

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
 Data File : BP003926.D
 Acq On : 11 Nov 2020 18:14
 Operator : CG/JU
 Sample : PB132948TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132948TB

Quant Time: Nov 12 00:24:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

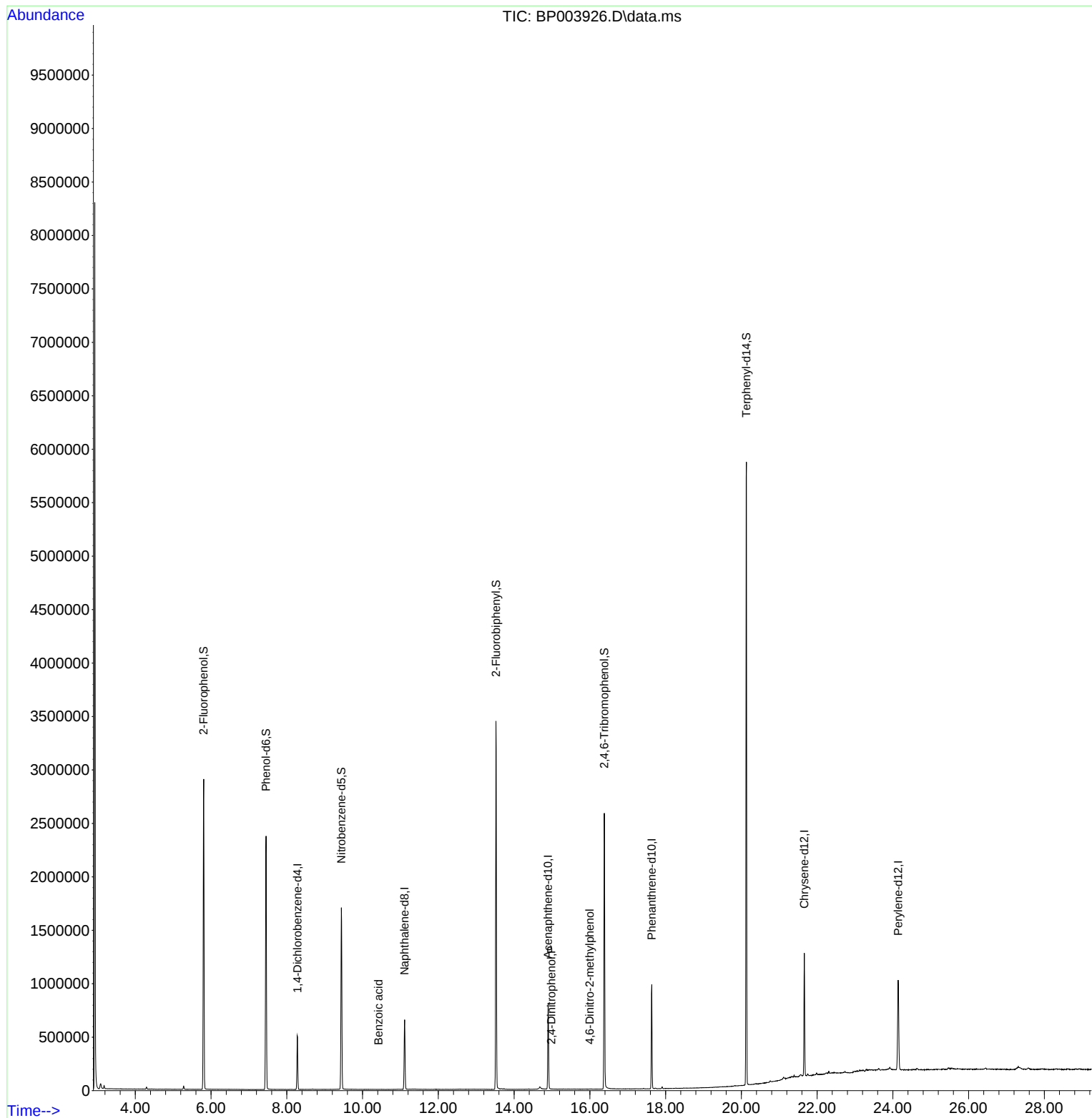
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	132110	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	508063	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	276826	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	584944	20.00	ng	0.00
76) Chrysene-d12	21.662	240	566099	20.00	ng	0.00
86) Perylene-d12	24.139	264	648103	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	1140983	144.14	ng	0.00
7) Phenol-d6	7.451	99	1279233	112.58	ng	0.00
23) Nitrobenzene-d5	9.440	82	932251	89.87	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	488073	140.96	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1742834	88.02	ng	0.00
79) Terphenyl-d14	20.133	244	2507060	85.56	ng	0.00
Target Compounds						
9) Benzaldehyde	7.451	77	2332	Below Cal	#	Qvalue 1
32) Benzoic acid	10.422	122	63	8.32	ng	# 38
54) 2,4-Dinitrophenol	14.980	184	41	2.76	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.998	198	8	6.34	ng	# 1

