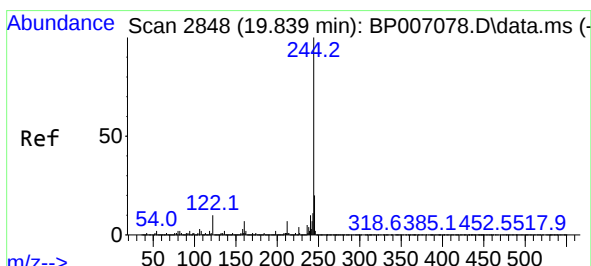
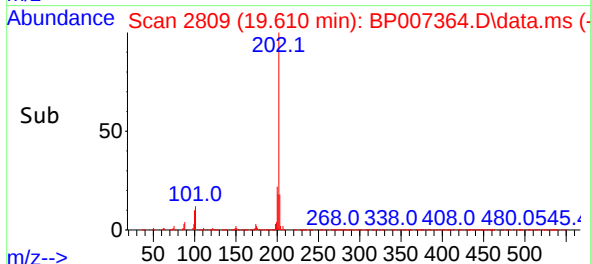
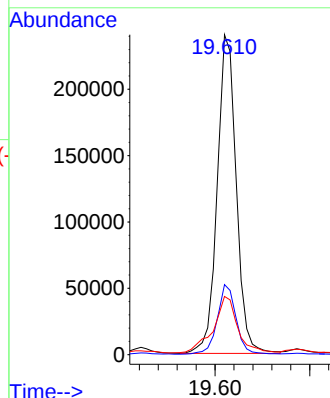
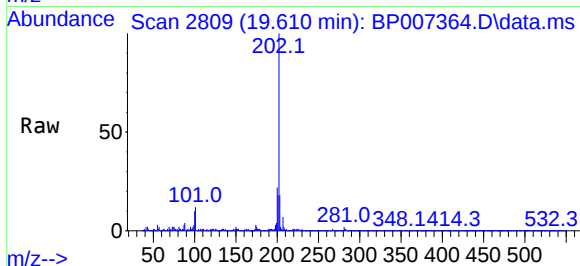




#78
Pyrene
Concen: 6.35 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

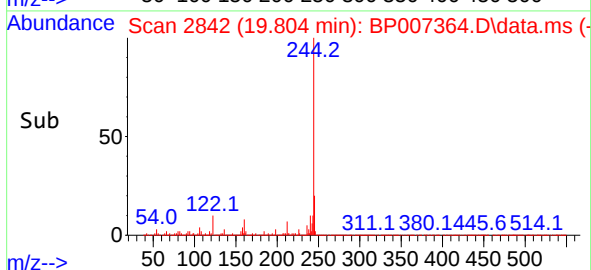
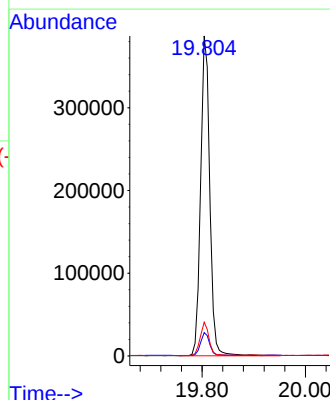
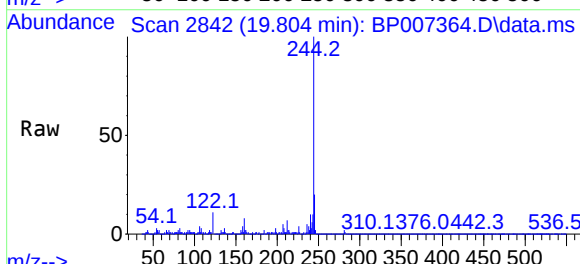
Instrument :
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ClientSampleId :
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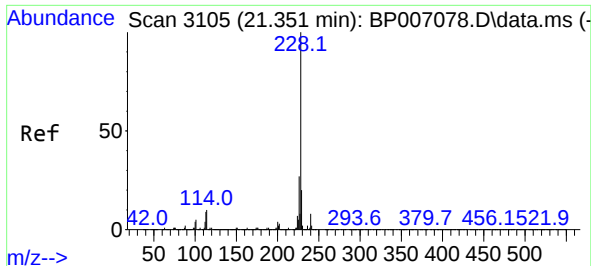
Tgt Ion:202	Resp:	335854
Ion Ratio	Lower	Upper
202	100	
200	21.9	16.3 24.5
203	18.2	14.2 21.2



#79
Terphenyl-d14
Concen: 11.27 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:244	Resp:	474159
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.0 9.0
122	10.5	7.1 10.7

