

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004544.D
 Acq On : 13 Jan 2021 18:55
 Operator : CG/JU
 Sample : M1068-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-066-A

Quant Time: Jan 13 21:51:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

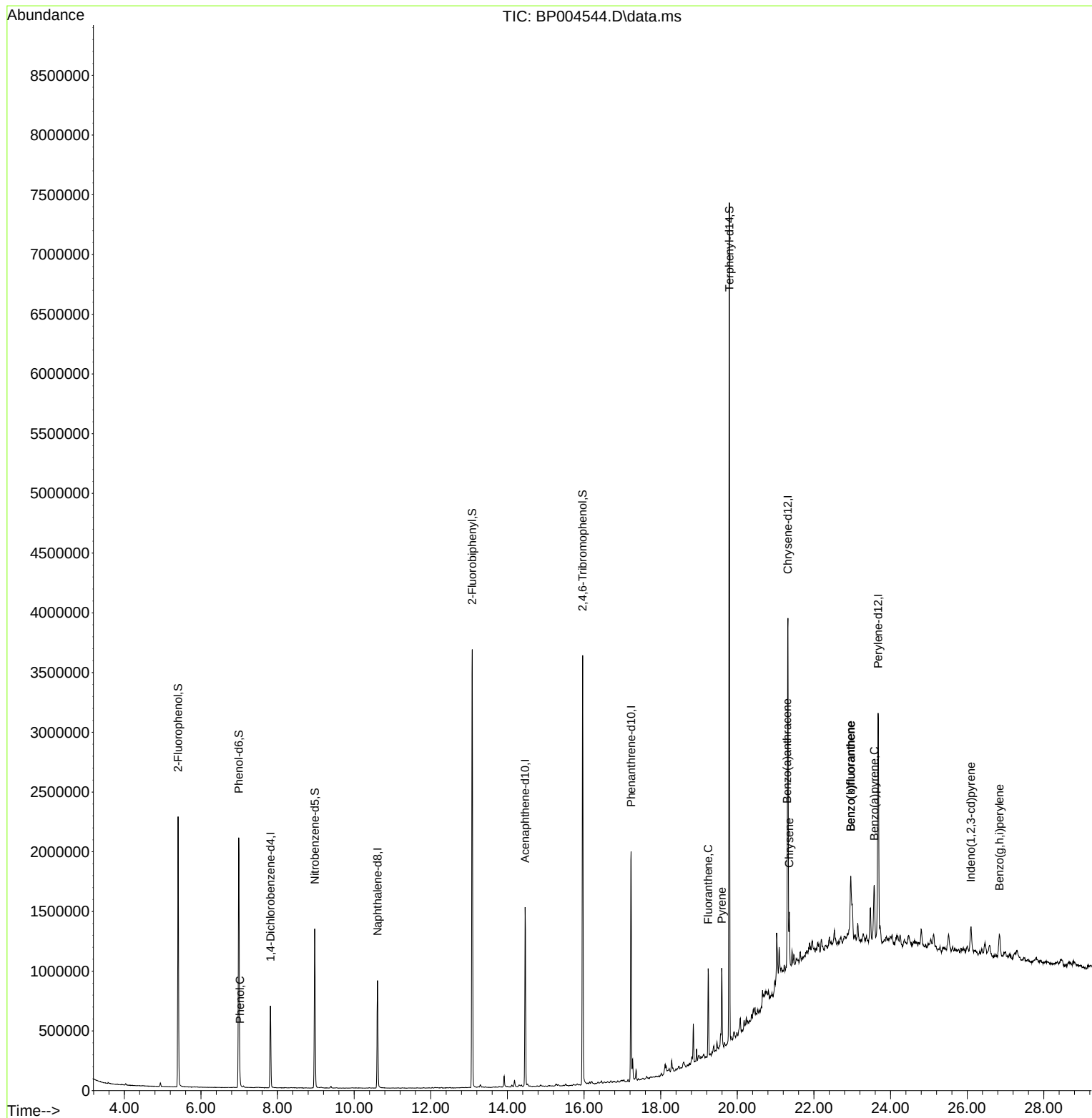
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	218178	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	836414	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	546440	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1241347	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1405762	20.00	ng	0.00
86) Perylene-d12	23.674	264	1572142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1136543	90.79	ng	0.00
7) Phenol-d6	6.987	99	1416125	82.60	ng	0.00
23) Nitrobenzene-d5	8.969	82	797004	53.87	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	878733	92.49	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2101023	49.98	ng	0.00
79) Terphenyl-d14	19.792	244	3373048	43.84	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.987	77	3295	Below Cal	#	6
10) Phenol	7.016	94	44983	2.74	ng	92
32) Benzoic acid	9.910	122	608	Below Cal	#	64
41) Hexachlorocyclopentadiene	12.857	237	27	Below Cal		97
54) 2,4-Dinitrophenol	14.557	184	61	Below Cal	#	1
75) Fluoranthene	19.239	202	446567	5.16	ng	100
78) Pyrene	19.592	202	428752	4.48	ng	99
81) Benzo(a)anthracene	21.304	228	307951	3.22	ng	97
83) Chrysene	21.357	228	269539	2.96	ng	97
87) Indeno(1,2,3-cd)pyrene	26.098	276	255852	2.11	ng	# 93
88) Benzo(b)fluoranthene	22.963	252	603489	5.93	ng	95
89) Benzo(k)fluoranthene	22.963	252	603489	6.22	ng	95
90) Benzo(a)pyrene	23.574	252	333677	3.52	ng	95
92) Benzo(g,h,i)perylene	26.845	276	252742	2.56	ng	97