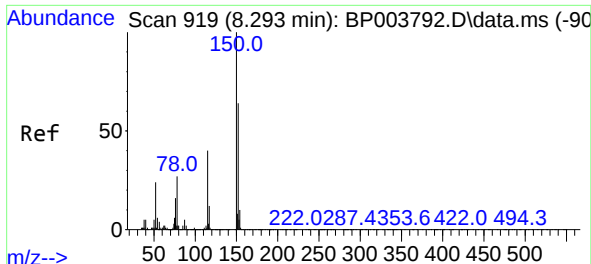
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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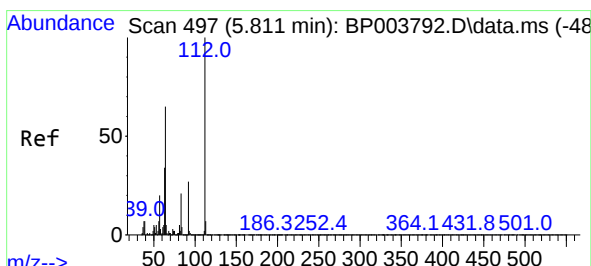
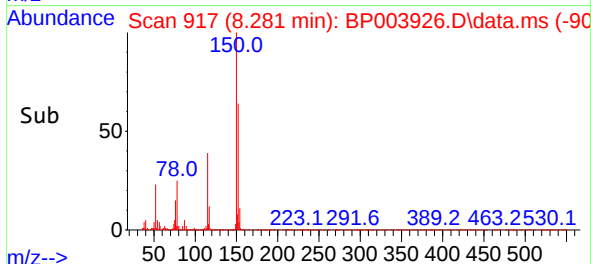
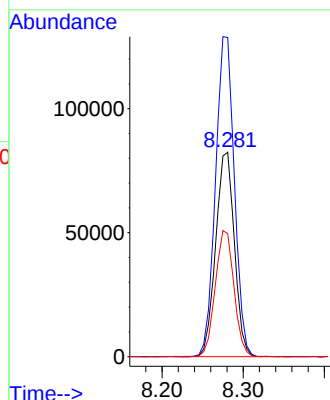
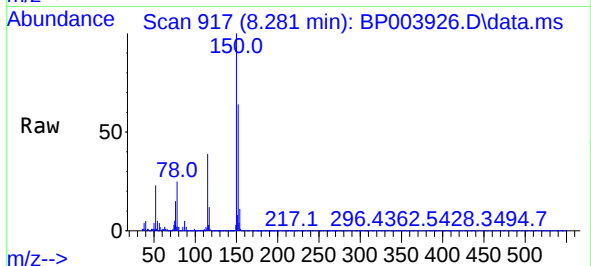




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

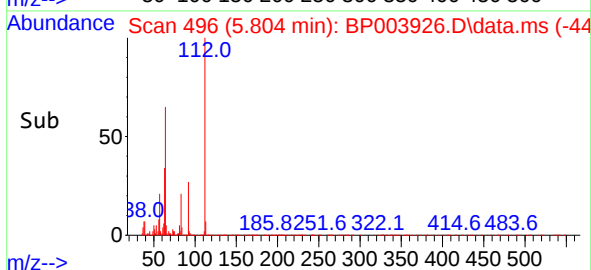
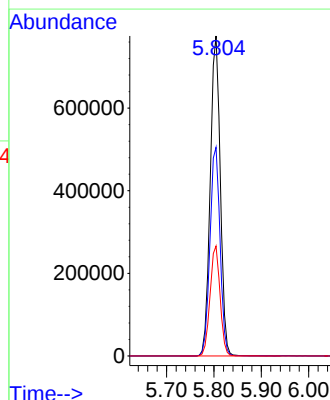
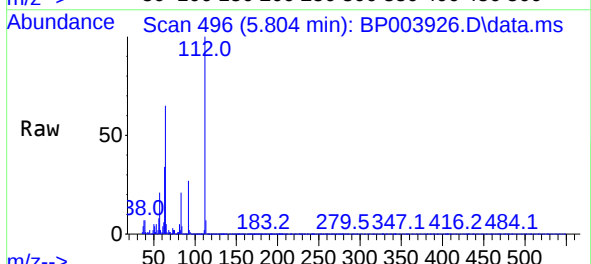
Instrument :
BNA_P
ClientSampleId :
PB132948TB

