

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003311.D
 Acq On : 16 Sep 2020 20:25
 Operator : CG/JU
 Sample : L4015-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 REACTOR-6E-(A-D-0-4)

Quant Time: Sep 17 02:33:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

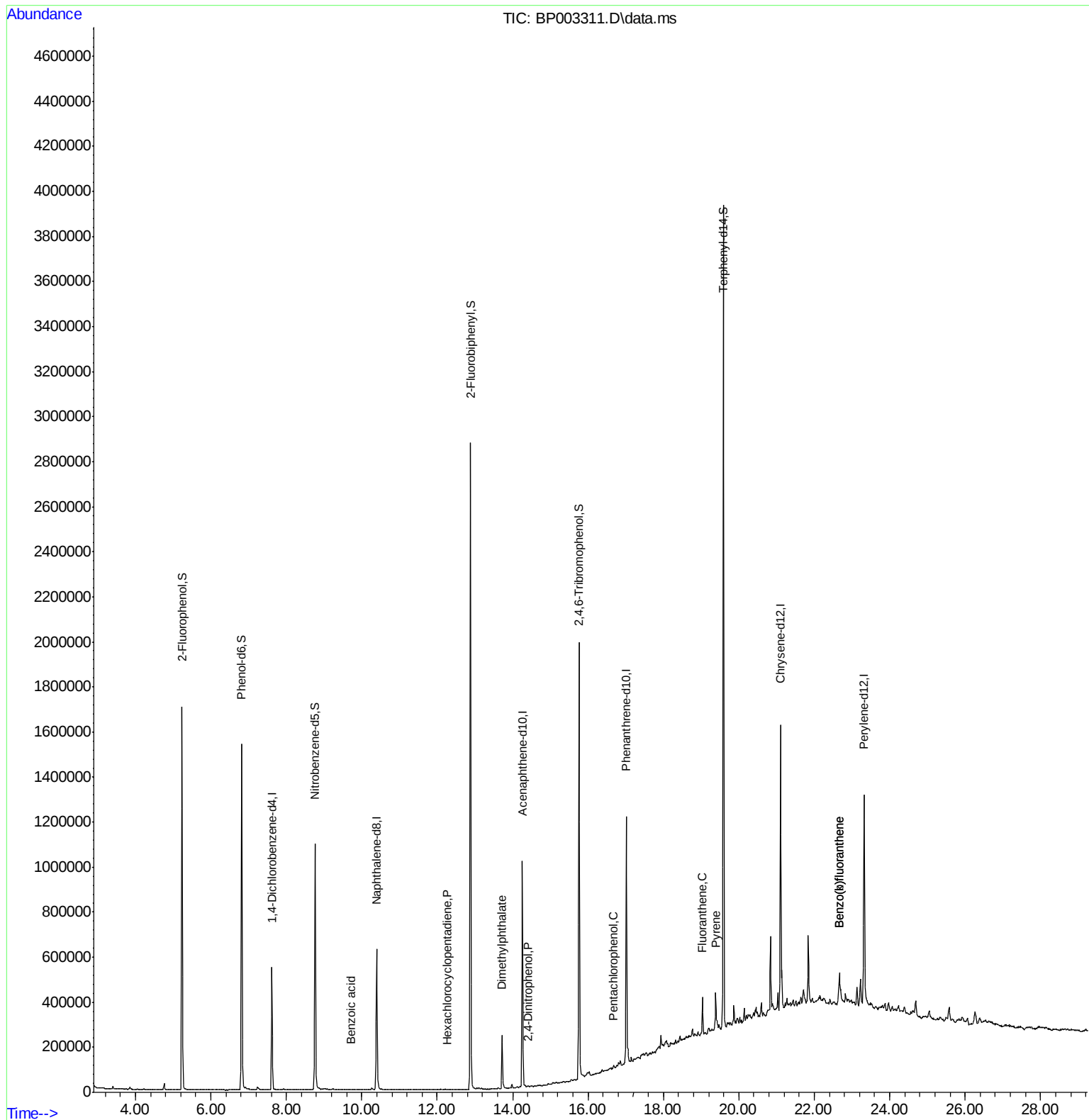
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	153019	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	597363	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	351051	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	671990	20.00	ng	0.00
76) Chrysene-d12	21.110	240	597694	20.00	ng	0.00
86) Perylene-d12	23.321	264	668836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	845795	96.52	ng	0.00
7) Phenol-d6	6.811	99	1055164	90.33	ng	0.00
23) Nitrobenzene-d5	8.763	82	701259	68.97	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	426843	79.72	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1603432	66.80	ng	0.00
79) Terphenyl-d14	19.592	244	1710433	59.63	ng	0.00
Target Compounds						
32) Benzoic acid	9.728	122	30	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.269	237	37	6.85	ng	79
50) Dimethylphthalate	13.722	163	182451	6.51	ng	100
54) 2,4-Dinitrophenol	14.416	184	26	7.26	ng	# 1
70) Pentachlorophenol	16.681	266	124	6.80	ng	# 59
75) Fluoranthene	19.039	202	106327	2.31	ng	98
78) Pyrene	19.386	202	105230	2.82	ng	98
88) Benzo(b)fluoranthene	22.657	252	138091	3.27	ng	# 94
89) Benzo(k)fluoranthene	22.657	252	138091	3.41	ng	# 95

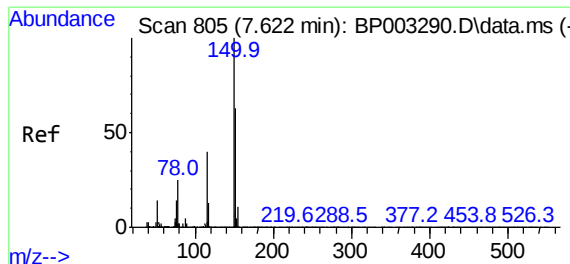
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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REACTOR-6E-(A-D-0-4)