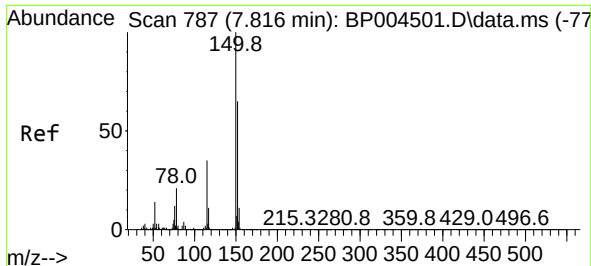
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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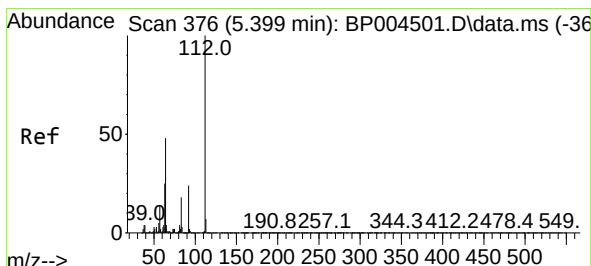
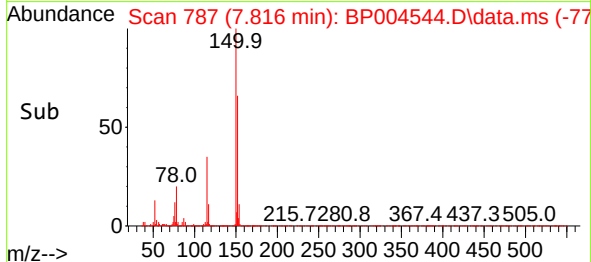
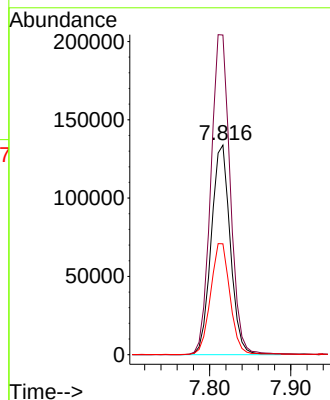
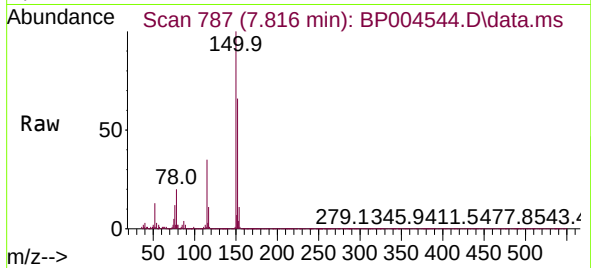




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

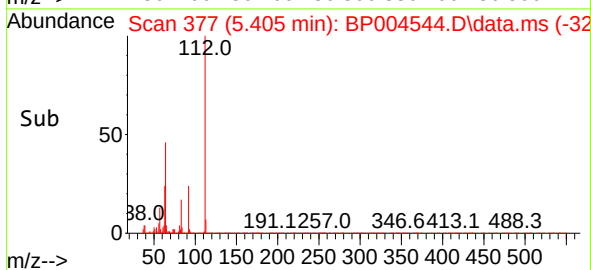
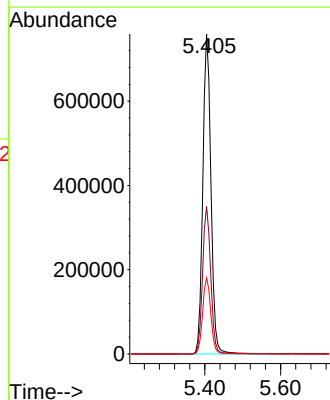
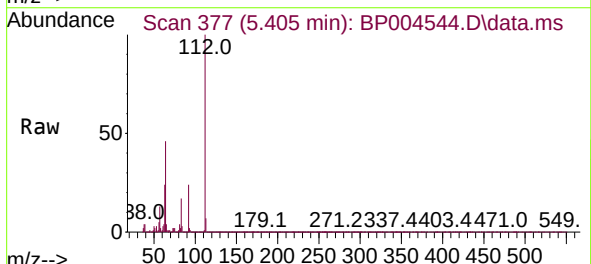
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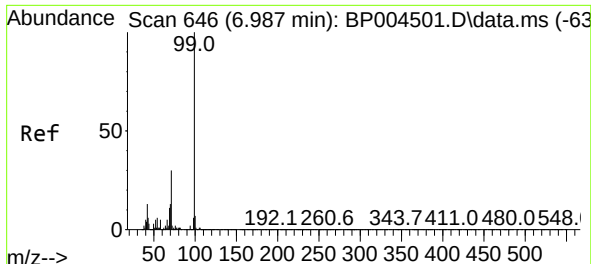
Tgt Ion:152 Resp: 218178
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 52.9 43.8 65.6



#5
2-Fluorophenol
Concen: 90.79 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:112 Resp: 1136543
Ion Ratio Lower Upper
112 100
64 46.1 32.8 49.2
63 23.8 17.0 25.4

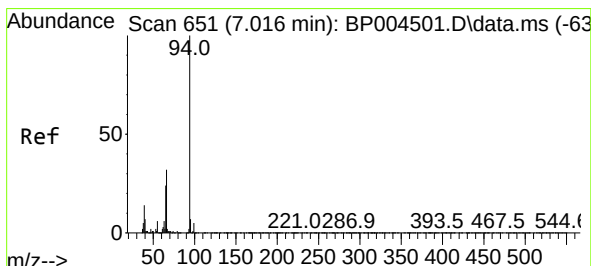
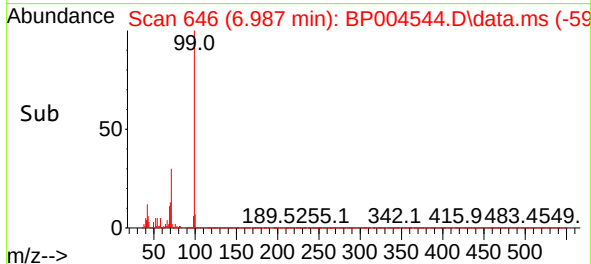
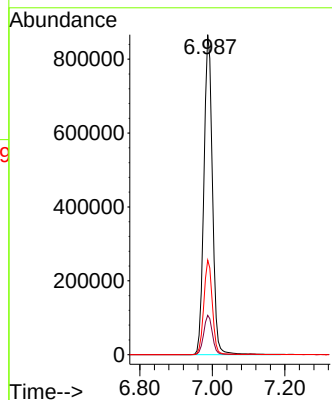
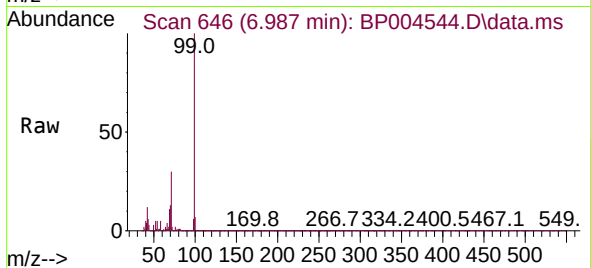