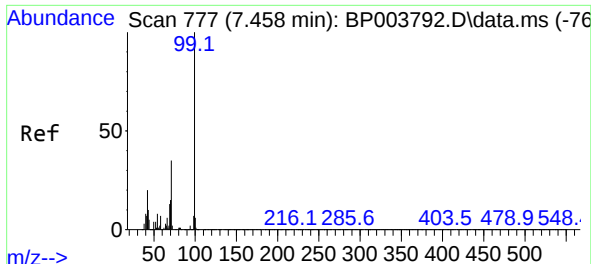
Tgt Ion:152 Resp: 132110
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 144.14 ng
RT: 5.804 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion:112 Resp: 1140983
Ion Ratio Lower Upper
112 100
64 65.2 32.8 49.2#
63 34.4 17.0 25.4#

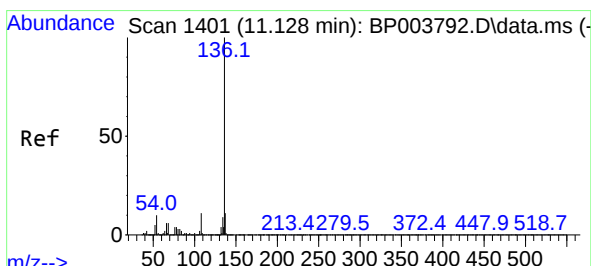
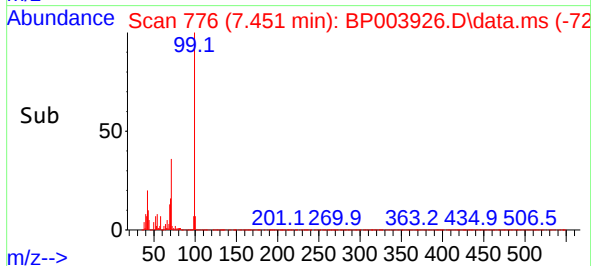
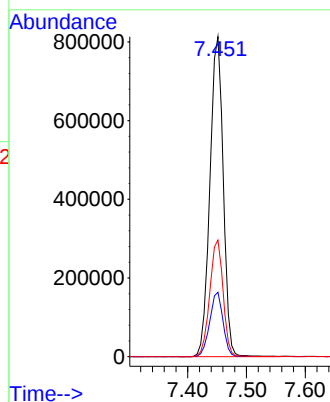
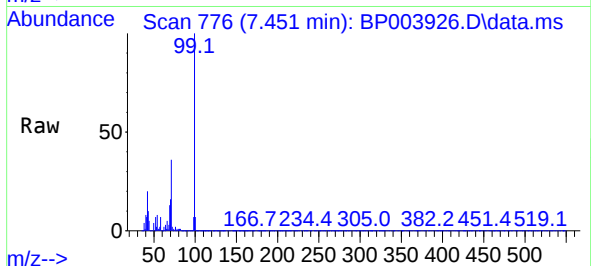




#7
Phenol-d6
Concen: 112.58 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

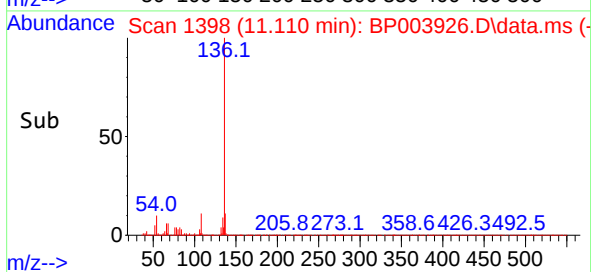
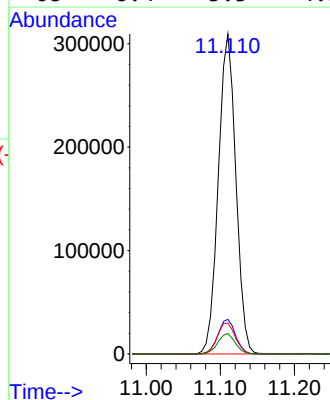
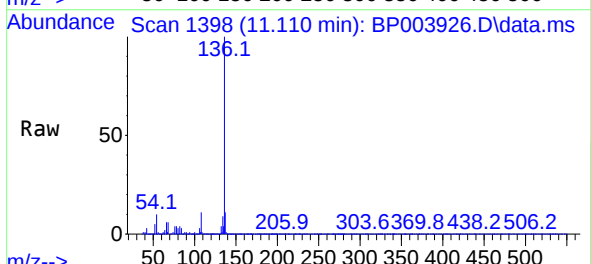
Instrument :
BNA_P
ClientSampleId :
PB132948TB

