

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
 Data File : BP004143.D
 Acq On : 03 Dec 2020 23:07
 Operator : CG/JU
 Sample : L4917-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-12220

Quant Time: Dec 04 00:15:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

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

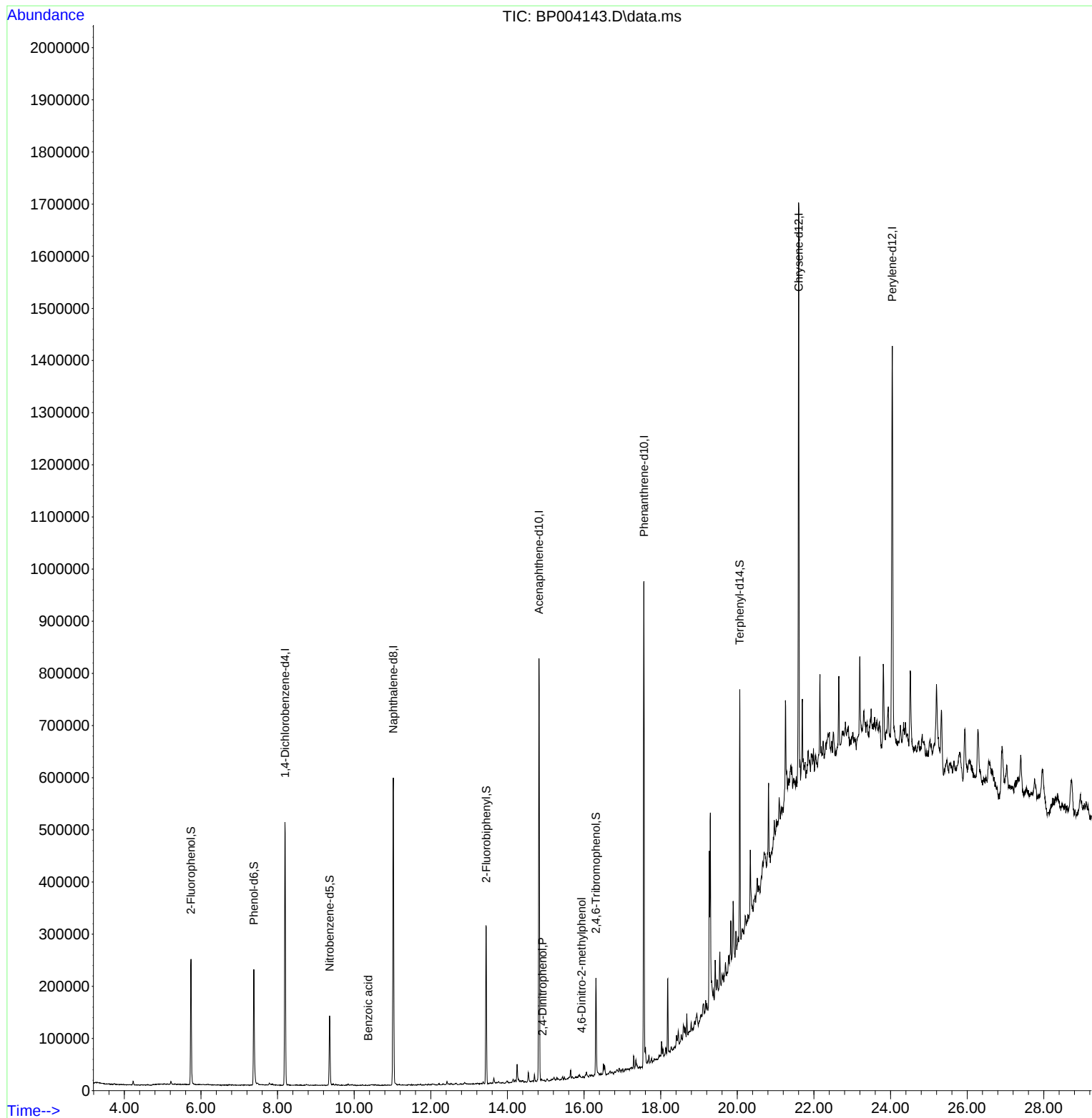
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	135470	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	469664	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	268229	20.00	ng	0.00
64) Phenanthrene-d10	17.563	188	560321	20.00	ng	# 0.00
76) Chrysene-d12	21.604	240	547369	20.00	ng	0.00
86) Perylene-d12	24.045	264	581988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	105326	12.98	ng	0.00
7) Phenol-d6	7.381	99	125354	10.76	ng	0.00
23) Nitrobenzene-d5	9.357	82	75027	7.82	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	35204	10.49	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	157384	8.20	ng	0.00
79) Terphenyl-d14	20.063	244	200406	7.07	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.305	77	191	Below Cal	#	19
32) Benzoic acid	10.369	122	40	8.31	ng	# 1
54) 2,4-Dinitrophenol	14.916	184	23	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.939	198	26	6.35	ng	# 1