#7
Phenol-d6
Concen: 82.60 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

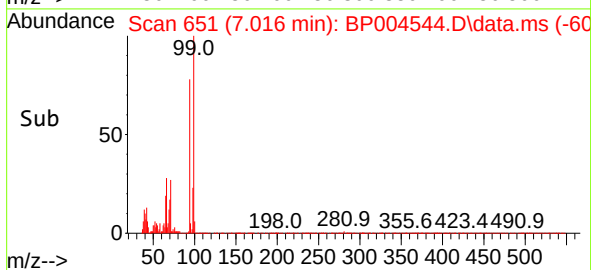
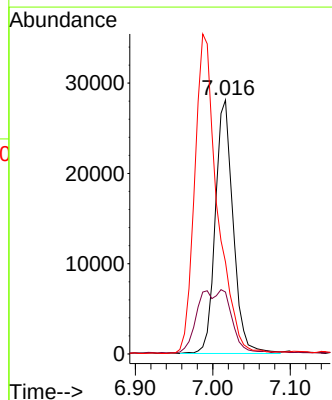
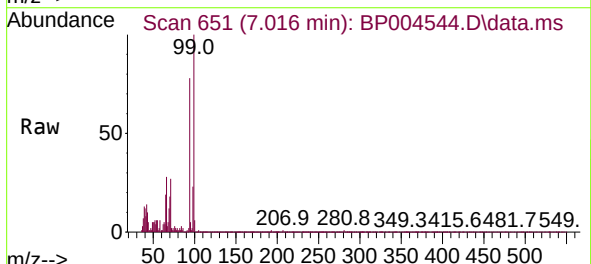
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

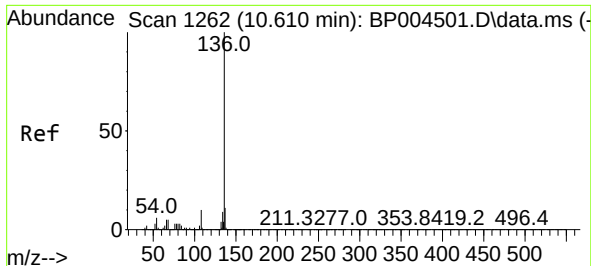
Tgt Ion: 99 Resp: 1416125
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 29.6 23.4 35.2



#10
Phenol
Concen: 2.74 ng
RT: 7.016 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion: 94 Resp: 44983
Ion Ratio Lower Upper
94 100
65 24.4 2.3 42.3
66 36.3 10.9 50.9

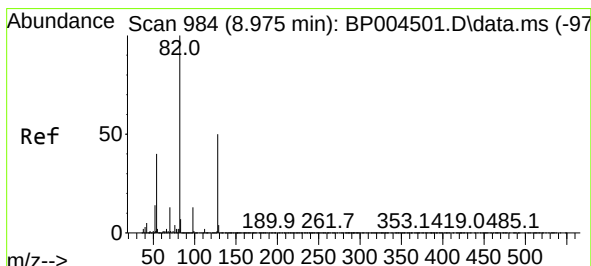
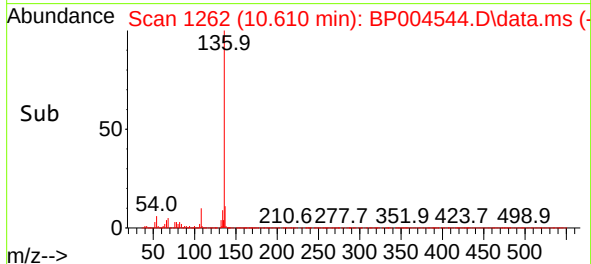
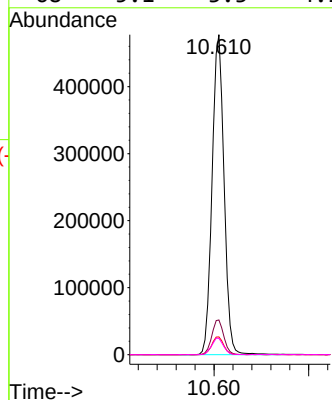
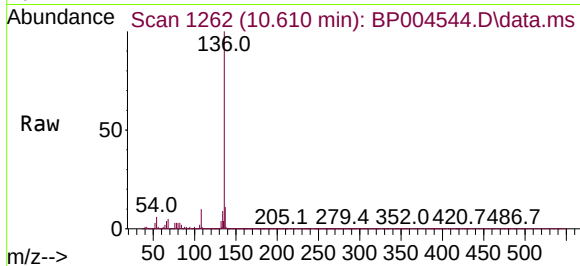




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

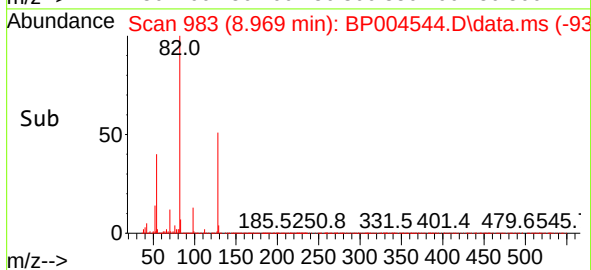
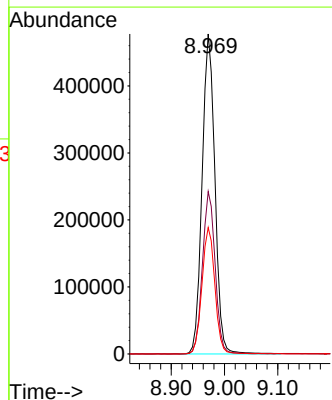
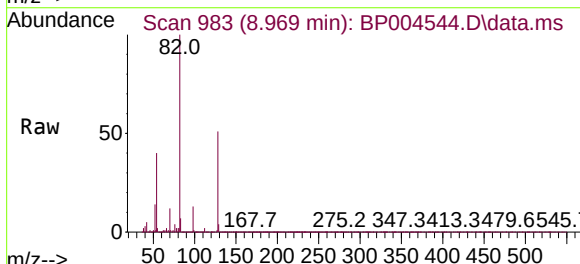
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

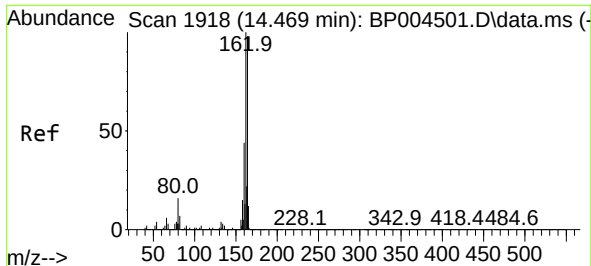
Tgt Ion:	136	Resp:	836414
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.6	3.6	5.4#
68	5.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 53.87 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:	82	Resp:	797004
Ion	Ratio	Lower	Upper
82	100		
128	50.8	45.6	68.4
54	39.5	30.1	45.1