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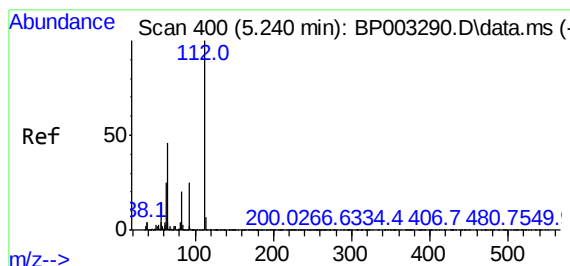
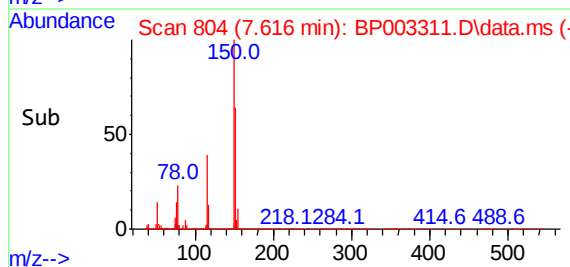
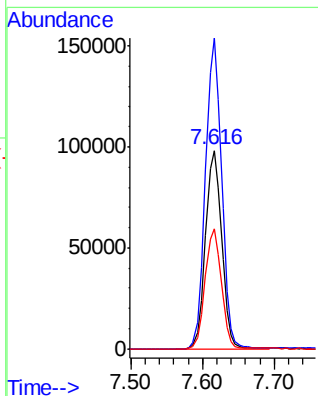
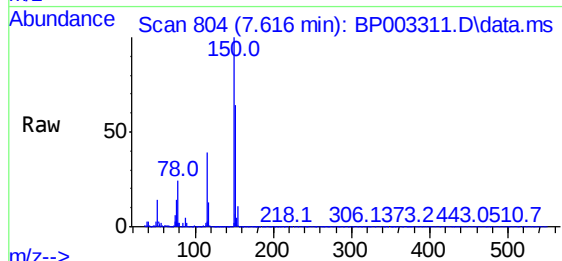




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

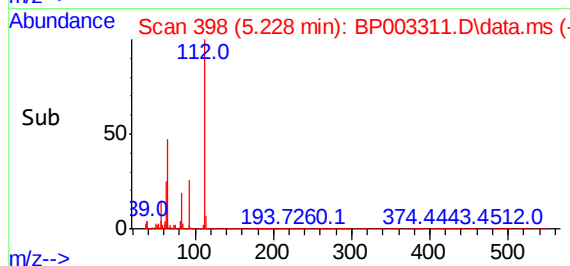
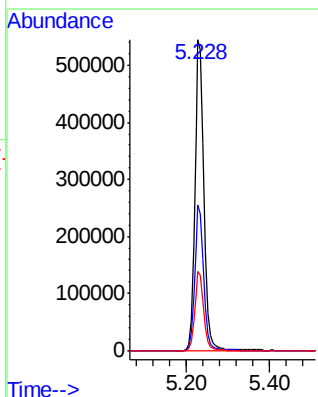
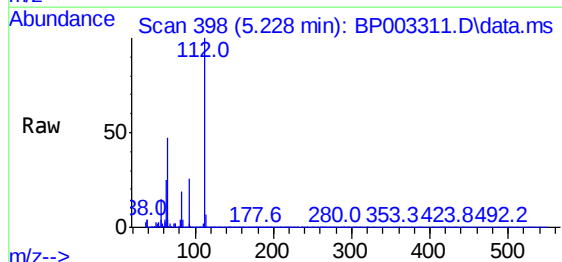
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

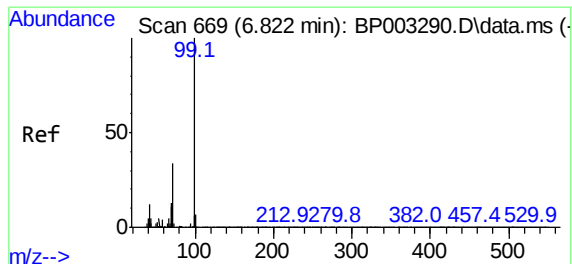
Tgt Ion:152 Resp: 153019
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 60.4 43.8 65.6



#5
2-Fluorophenol
Concen: 96.52 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:112 Resp: 845795
Ion Ratio Lower Upper
112 100
64 47.0 32.8 49.2
63 25.2 17.0 25.4



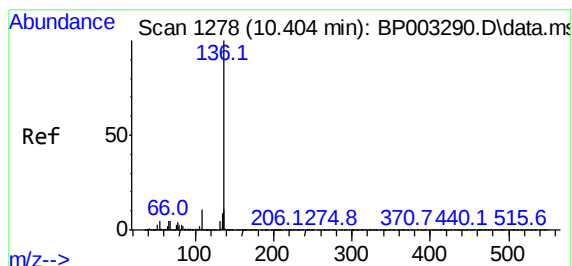
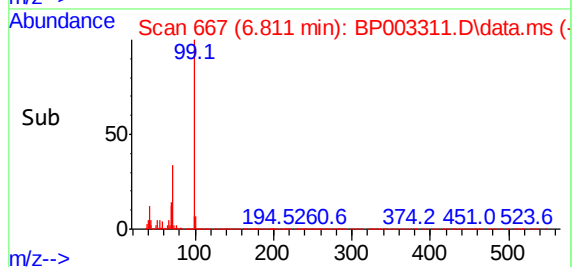
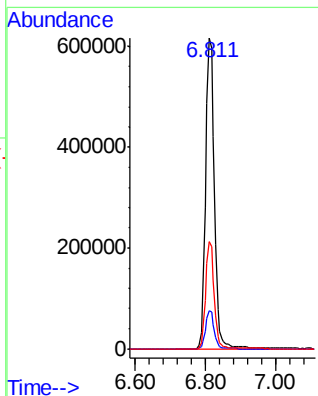
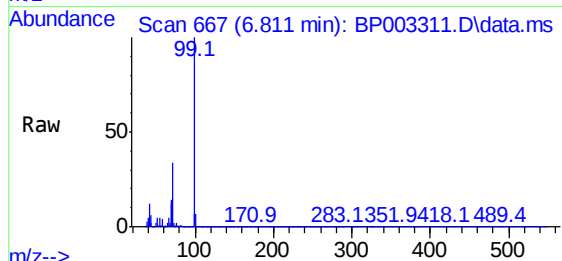


#7
Phenol-d6
Concen: 90.33 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Tgt Ion: 99 Resp: 1055164

