

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
 Data File : BP003688.D
 Acq On : 21 Oct 2020 12:15
 Operator : CG/JU
 Sample : PB132419BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132419BL

Quant Time: Oct 21 13:00:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 14:54:24 2020
 Response via : Initial Calibration

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

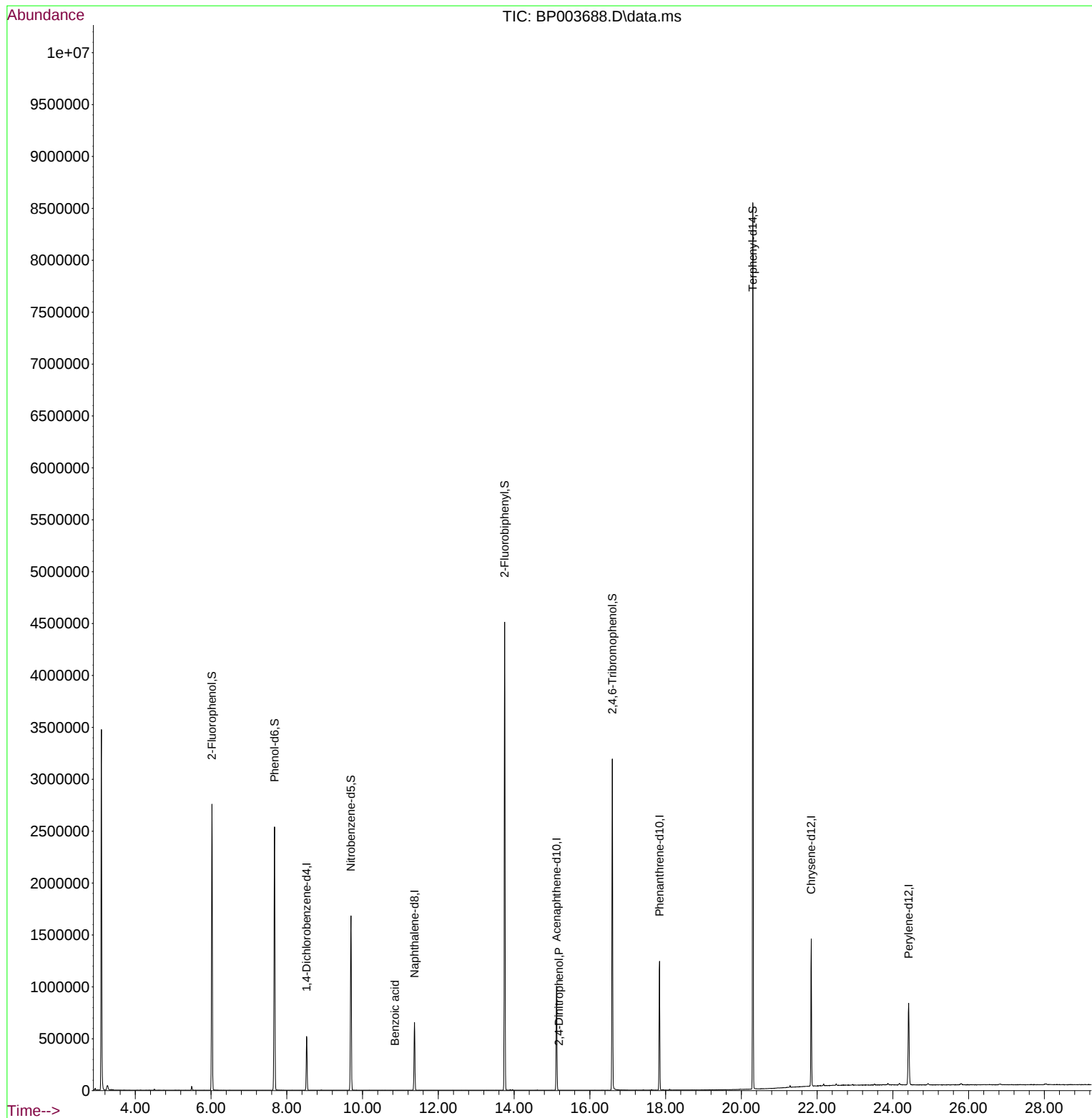
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.522	152	135714	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	495449	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	320977	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	713195	20.00	ng	0.00
76) Chrysene-d12	21.845	240	715251	20.00	ng	# 0.00
86) Perylene-d12	24.415	264	636405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1092280	134.58	ng	0.00
7) Phenol-d6	7.675	99	1405273	122.55	ng	0.00
23) Nitrobenzene-d5	9.693	82	987565	84.32	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	594381	118.69	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2212187	89.10	ng	0.00
79) Terphenyl-d14	20.304	244	3474173	85.43	ng	0.00
Target Compounds						
9) Benzaldehyde	7.581	77	92	Below Cal	#	8
32) Benzoic acid	10.851	122	14	5.04	ng	92
54) 2,4-Dinitrophenol	15.186	184	5	4.83	ng	# 36