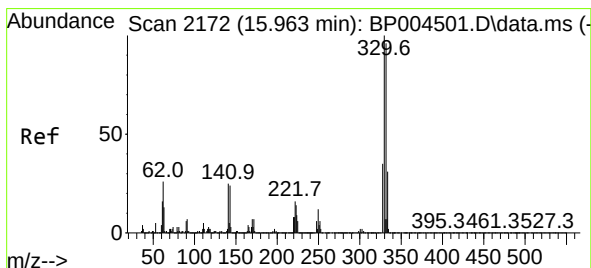
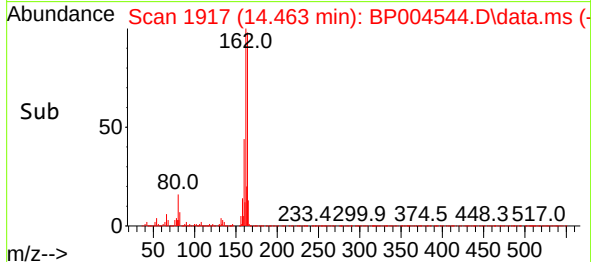
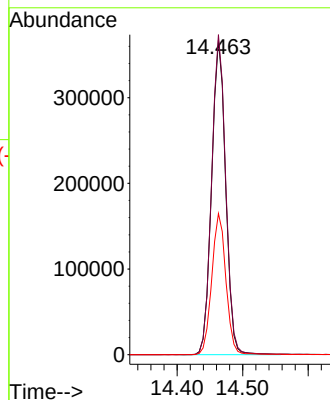
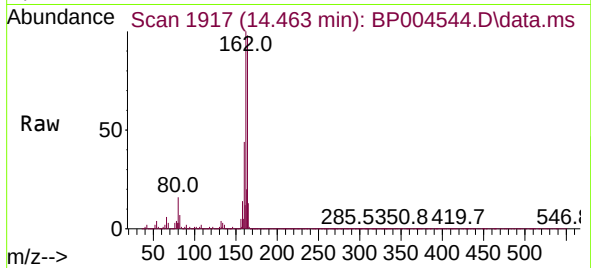




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

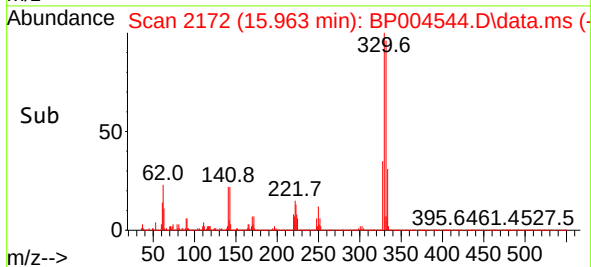
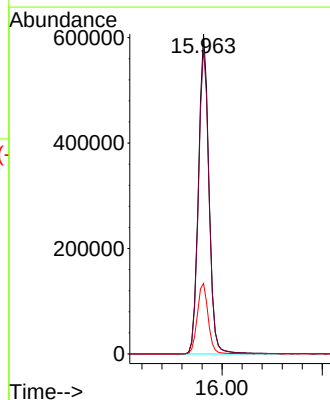
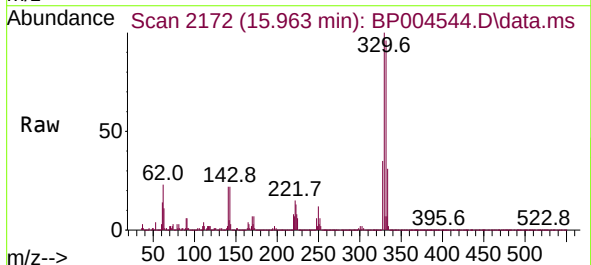
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ClientSampleId :
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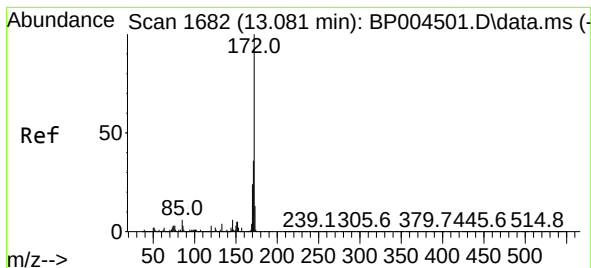
Tgt Ion:164 Resp: 546440
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.49 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:330 Resp: 878733
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 22.8 23.4 35.2#

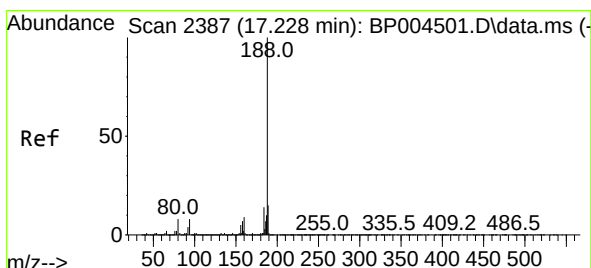
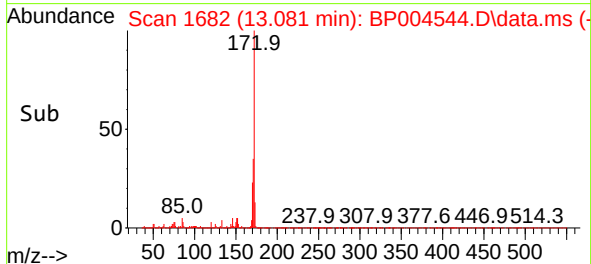
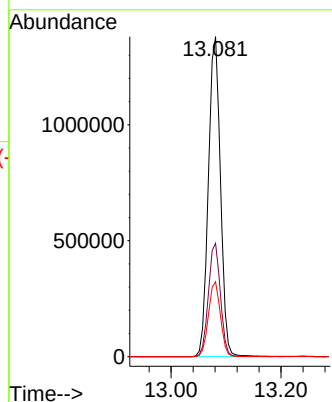
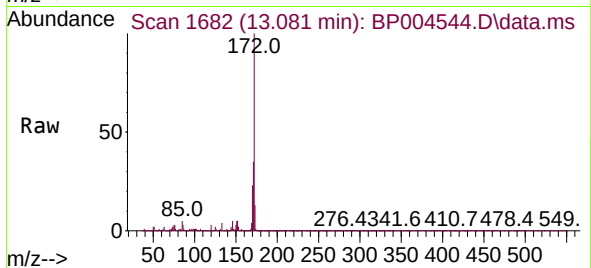




#45
2-Fluorobiphenyl
Concen: 49.98 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