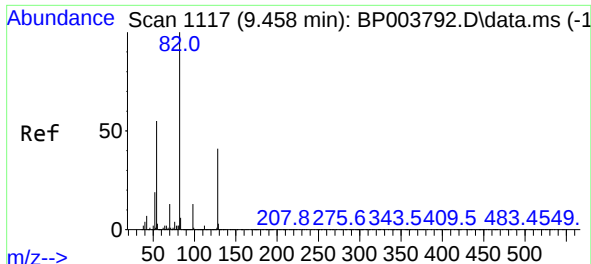
Tgt Ion: 99 Resp: 1279233
Ion Ratio Lower Upper
99 100
42 20.2 8.6 13.0#
71 36.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion: 136 Resp: 508063
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 3.6 5.4#
68 6.4 3.3 4.9#

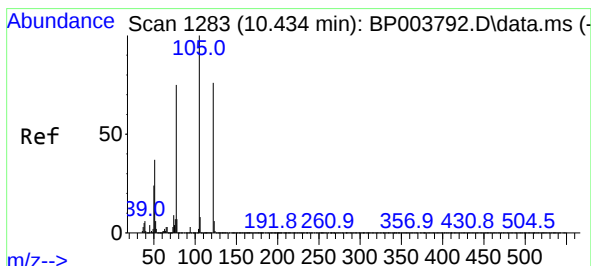
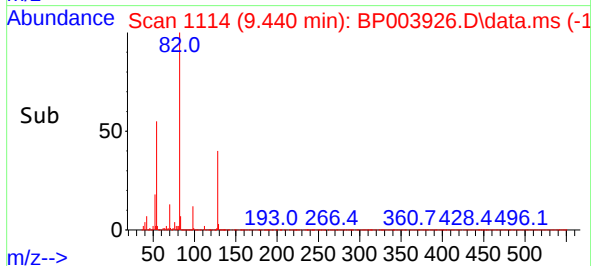
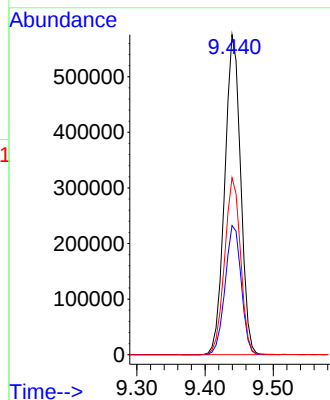
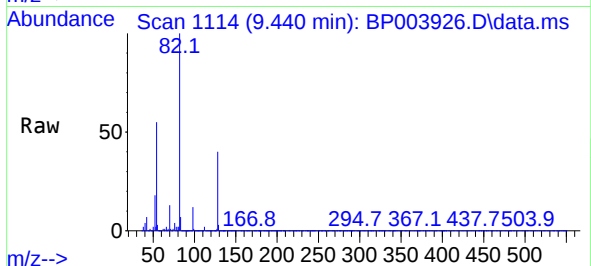




#23
Nitrobenzene-d5
Concen: 89.87 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

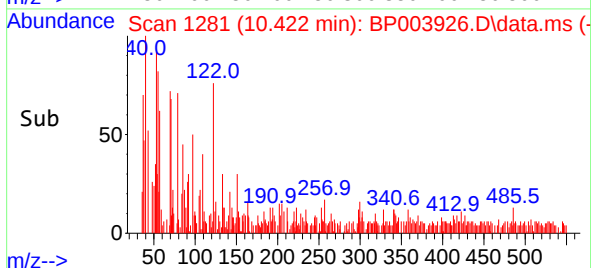
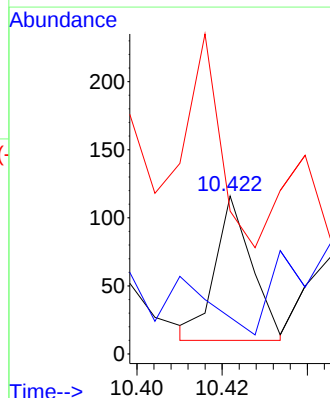
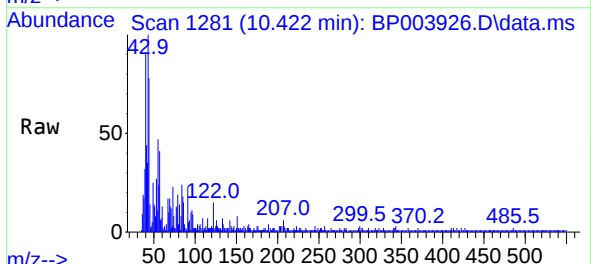
Instrument :
BNA_P
ClientSampleId :
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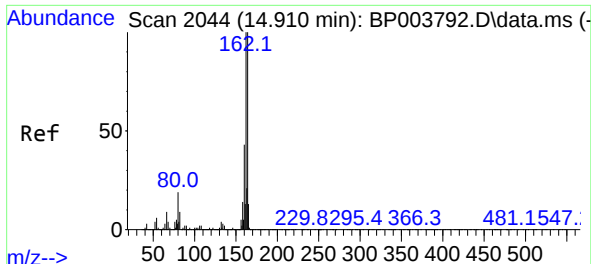
Tgt Ion: 82 Resp: 932251
Ion Ratio Lower Upper
82 100
128 40.3 45.6 68.4#
54 55.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion: 122 Resp: 63
Ion Ratio Lower Upper
122 100
105 23.3 94.1 134.1#
77 90.5 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.898 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP003926.D