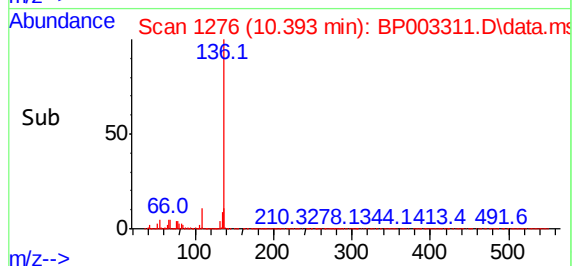
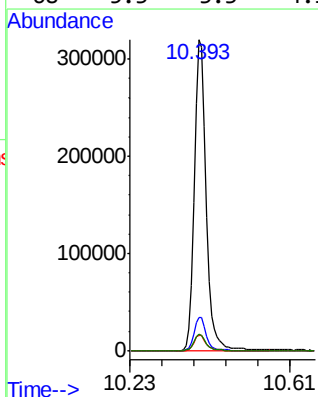
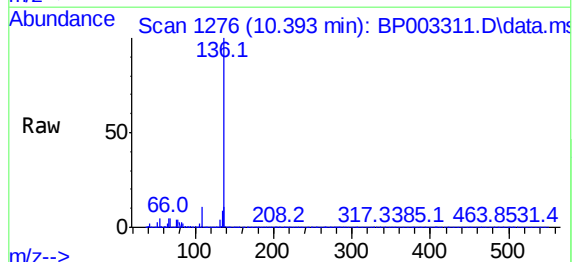
Ion	Ratio	Lower	Upper
99	100		
42	12.2	8.6	13.0
71	34.5	23.4	35.2

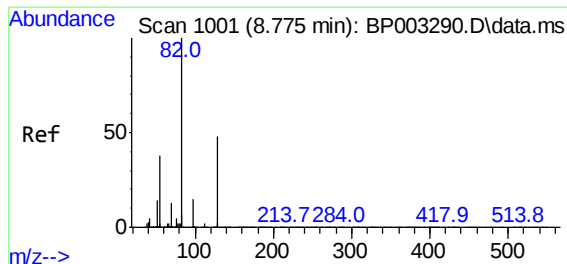


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 136 Resp: 597363

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	3.6	5.4
68	5.3	3.3	4.9

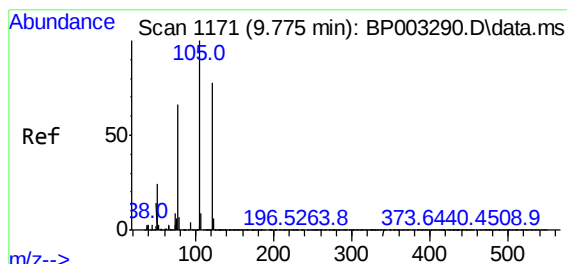
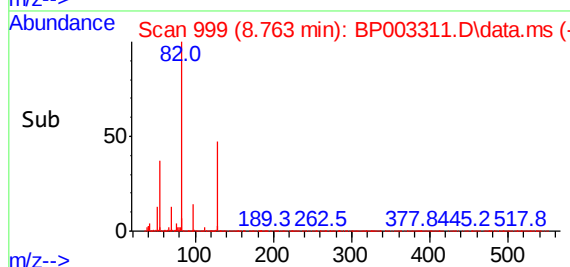
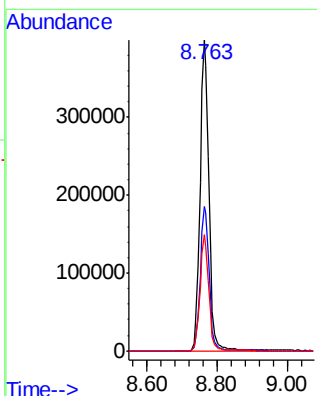
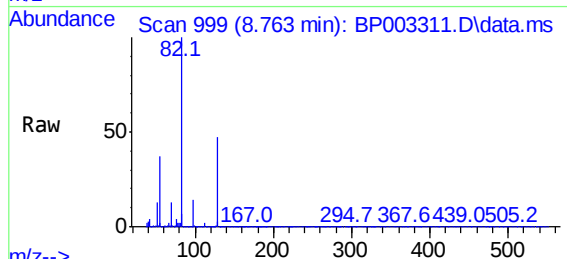




#23
Nitrobenzene-d5
Concen: 68.97 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

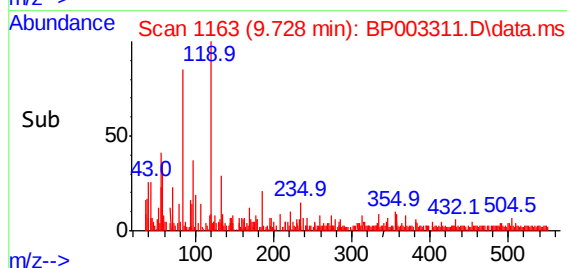
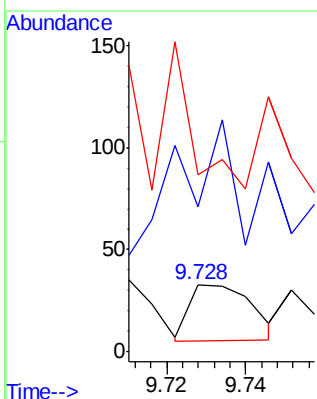
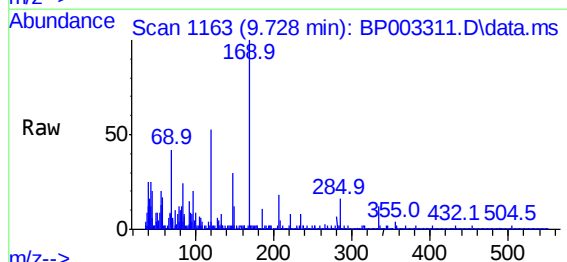
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