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

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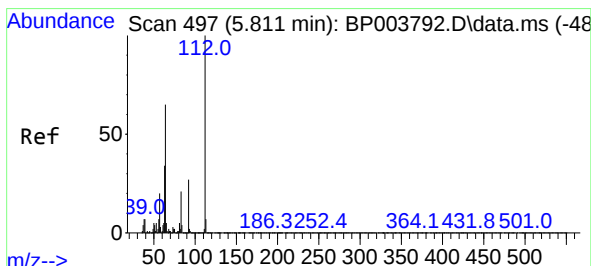
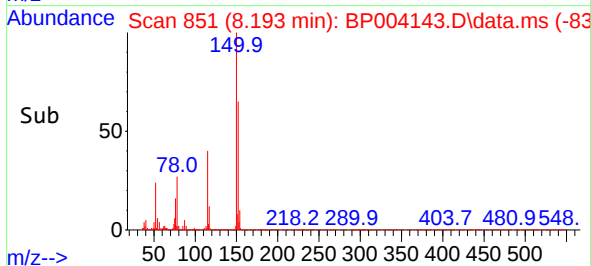
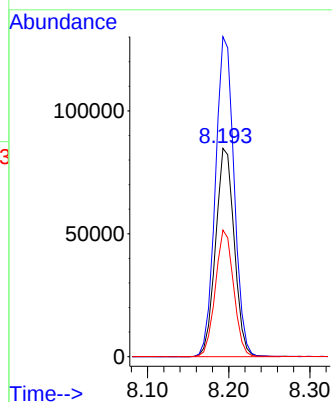
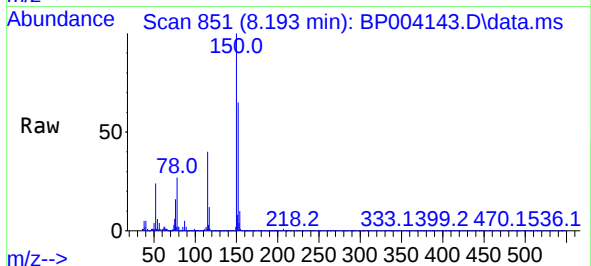




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

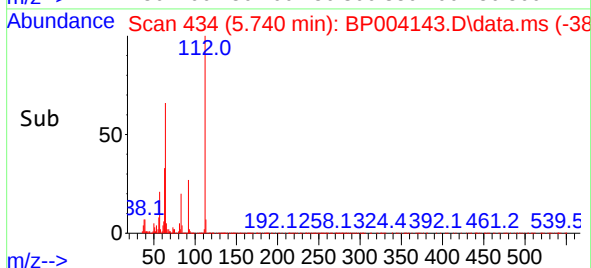
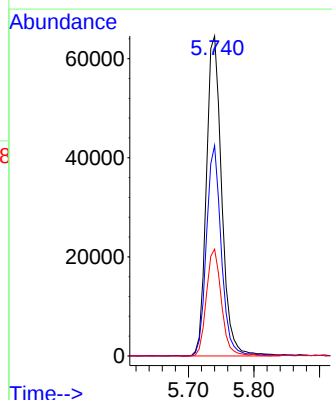
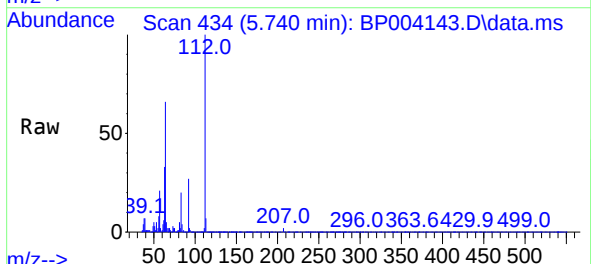
Instrument :
BNA_P
ClientSampleId :
CL-02-12220

Tgt Ion:152 Resp: 135470
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 60.7 43.8 65.6



#5
2-Fluorophenol
Concen: 12.98 ng
RT: 5.740 min Scan# 434
Delta R.T. 0.006 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion:112 Resp: 105326
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 33.4 17.0 25.4#