Acq: 11 Nov 2020 18:14

Instrument :

BNA_P

ClientSampleId :

PB132948TB

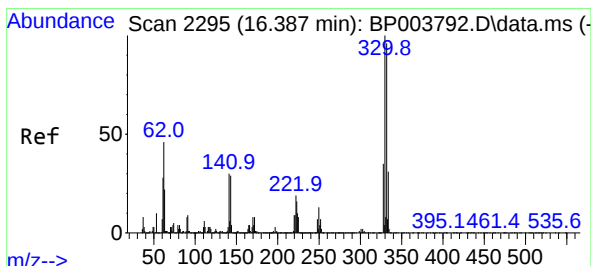
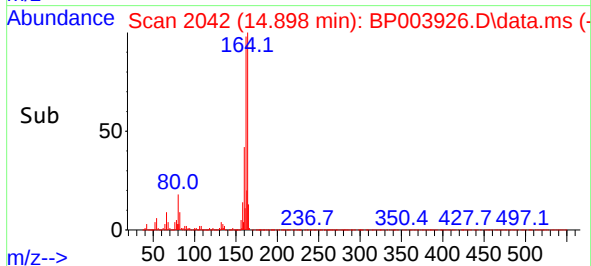
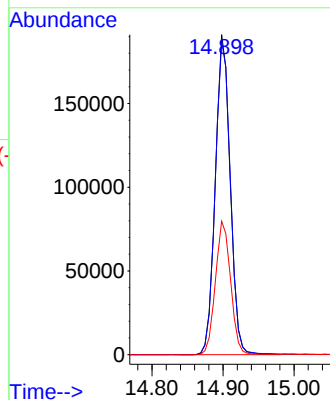
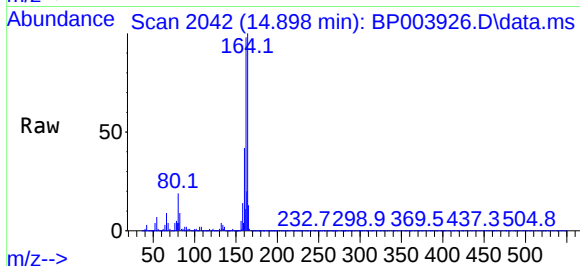
Tgt Ion:164 Resp: 276826

Ion Ratio Lower Upper

164 100

162 97.9 79.4 119.2

160 41.7 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 140.96 ng

RT: 16.380 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BP003926.D

Acq: 11 Nov 2020 18:14

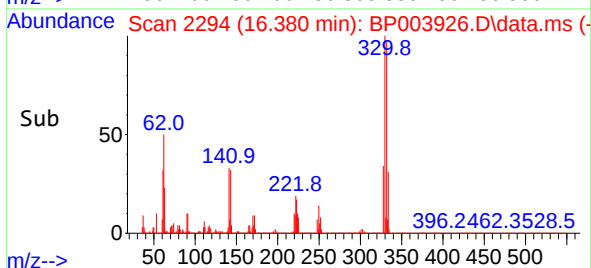
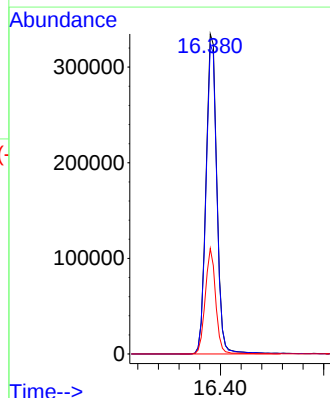
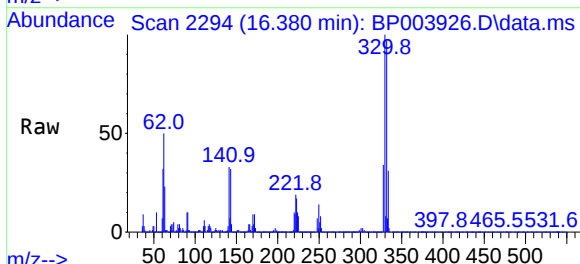
Tgt Ion:330 Resp: 488073