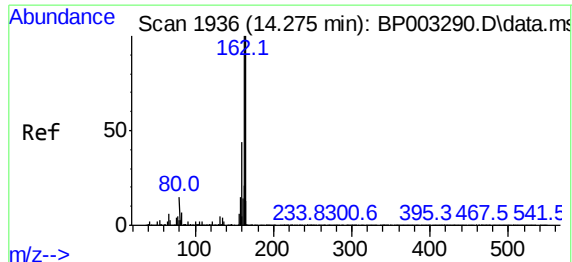
Tgt Ion: 82 Resp: 701259
Ion Ratio Lower Upper
82 100
128 46.6 45.6 68.4
54 37.5 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. -0.029 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:122 Resp: 30
Ion Ratio Lower Upper
122 100
105 215.2 94.1 134.1#
77 263.6 50.1 90.1#

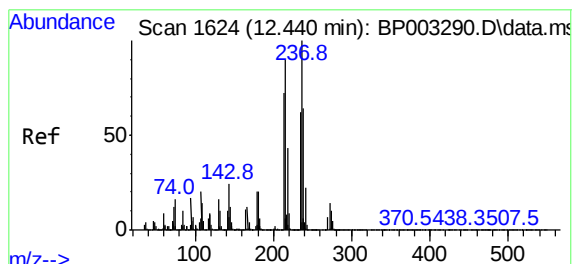
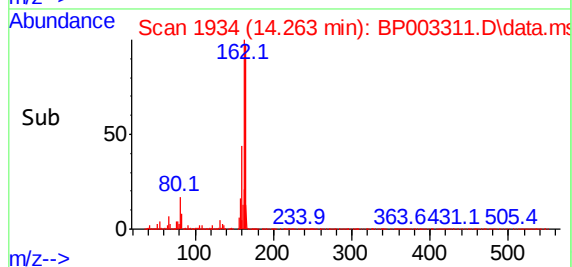
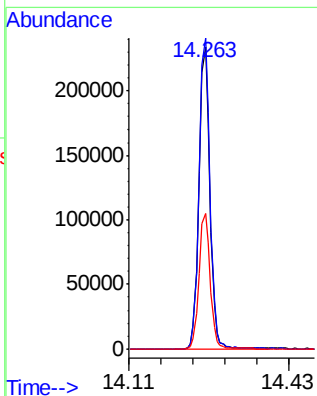
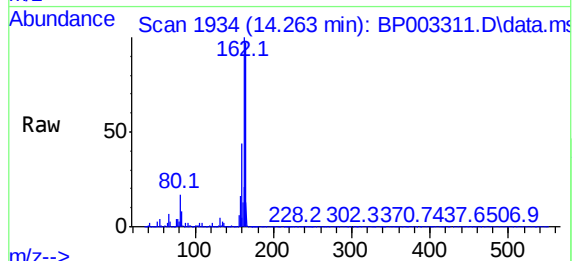




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

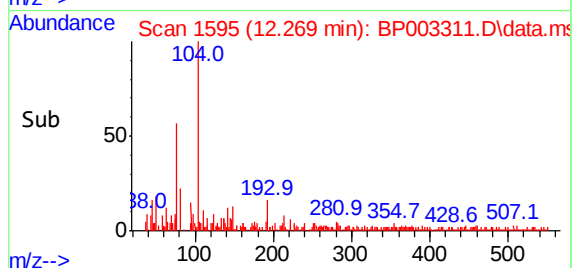
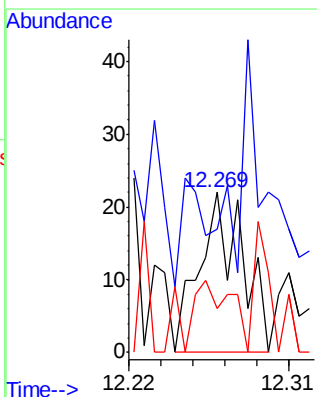
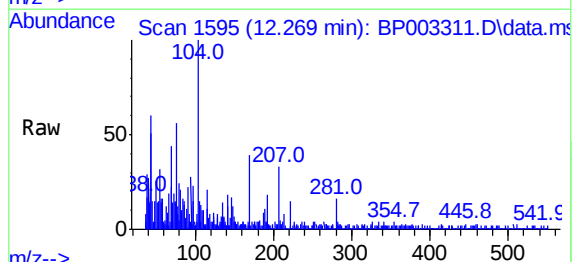
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

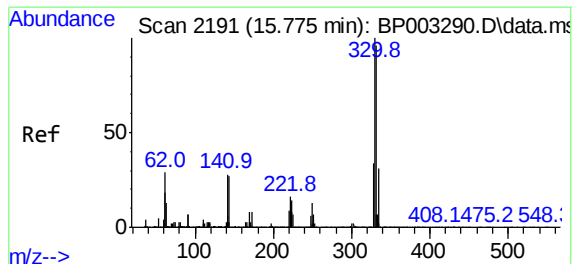
Tgt Ion:164 Resp: 351051
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 45.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.269 min Scan# 1595
Delta R.T. -0.159 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:237 Resp: 37
Ion Ratio Lower Upper
237 100
235 77.3 43.2 83.2
272 27.3 0.0 33.3

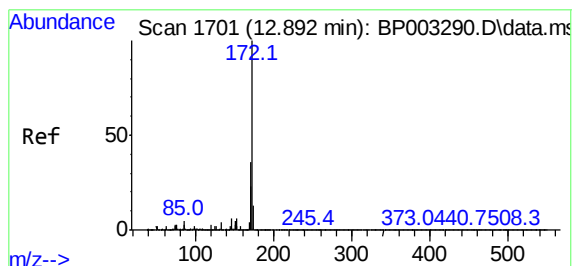
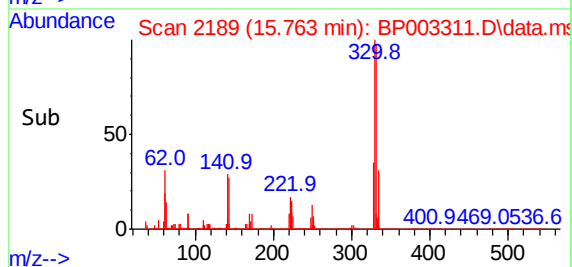
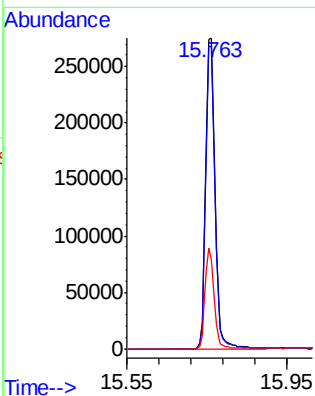
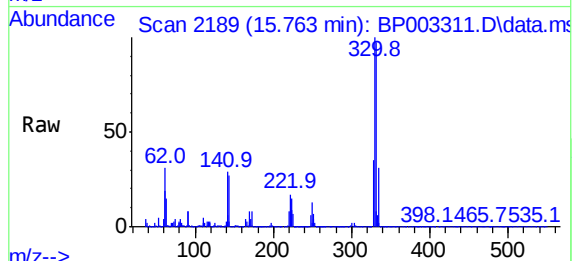