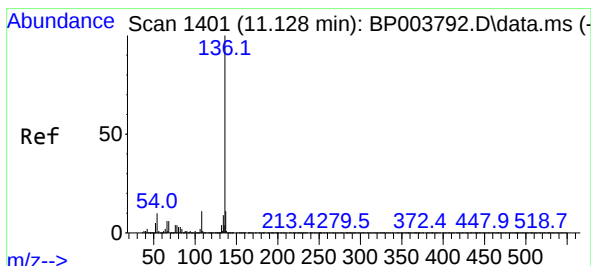
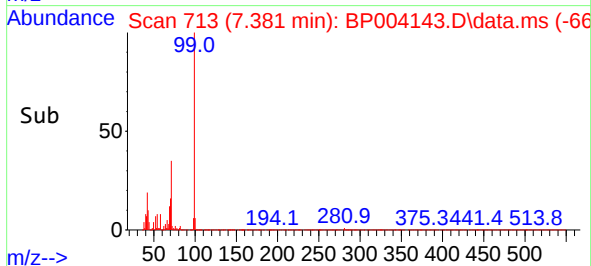
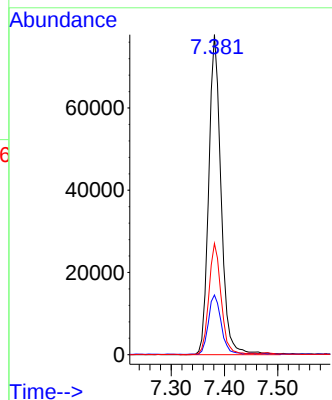
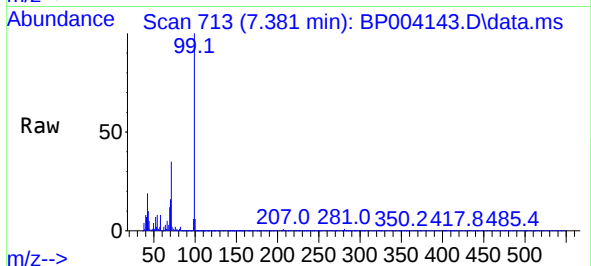




#7
Phenol-d6
Concen: 10.76 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

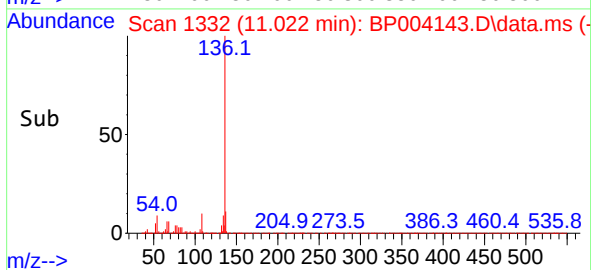
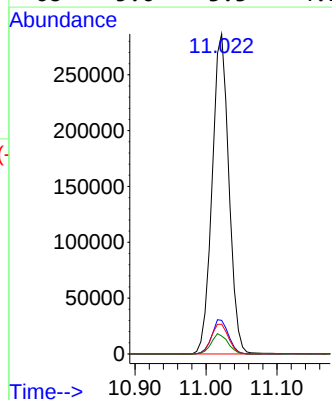
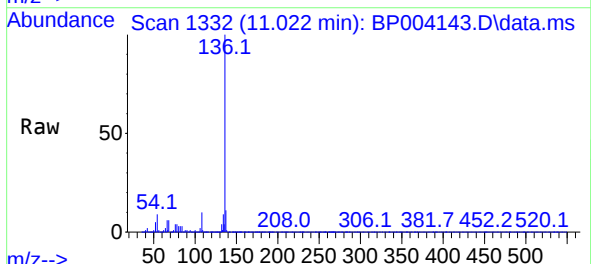
Instrument :
BNA_P
ClientSampleId :
CL-02-12220

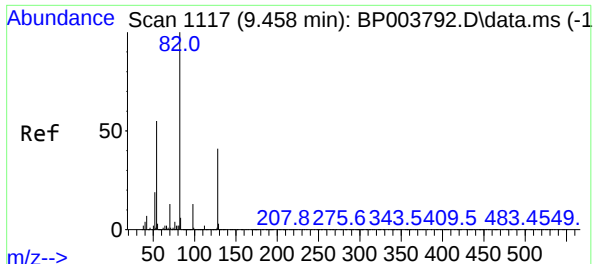
Tgt Ion: 99 Resp: 125354
Ion Ratio Lower Upper
99 100
42 18.7 8.6 13.0#
71 34.8 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion: 136 Resp: 469664
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.3 3.6 5.4#
68 5.6 3.3 4.9#