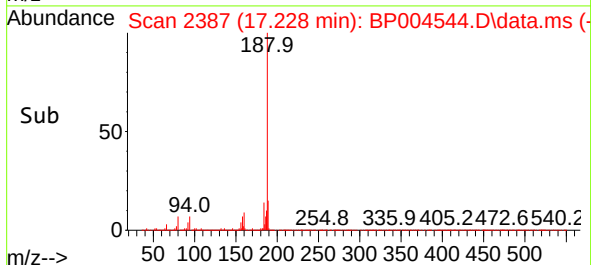
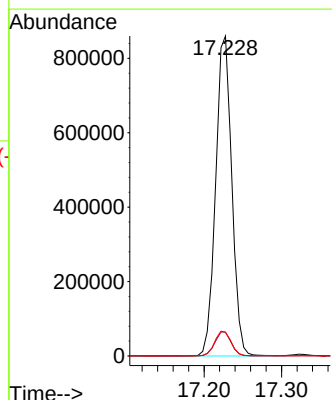
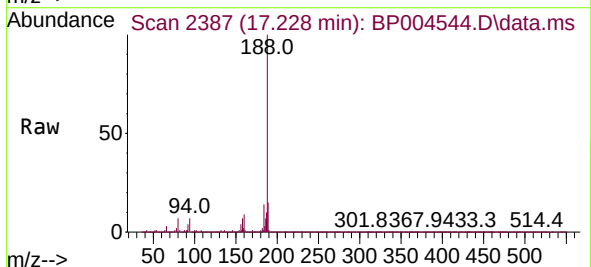
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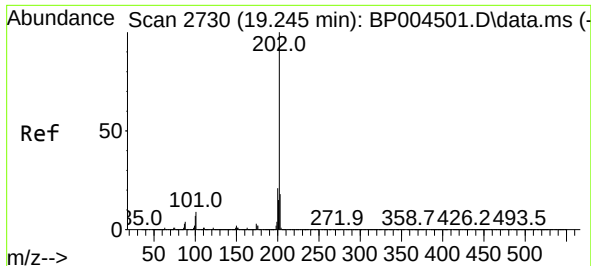
Tgt Ion:172 Resp: 2101023
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:188 Resp: 1241347
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.2
80 7.4 6.2 9.2

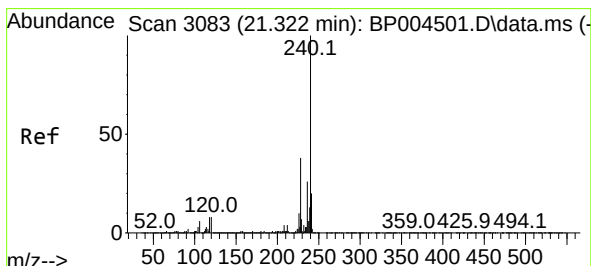
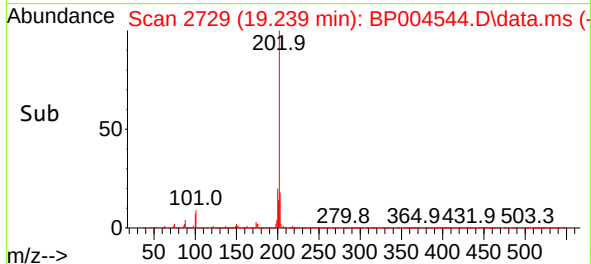
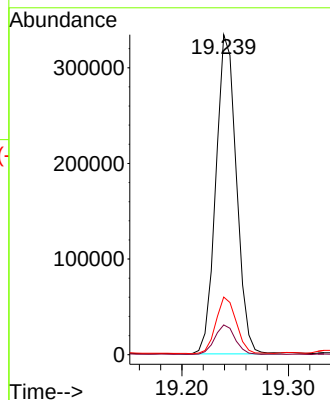
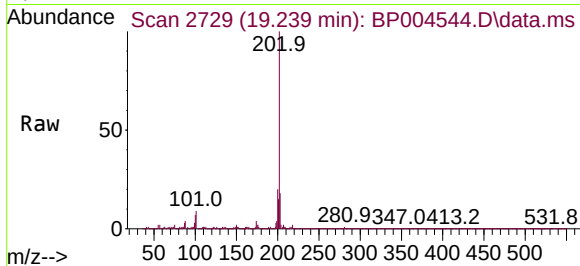




#75
Fluoranthene
Concen: 5.16 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

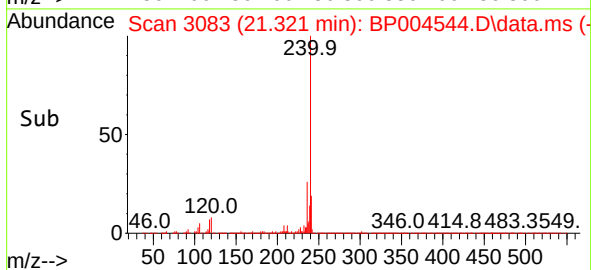
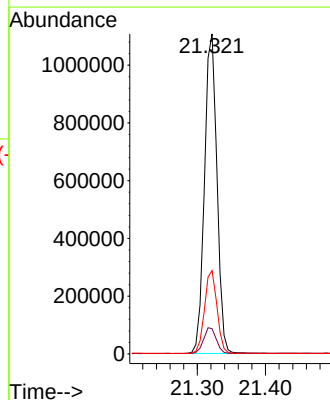
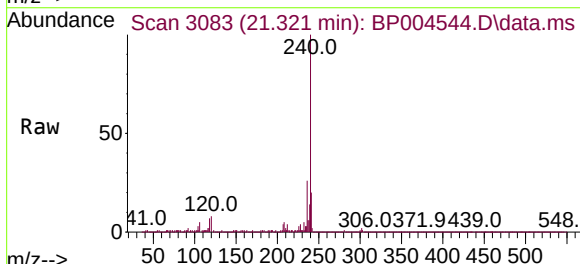
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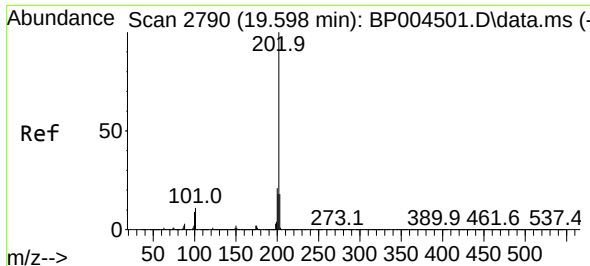
Tgt Ion:	202	Resp:	446567
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:	240	Resp:	1405762
Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.8	11.6
236	26.0	20.8	31.2