#42
2,4,6-Tribromophenol
Concen: 79.72 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

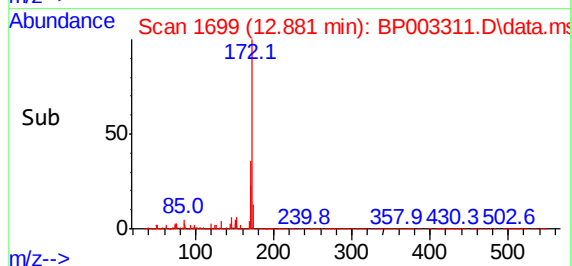
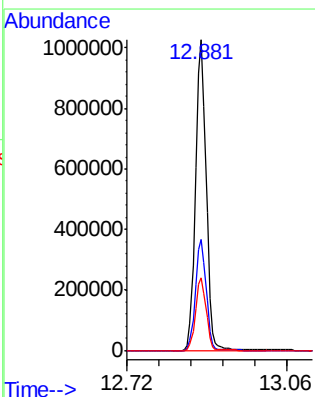
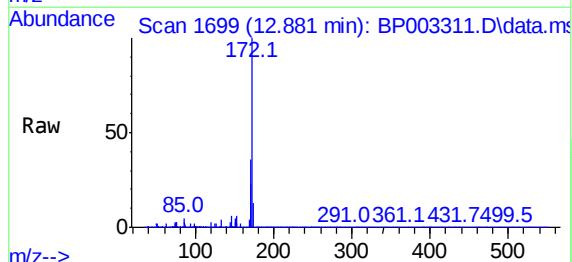
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

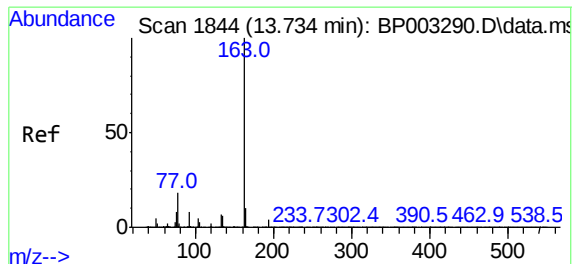
Tgt Ion:330 Resp: 426843
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.80 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:172 Resp: 1603432
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.3 19.2 28.8

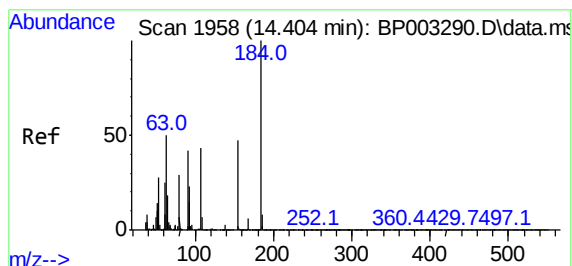
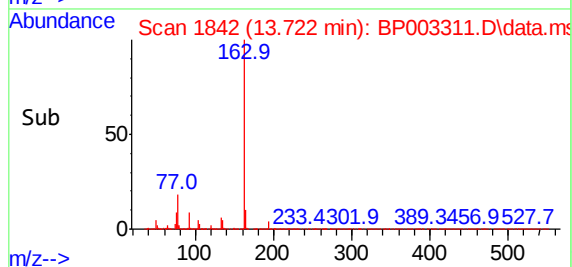
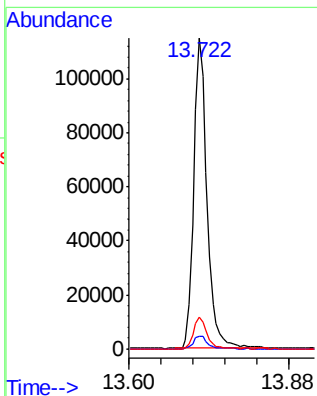
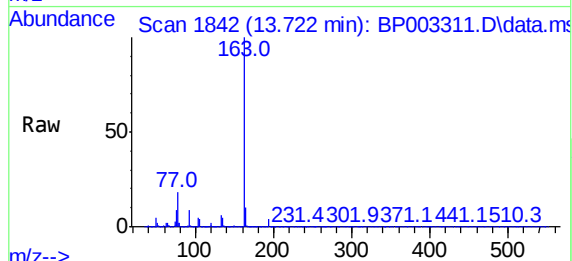




#50
Dimethylphthalate
Concen: 6.51 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