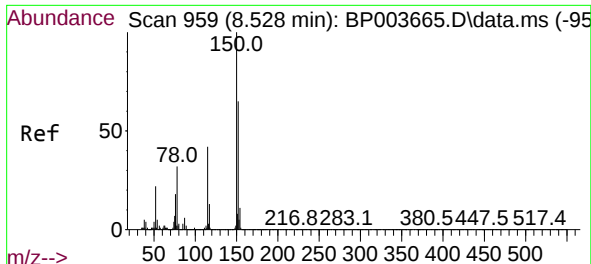
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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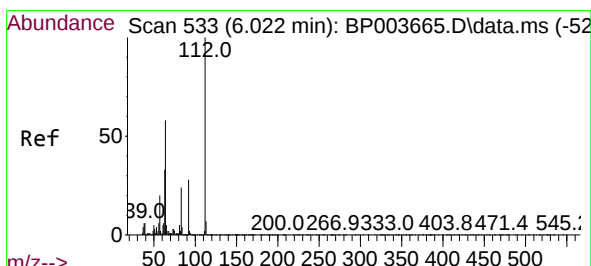
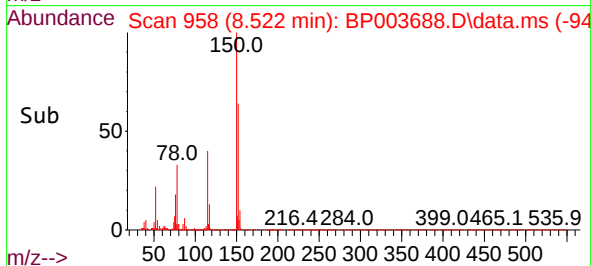
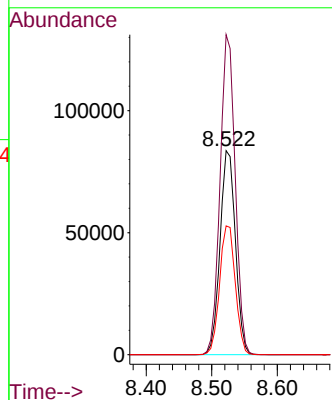
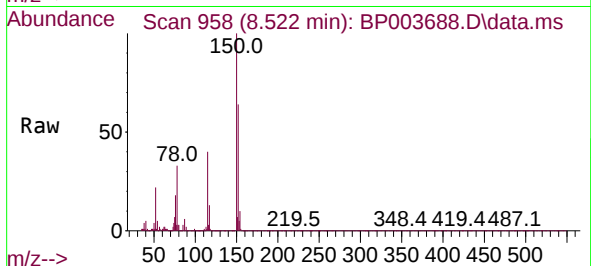




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

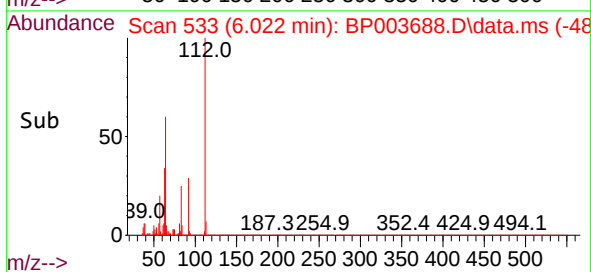
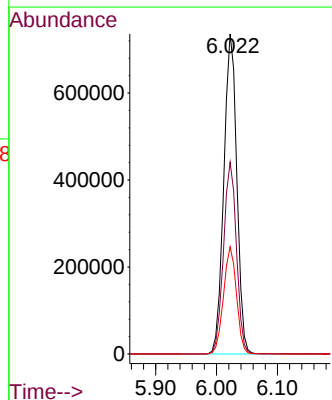
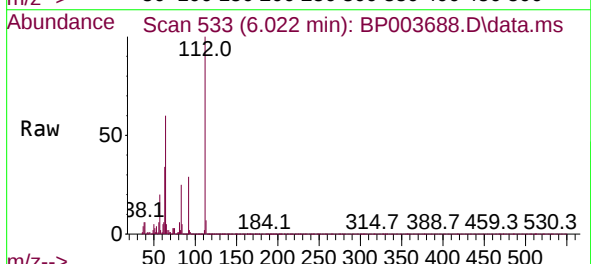
Instrument :
BNA_P
ClientSampleId :
PB132419BL

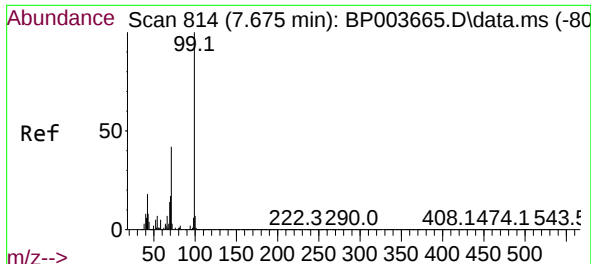
Tgt Ion:152 Resp: 135714
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 63.2 43.8 65.6