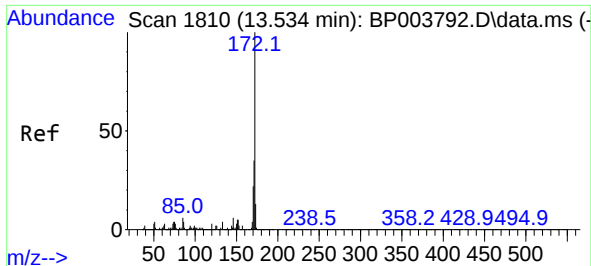
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 31.9 23.4 35.2

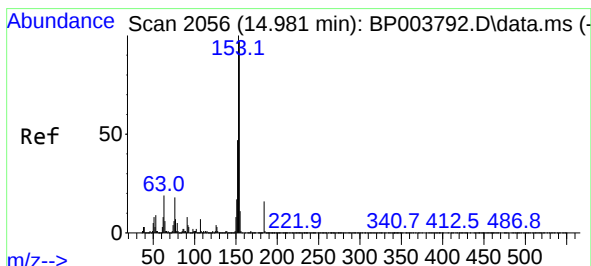
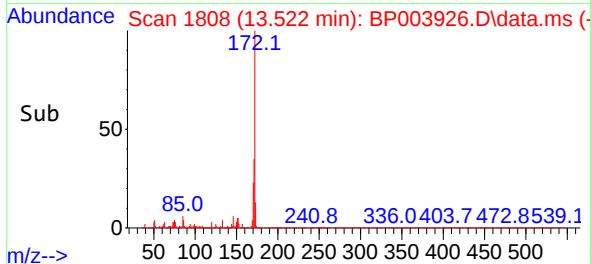
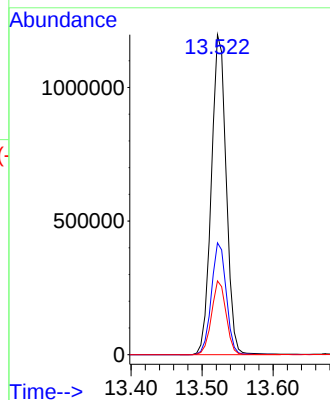
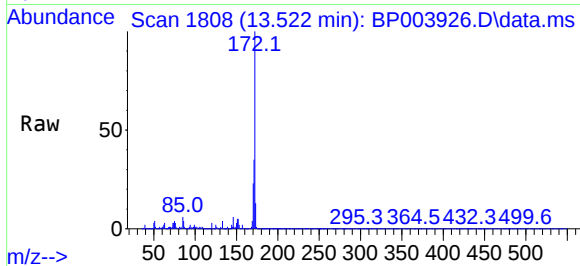




#45
2-Fluorobiphenyl
Concen: 88.02 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

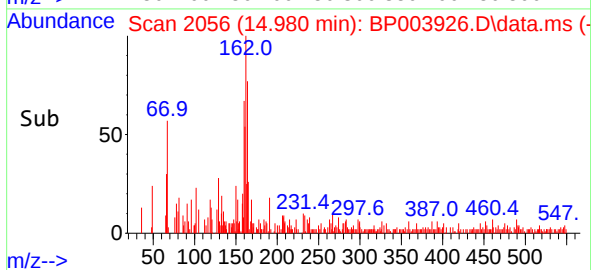
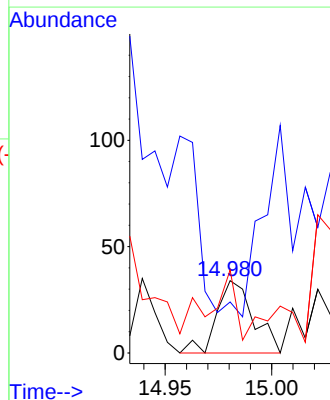
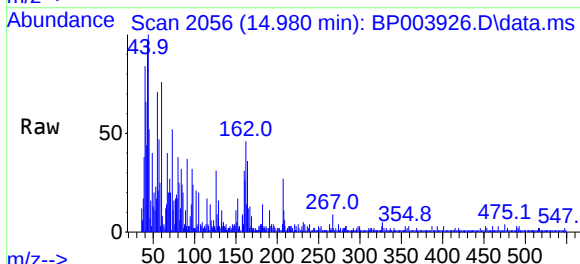
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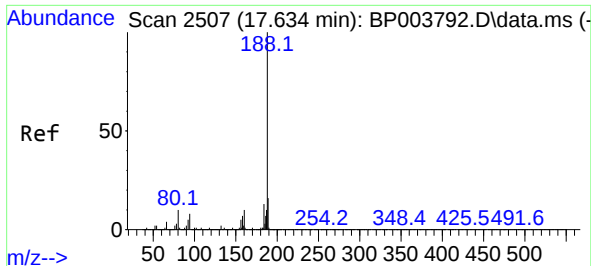
Tgt Ion:172 Resp: 1742834
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.980 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 70.6 32.3 48.5#
154 114.7 49.1 73.7#