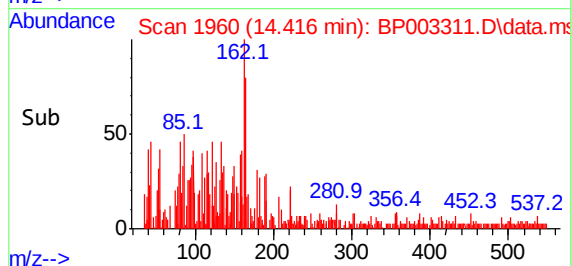
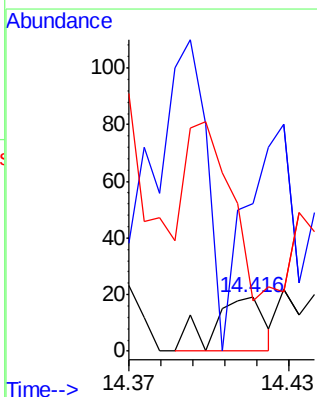
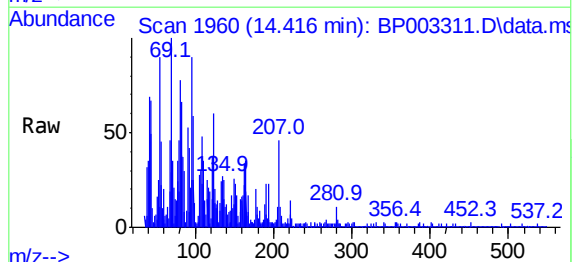
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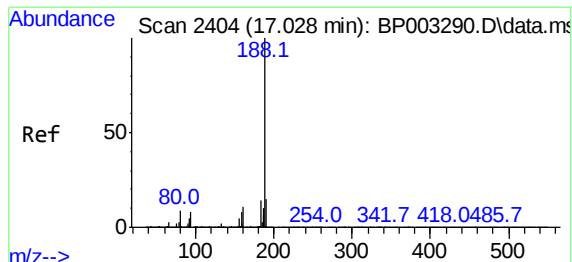
Tgt Ion:163 Resp: 182451
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.416 min Scan# 1960
Delta R.T. 0.018 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 273.7 32.3 48.5#
154 94.7 49.1 73.7#

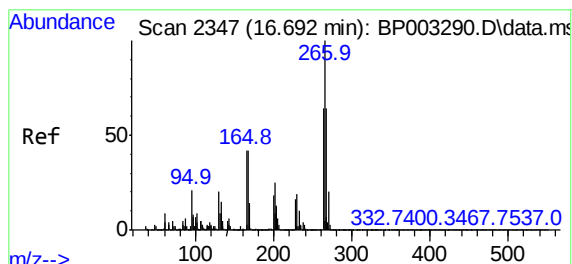
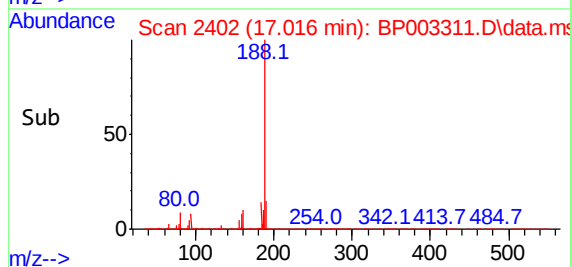
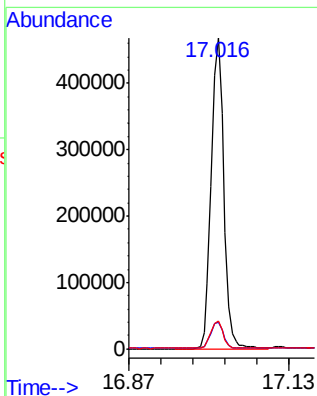
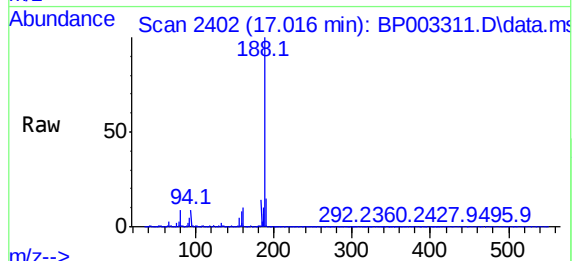




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

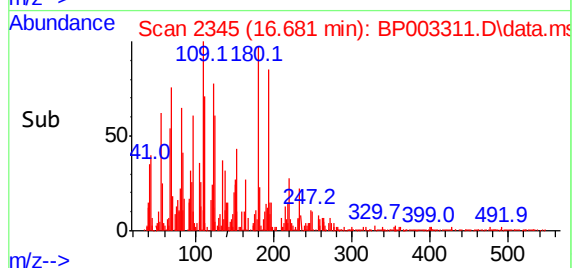
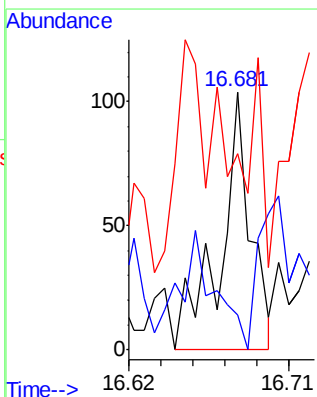
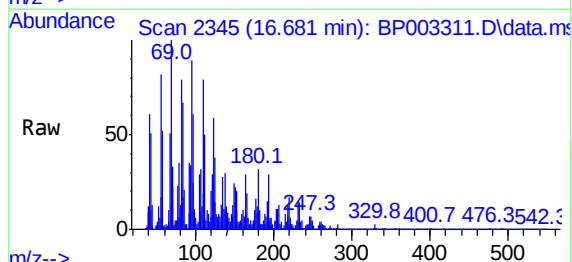
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

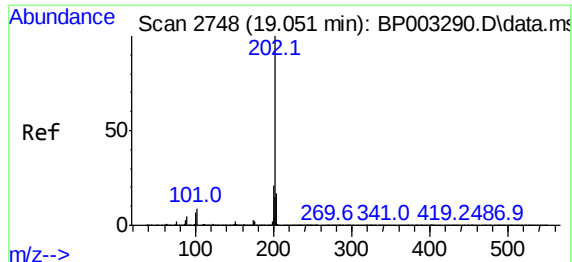
Tgt Ion:188 Resp: 671990
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.8 6.2 9.2



#70
Pentachlorophenol
Concen: 6.80 ng
RT: 16.681 min Scan# 2345
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
268 13.5 51.1 76.7#
264 76.0 50.6 76.0#