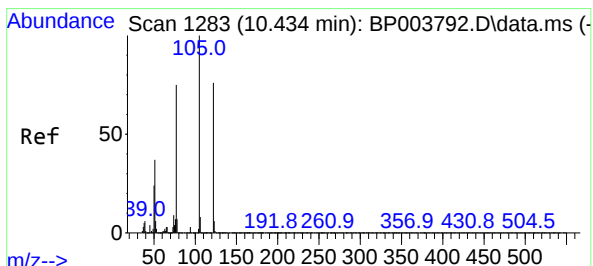
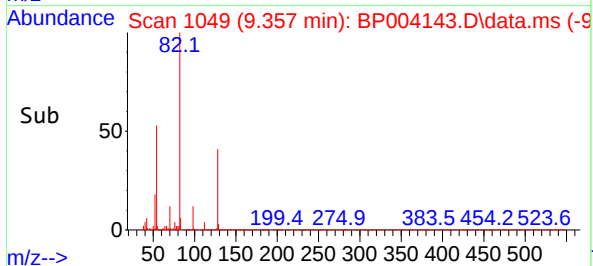
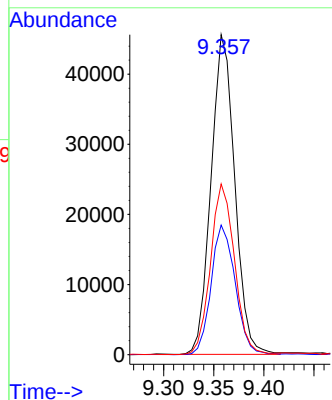
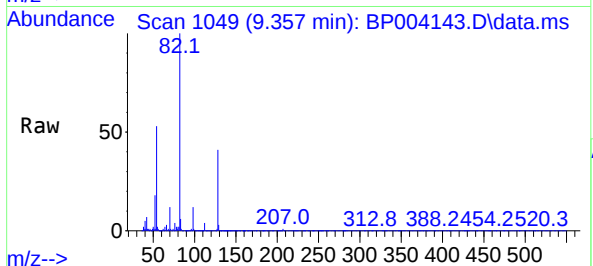




#23
Nitrobenzene-d5
Concen: 7.82 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

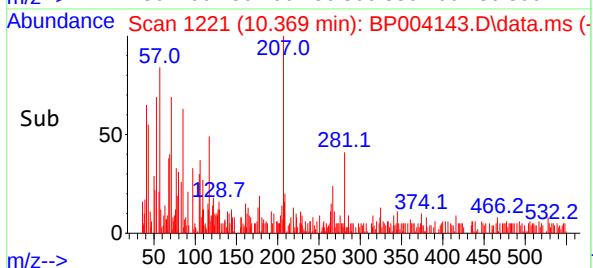
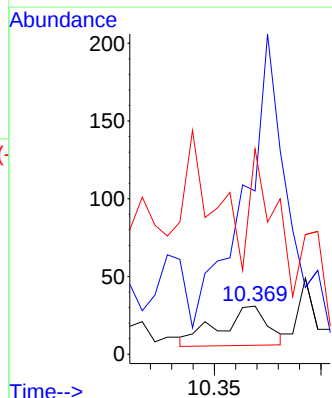
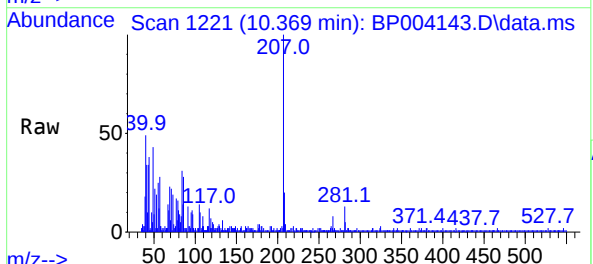
Instrument :
BNA_P
ClientSampleId :
CL-02-12220

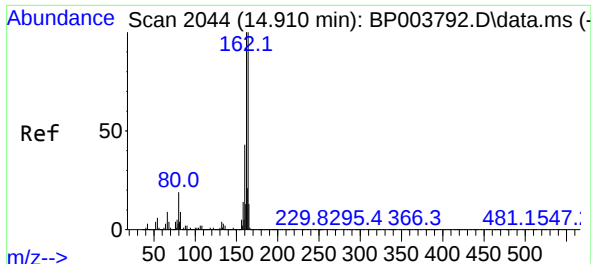
Tgt Ion: 82 Resp: 75027
Ion Ratio Lower Upper
82 100
128 40.5 45.6 68.4#
54 53.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.369 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion: 122 Resp: 40
Ion Ratio Lower Upper
122 100
105 338.7 94.1 134.1#
77 425.8 50.1 90.1#