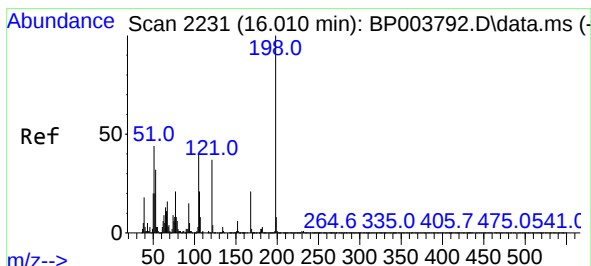
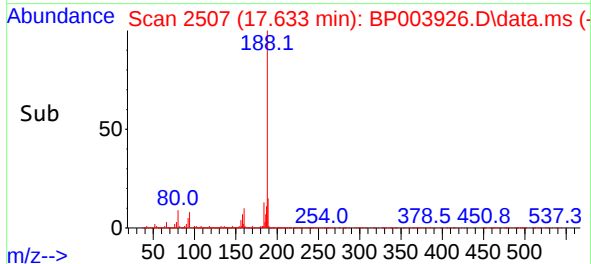
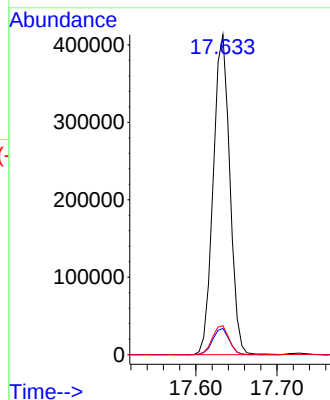
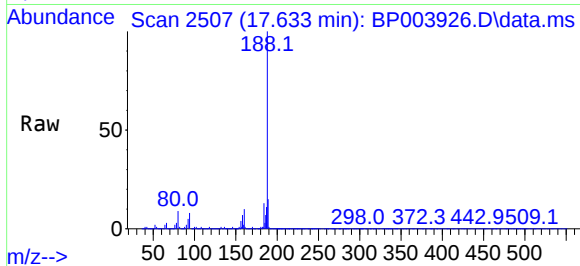




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

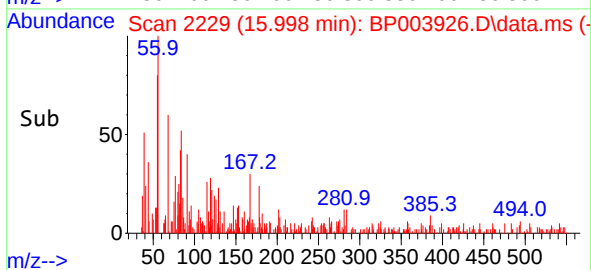
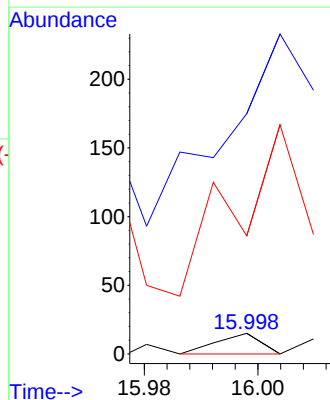
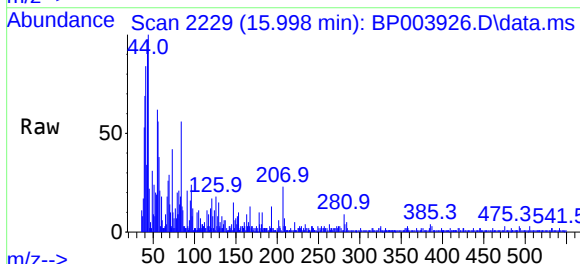
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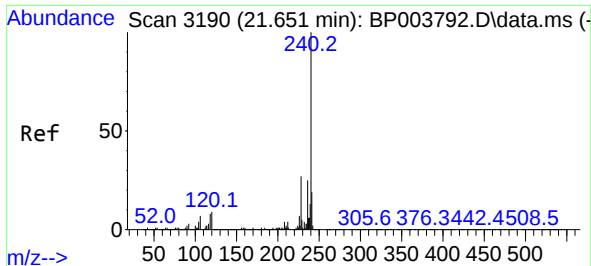
Tgt Ion:188	Resp:	584944
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.2 9.2
80	9.1	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion:198	Resp:	8
Ion Ratio	Lower	Upper
198	100	
51	1166.7	6.4 46.4#
105	573.3	18.9 58.9#