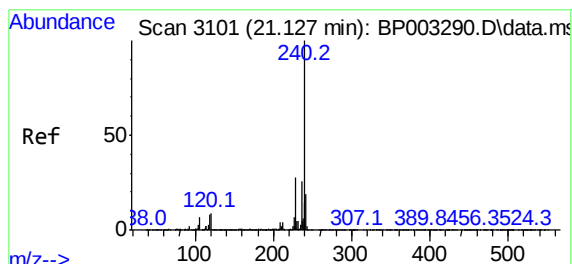
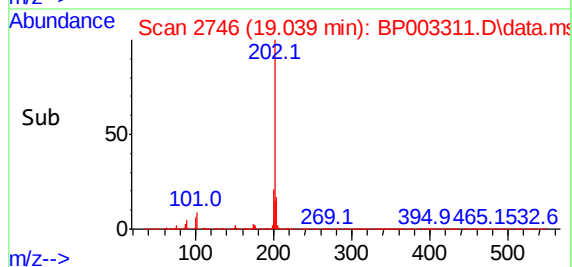
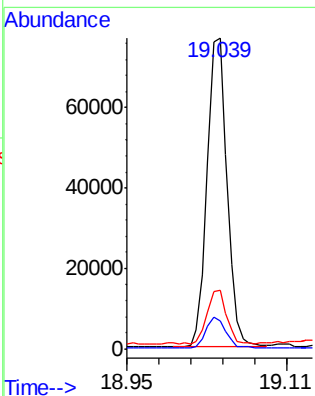
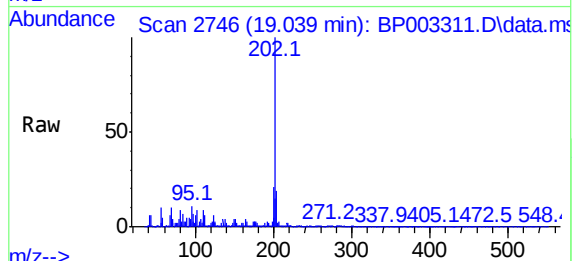




#75
Fluoranthene
Concen: 2.31 ng
RT: 19.039 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

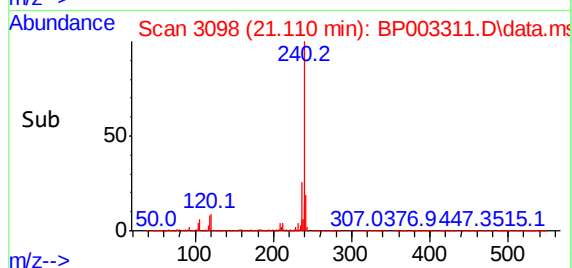
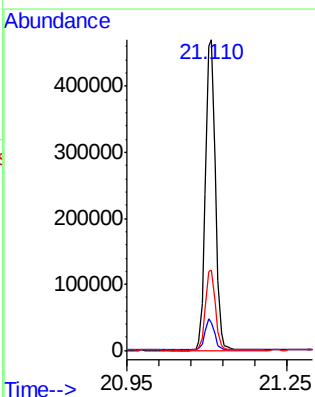
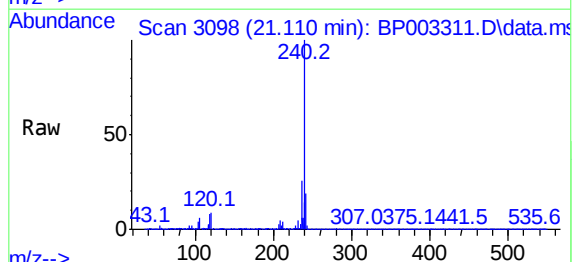
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

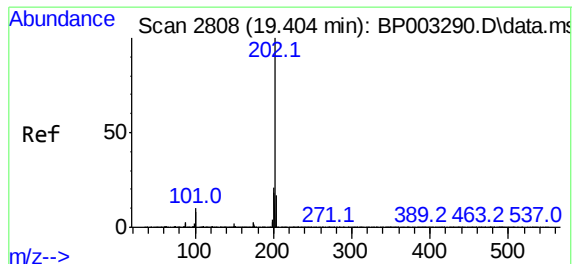
Tgt Ion:202 Resp: 106327
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.4
203 18.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:240 Resp: 597694
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.9 20.8 31.2

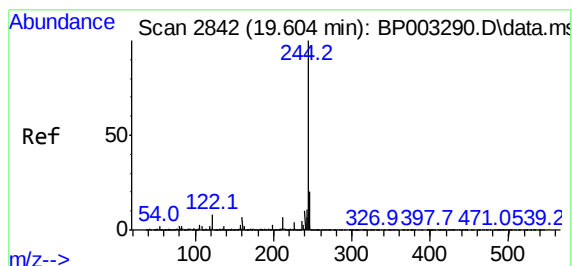
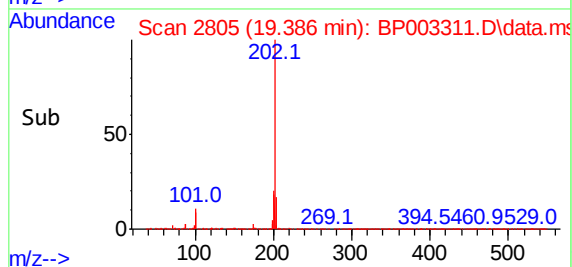
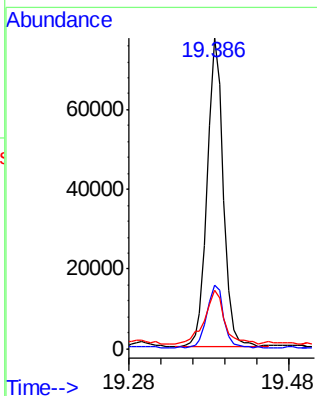
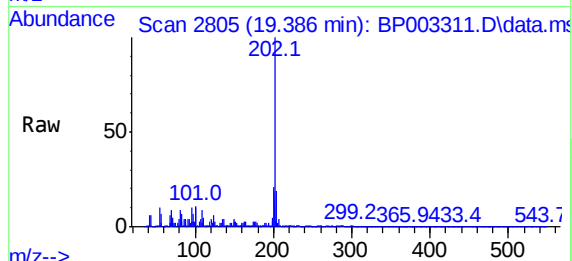