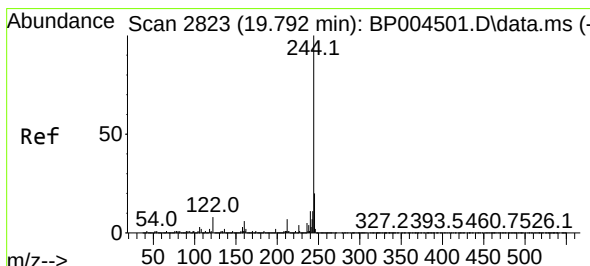
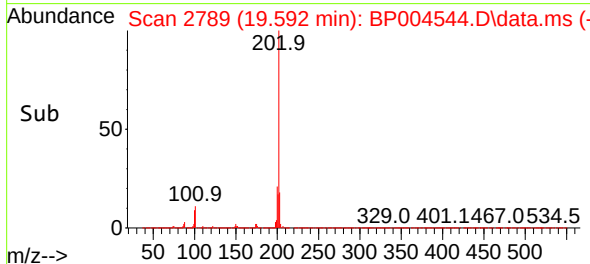
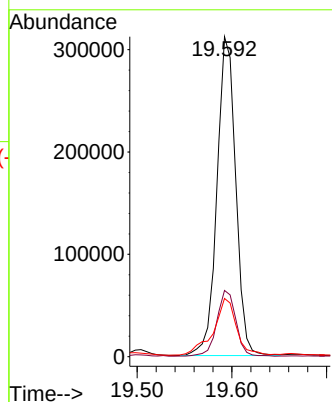
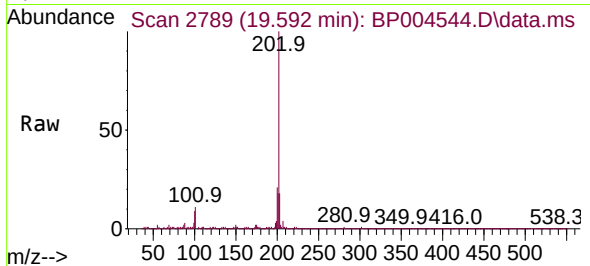




#78
Pyrene
Concen: 4.48 ng
RT: 19.592 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

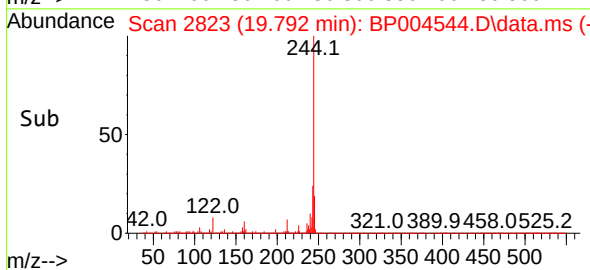
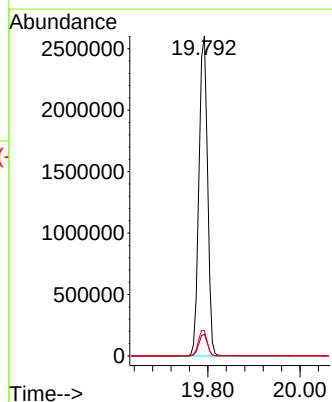
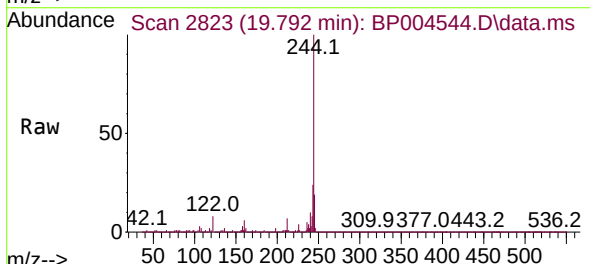
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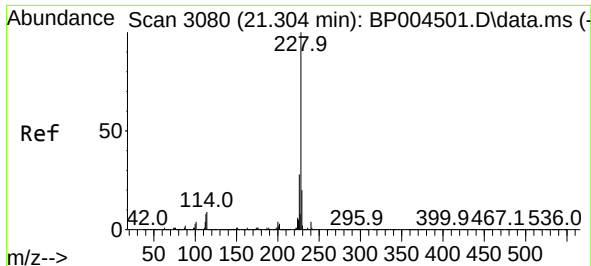
Tgt Ion:202 Resp: 428752
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 18.2 14.2 21.2



#79
Terphenyl-d14
Concen: 43.84 ng
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:244 Resp: 3373048
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 7.9 7.8 11.8

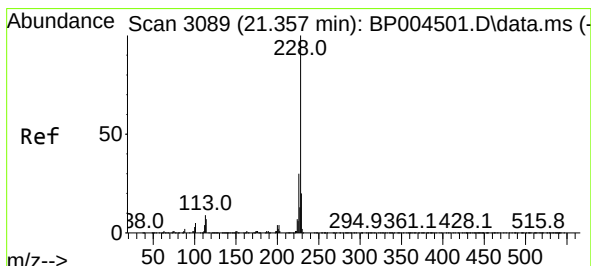
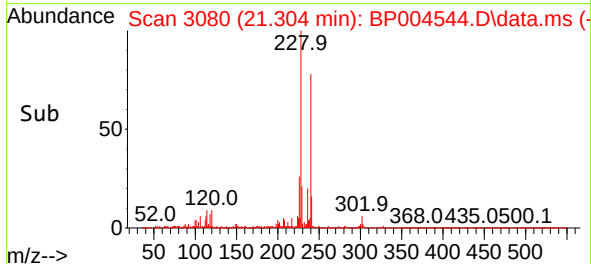
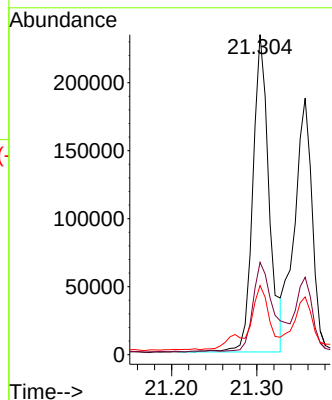
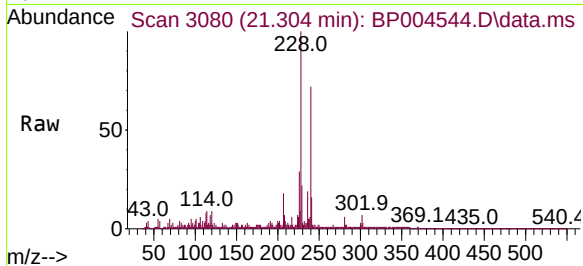




#81
Benzo(a)anthracene
Concen: 3.22 ng
RT: 21.304 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