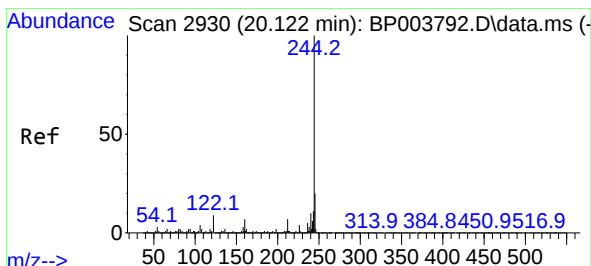
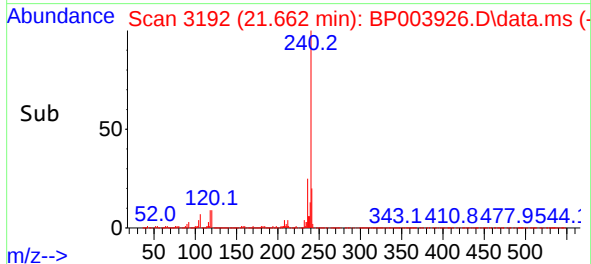
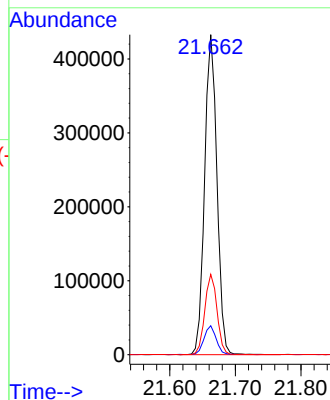
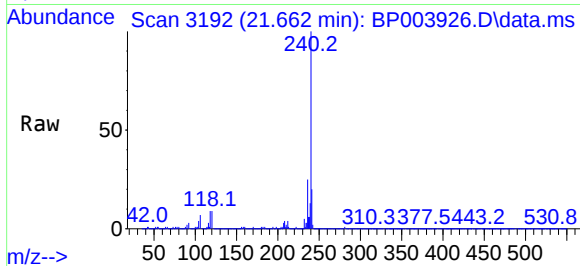




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

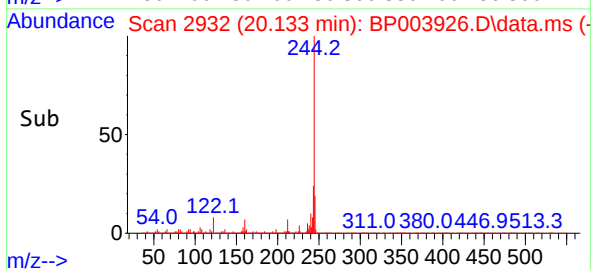
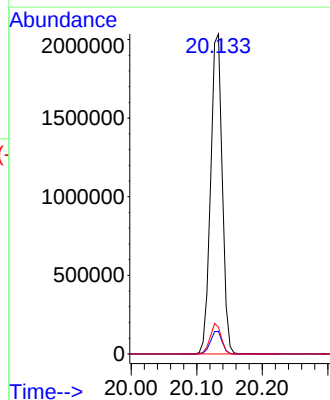
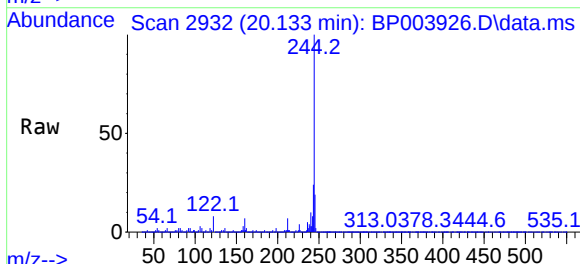
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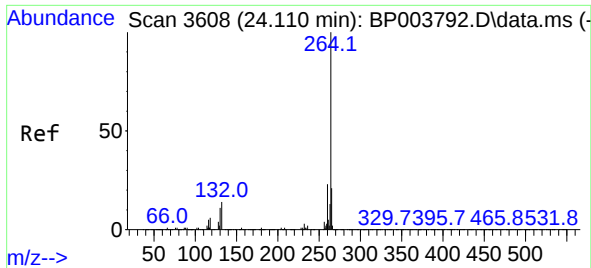
Tgt Ion:	240	Resp:	566099
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.8	11.6
236	25.1	20.8	31.2



#79
Terphenyl-d14
Concen: 85.56 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.006 min
Lab File: BP003926.D
Acq: 11 Nov 2020 18:14

Tgt Ion:	244	Resp:	2507060
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.6
122	8.4	7.8	11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.139 min Scan# 3613
 Delta R.T. 0.011 min
 Lab File: BP003926.D
 Acq: 11 Nov 2020 18:14

Instrument :
 BNA_P
 ClientSampleId :
 PB132948TB

Tgt Ion:264 Resp: 648103
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.3 17.4 26.2