#78
Pyrene
Concen: 2.82 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

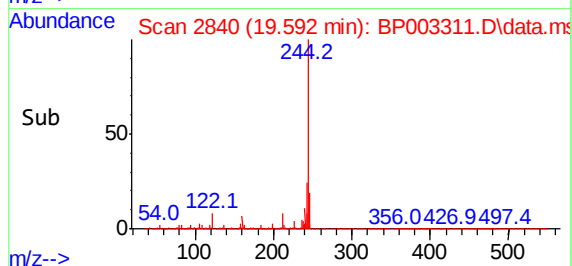
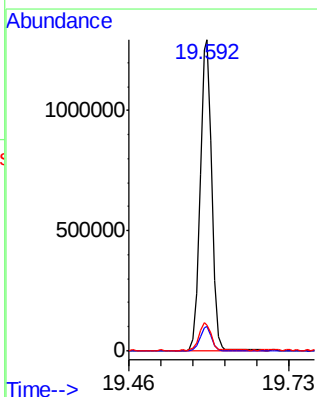
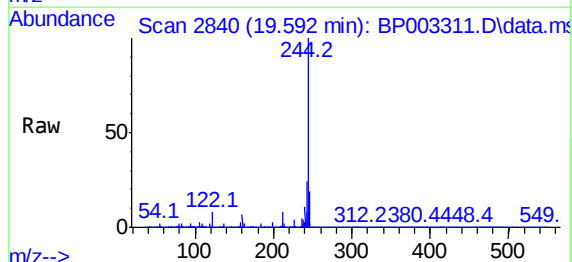
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

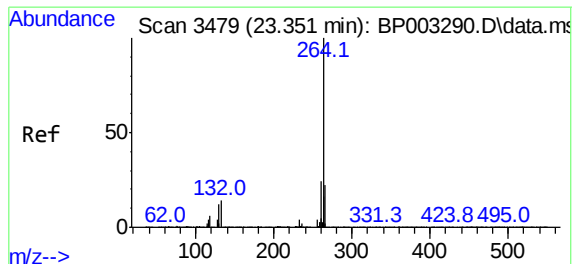
Tgt Ion:202 Resp: 105230
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.8 14.2 21.2



#79
Terphenyl-d14
Concen: 59.63 ng
RT: 19.592 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:244 Resp: 1710433
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.3 7.8 11.8

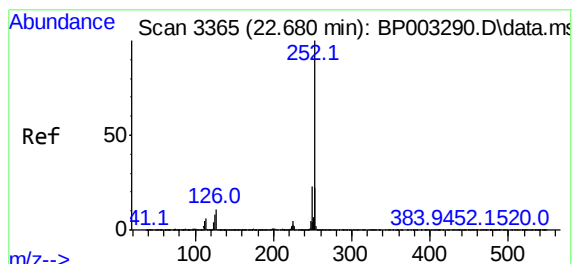
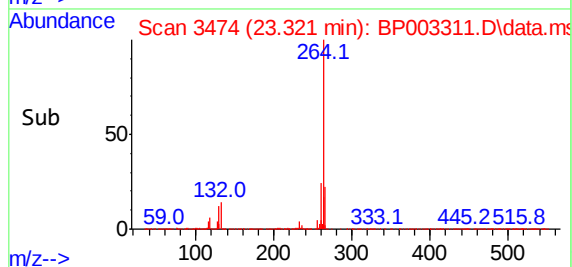
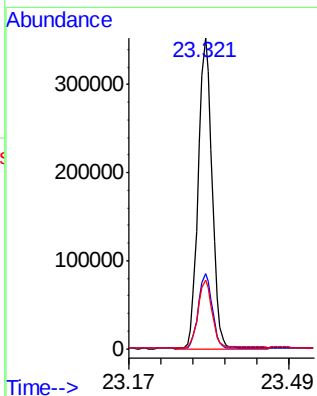
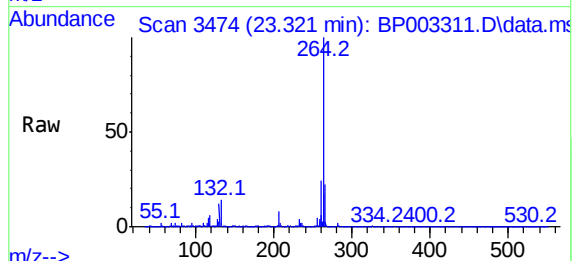




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

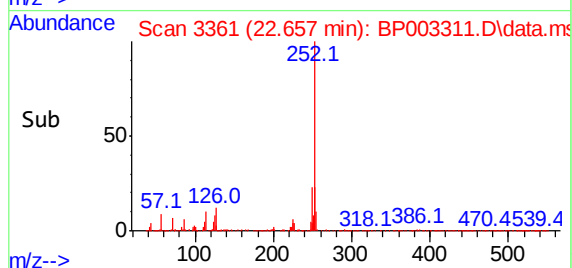
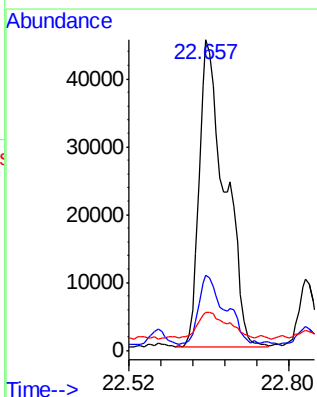
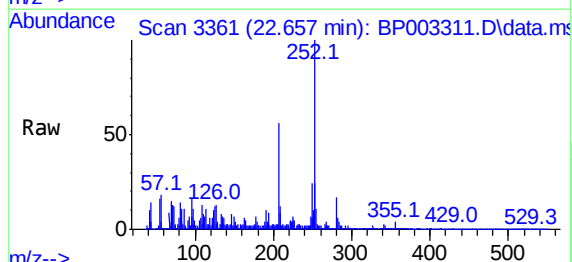
Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

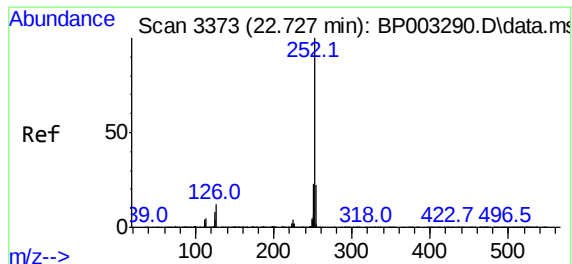
Tgt Ion:264 Resp: 668836
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.1 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Tgt Ion:252 Resp: 138091
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 12.4 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 3.41 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.047 min
Lab File: BP003311.D
Acq: 16 Sep 2020 20:25

Instrument :
BNA_P
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Tgt Ion:252 Resp: 138091
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 12.4 7.4 11.2#