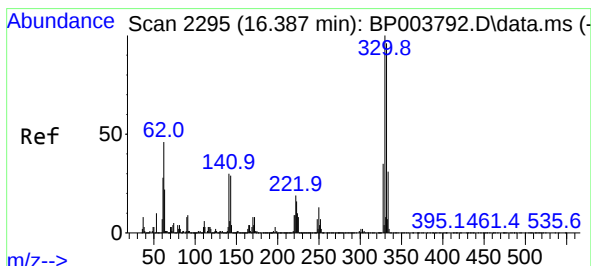
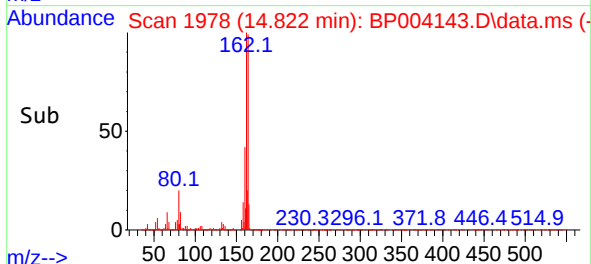
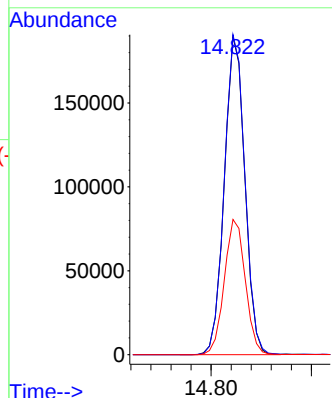
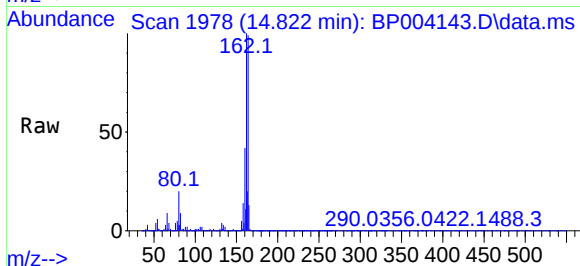


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Instrument :
BNA_P
ClientSampleId :
CL-02-12220

Tgt Ion:164 Resp: 268229

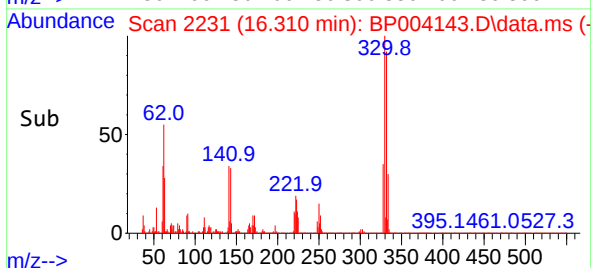
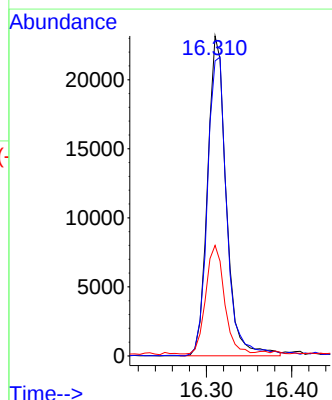
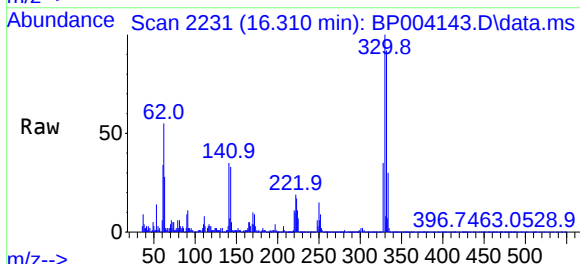
Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.4	119.2
160	42.5	36.1	54.1

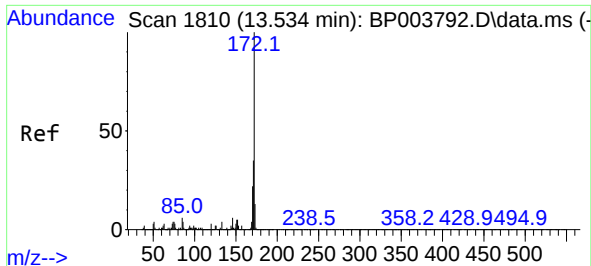


#42
2,4,6-Tribromophenol
Concen: 10.49 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion:330 Resp: 35204