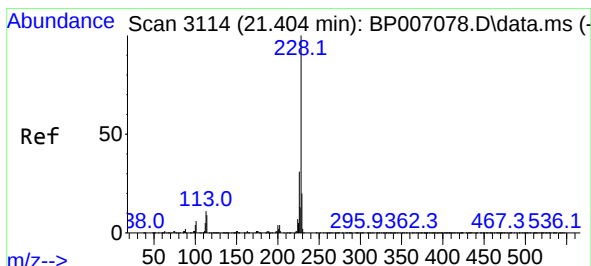
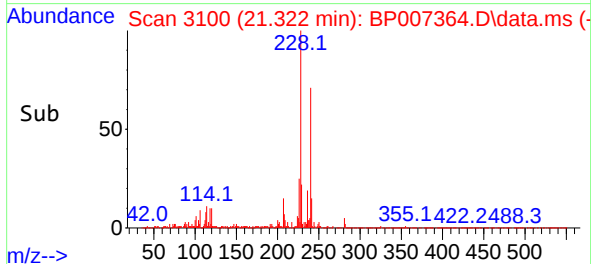
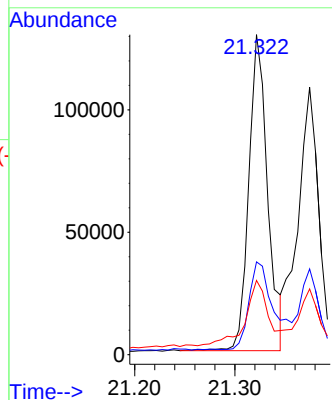
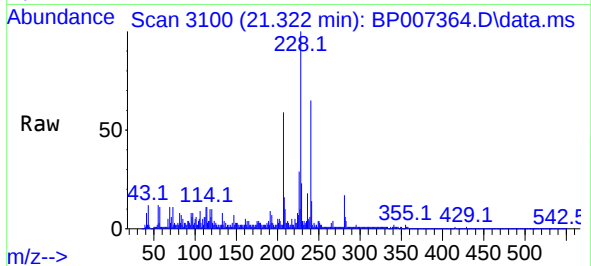




#81
Benzo(a)anthracene
Concen: 3.22 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

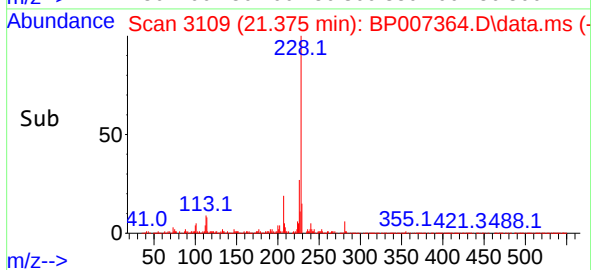
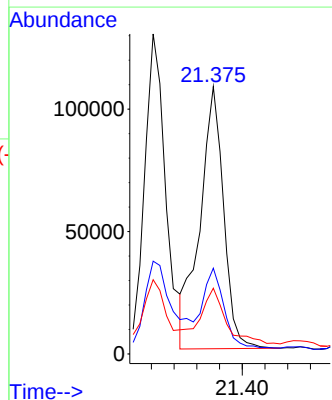
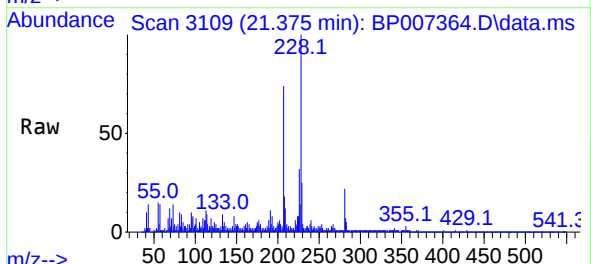
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

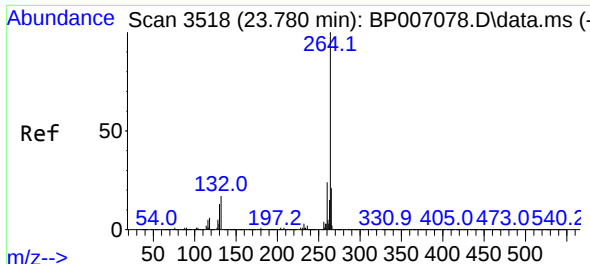
Tgt Ion:228 Resp: 168690
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 23.2 15.8 23.6



#83
Chrysene
Concen: 3.12 ng
RT: 21.375 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:228 Resp: 155892
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.6
229 24.6 15.4 23.2#