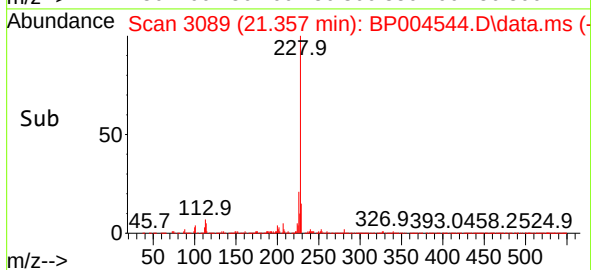
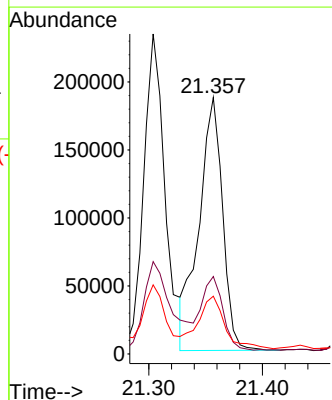
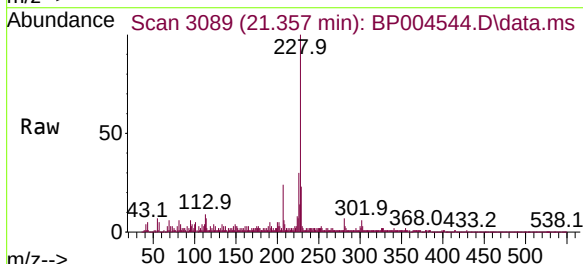
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

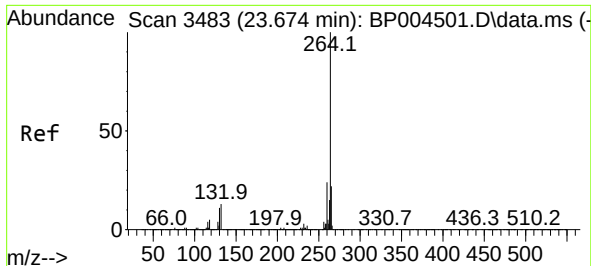
Tgt Ion:228 Resp: 307951
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 21.6 15.9 23.9



#83
Chrysene
Concen: 2.96 ng
RT: 21.357 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:228 Resp: 269539
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.5 15.8 23.6

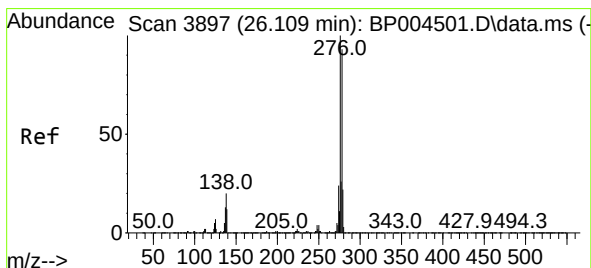
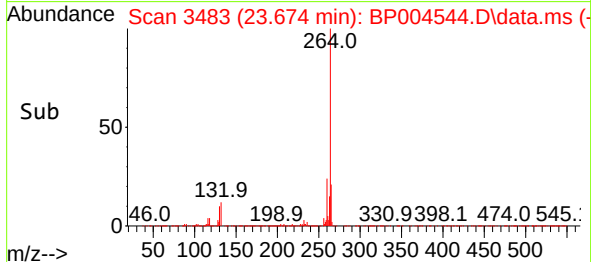
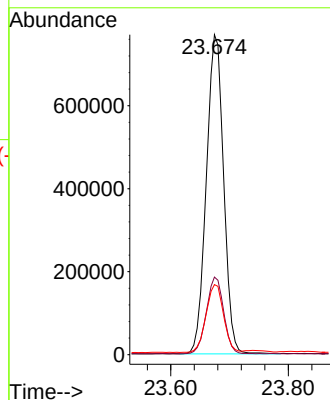
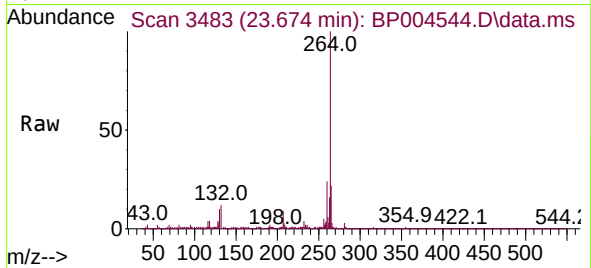




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

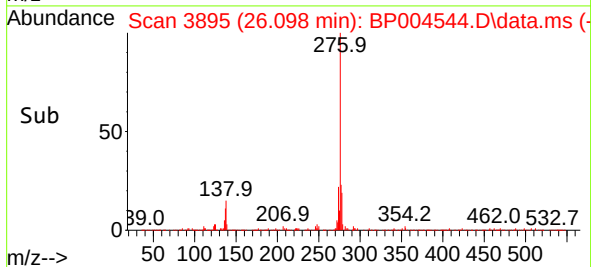
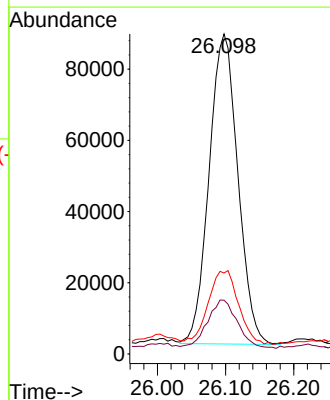
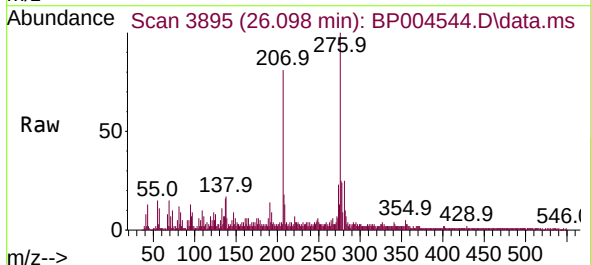
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

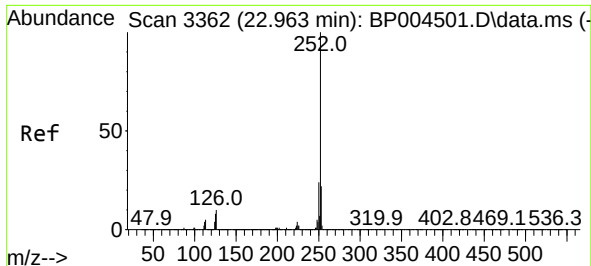
Tgt Ion:264 Resp: 1572142
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.9 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 26.098 min Scan# 3895
Delta R.T. -0.012 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:276 Resp: 255852
Ion Ratio Lower Upper
276 100
138 16.4 18.7 28.1#
277 25.2 20.4 30.6