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	33.9	23.4	35.2

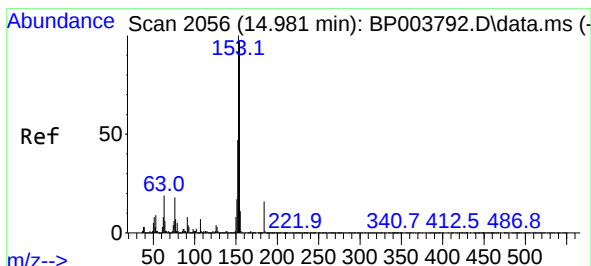
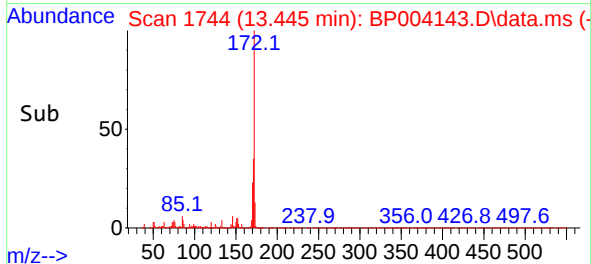
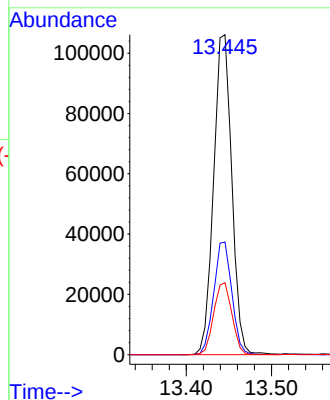
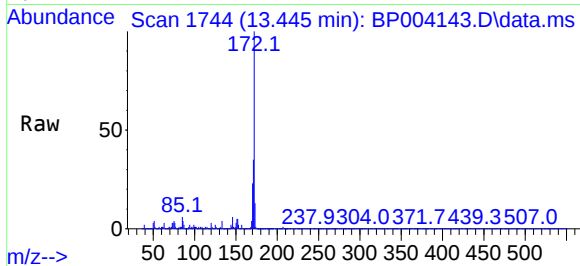




#45
2-Fluorobiphenyl
Concen: 8.20 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

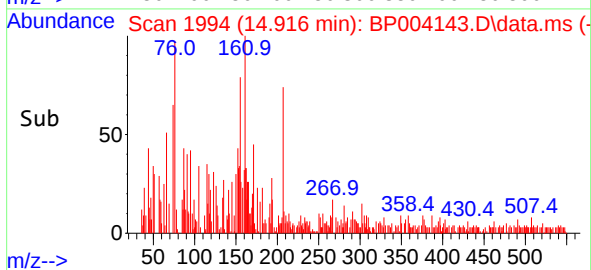
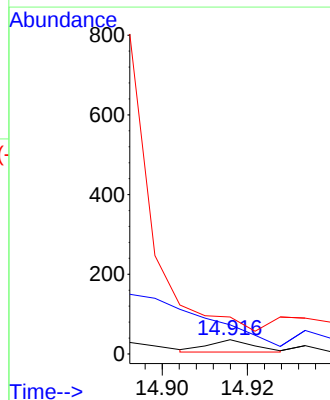
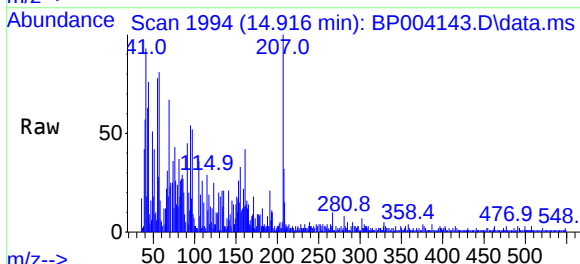
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ClientSampleId :
CL-02-12220

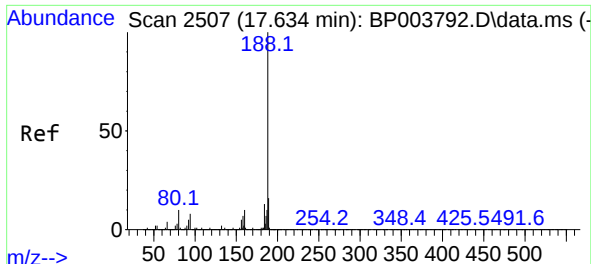
Tgt Ion:172	Resp:	157384
Ion Ratio	Lower	Upper
172	100	
171	35.2	28.5 42.7
170	22.5	19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.916 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion:184	Resp:	23
Ion Ratio	Lower	Upper
184	100	
63	202.8	32.3 48.5#
154	258.3	49.1 73.7#