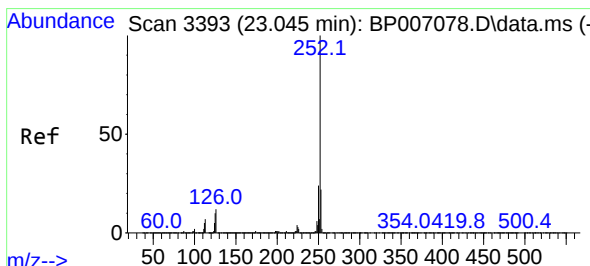
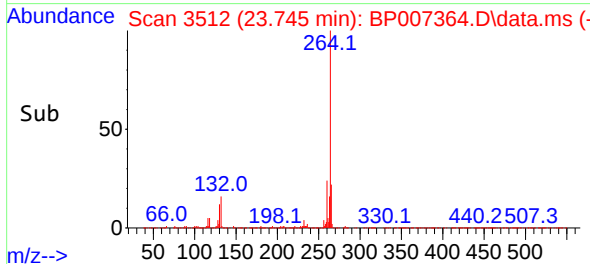
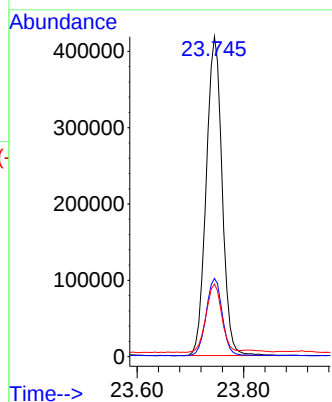
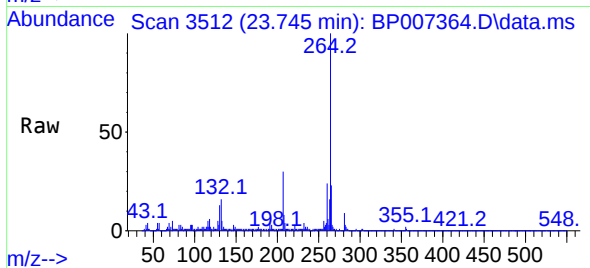




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

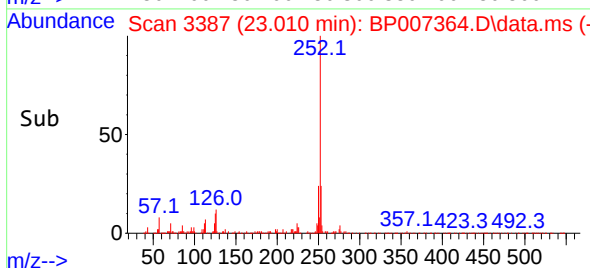
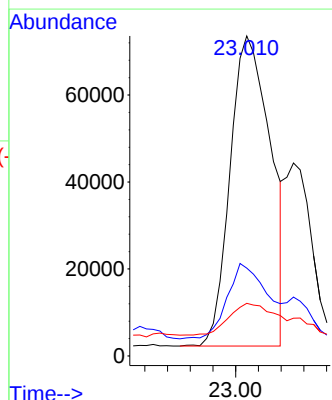
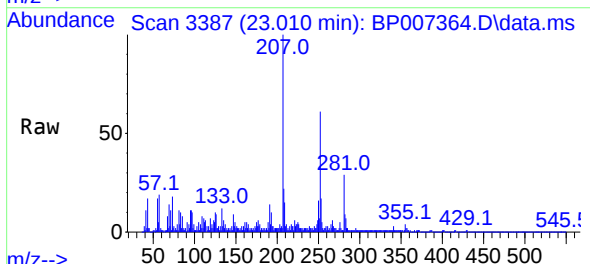
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

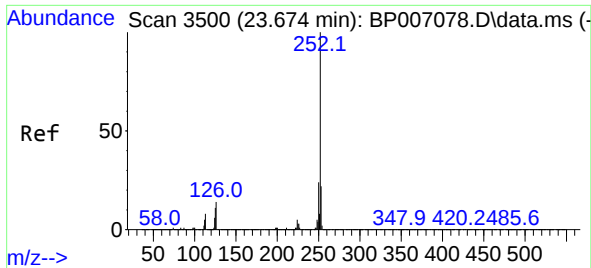
Tgt Ion:264 Resp: 864358
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.42 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:252 Resp: 176649
Ion Ratio Lower Upper
252 100
253 27.5 17.5 26.3#
125 16.5 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.29 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Instrument :
BNA_P
ClientSampleId :
OR-02-100521

Tgt Ion:252 Resp: 144561
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 16.9 6.5 9.7#