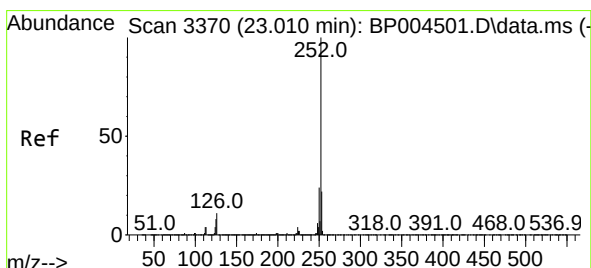
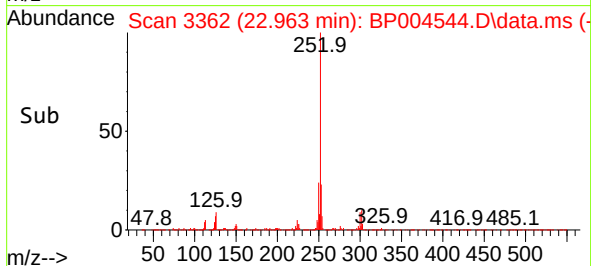
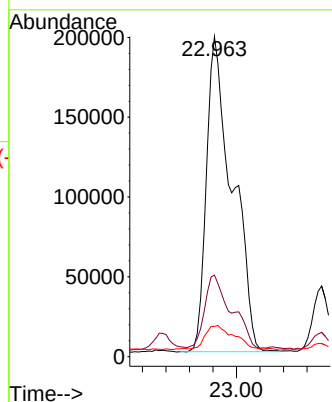
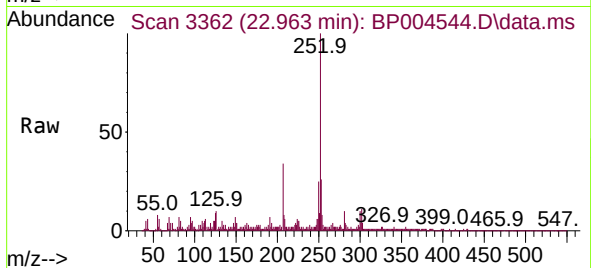




#88
Benzo(b)fluoranthene
Concen: 5.93 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

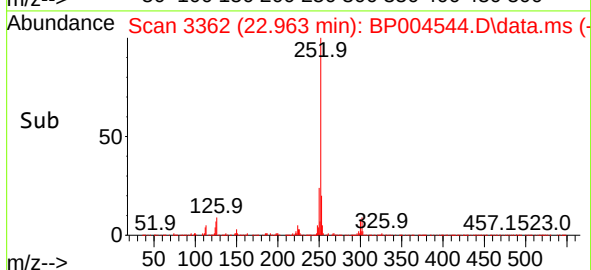
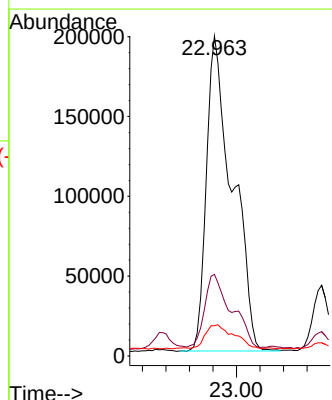
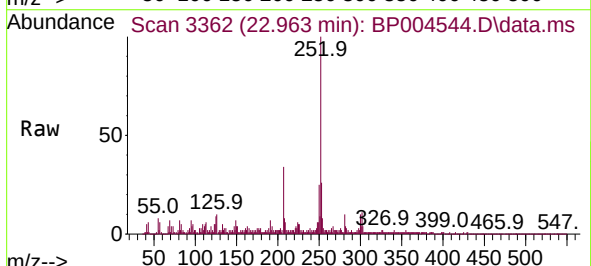
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

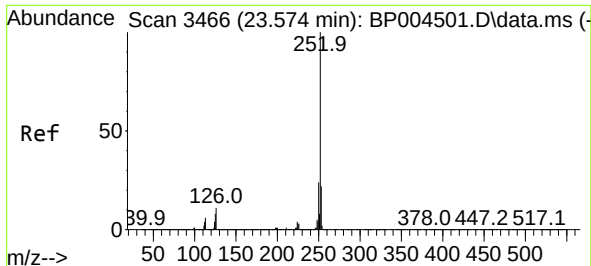
Tgt Ion:252 Resp: 603489
Ion Ratio Lower Upper
252 100
253 25.5 17.6 26.4
125 9.4 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 6.22 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:252 Resp: 603489
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 9.4 7.4 11.2

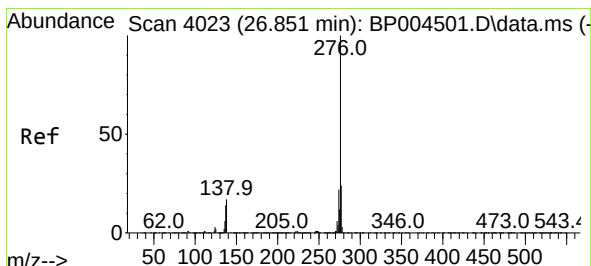
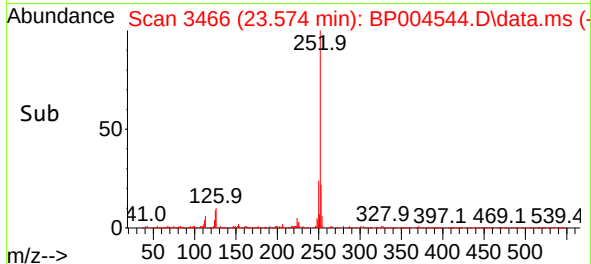
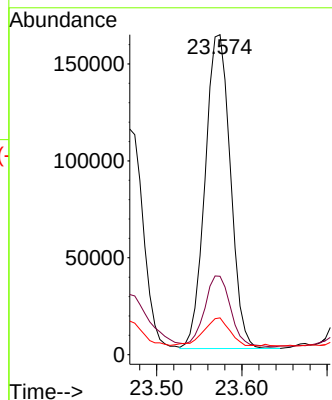
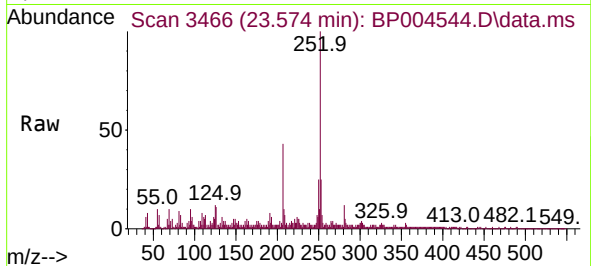




#90
Benzo(a)pyrene
Concen: 3.52 ng
RT: 23.574 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-A

Tgt Ion:252 Resp: 333677
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 11.5 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 26.845 min Scan# 4022
Delta R.T. -0.006 min
Lab File: BP004544.D
Acq: 13 Jan 2021 18:55

Tgt Ion:276 Resp: 252742
Ion Ratio Lower Upper
276 100
277 26.0 19.0 28.6
138 21.2 16.6 24.8