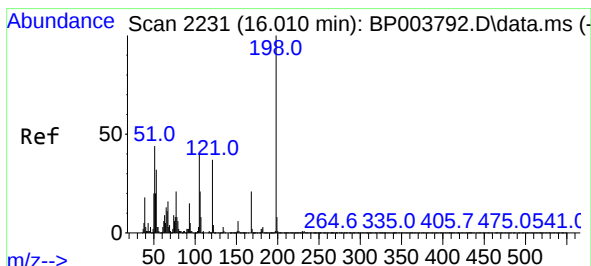
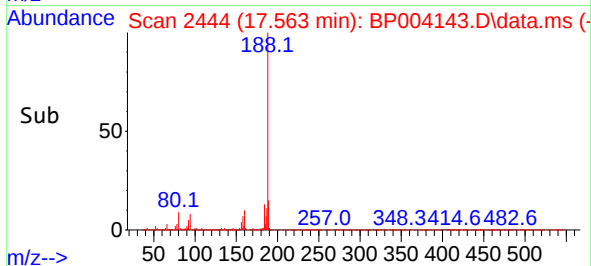
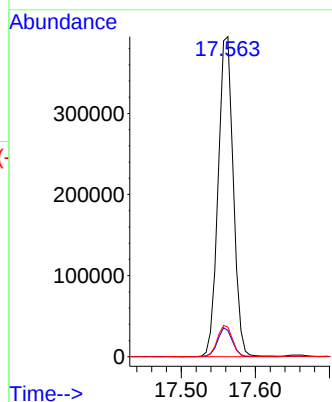
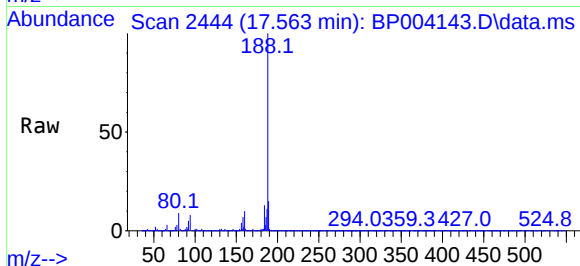




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.563 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

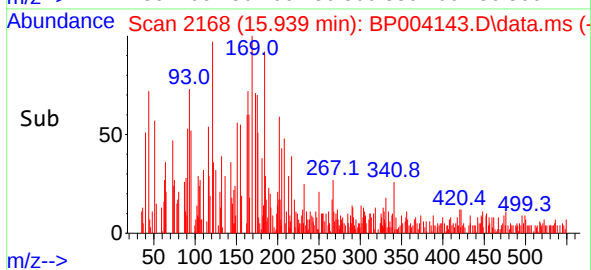
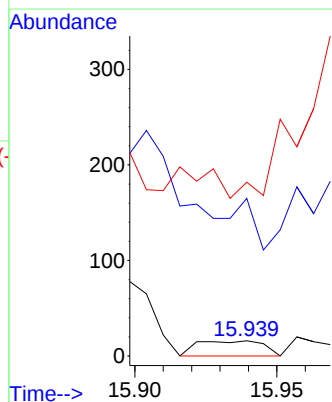
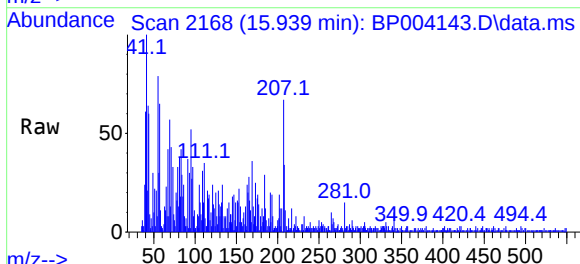
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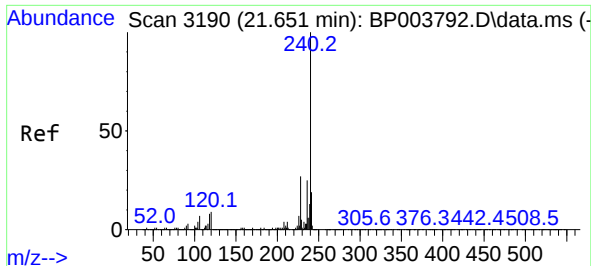
Tgt Ion:188	Resp: 560321
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.2
80 9.3	6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.939 min Scan# 2168
Delta R.T. -0.012 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

Tgt Ion:198	Resp: 26
Ion Ratio	Lower Upper
198 100	
51 1031.3	6.4 46.4#
105 1137.5	18.9 58.9#

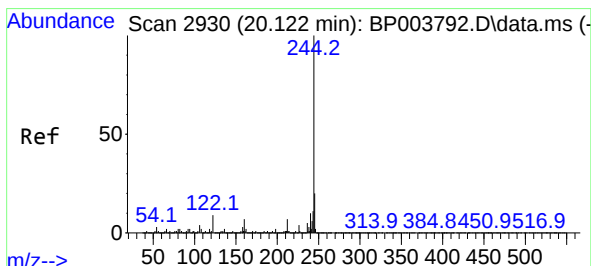
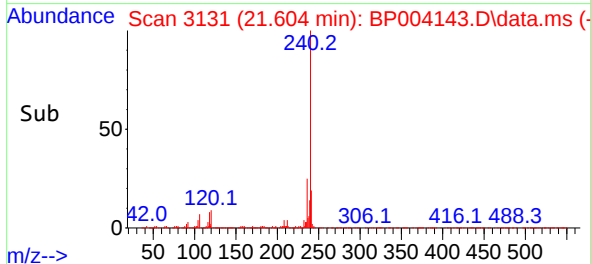
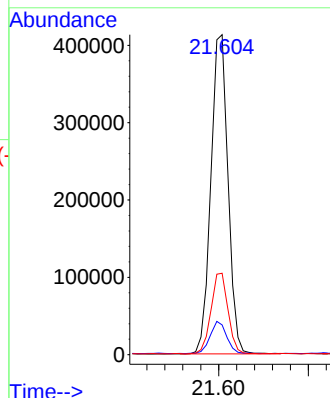
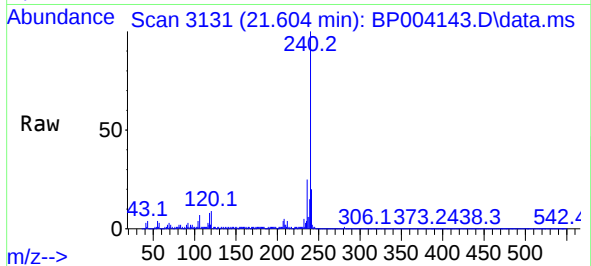




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.604 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

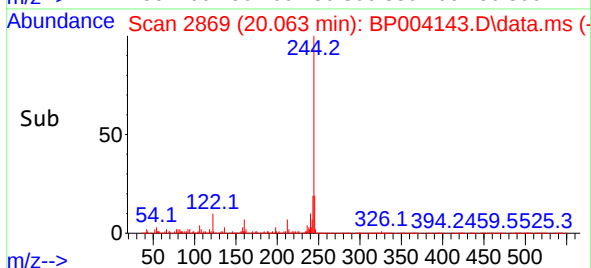
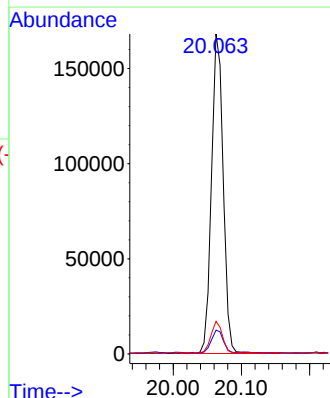
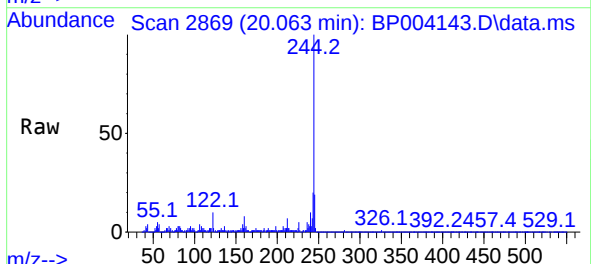
Instrument :
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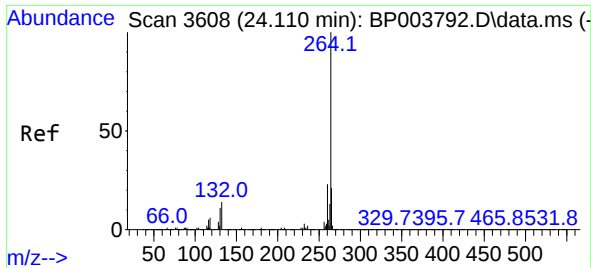
Tgt Ion:240 Resp: 547369
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 7.07 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP004143.D
Acq: 03 Dec 2020 23:07

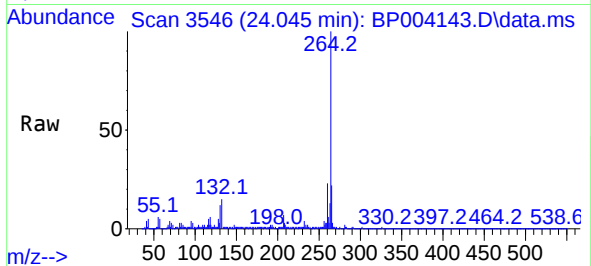
Tgt Ion:244 Resp: 200406
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.045 min Scan# 3546
 Delta R.T. 0.006 min
 Lab File: BP004143.D
 Acq: 03 Dec 2020 23:07

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-12220



Tgt Ion:264 Resp: 581988

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.9	17.4	26.2