#5
2-Fluorophenol
Concen: 134.58 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:112 Resp: 1092280
Ion Ratio Lower Upper
112 100
64 60.0 32.8 49.2#
63 33.5 17.0 25.4#

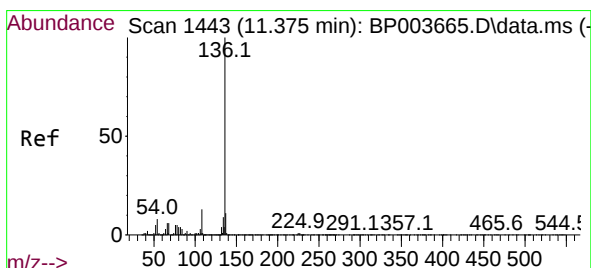
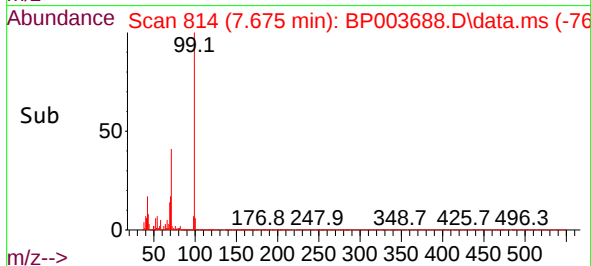
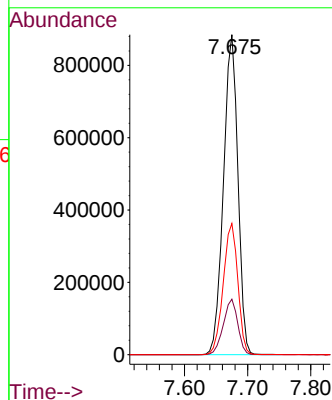
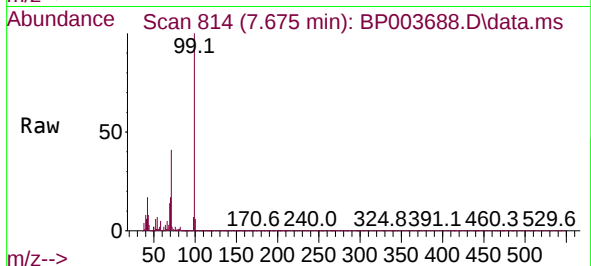




#7
Phenol-d6
Concen: 122.55 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

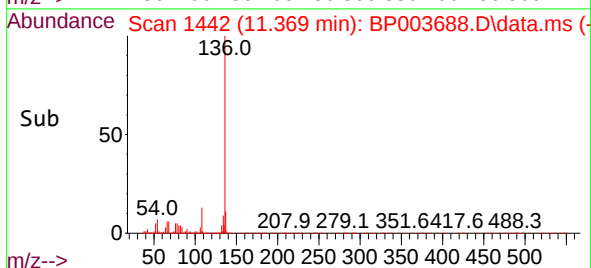
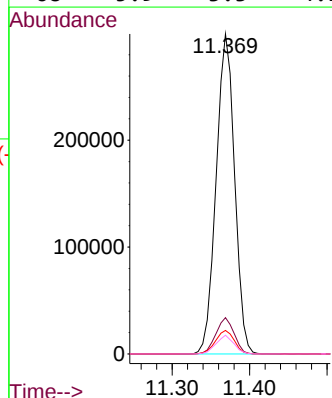
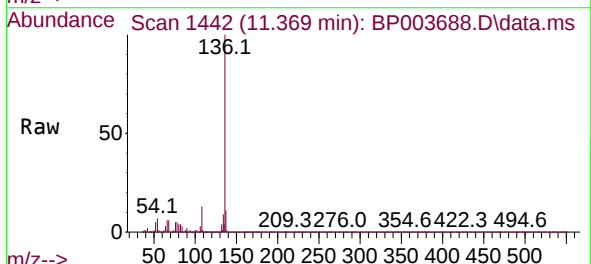
Instrument :
BNA_P
ClientSampleId :
PB132419BL

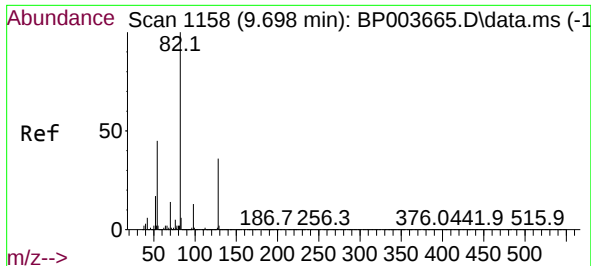
Tgt Ion: 99 Resp: 1405273
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 41.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:136 Resp: 495449
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 7.3 3.6 5.4#
68 5.9 3.3 4.9#

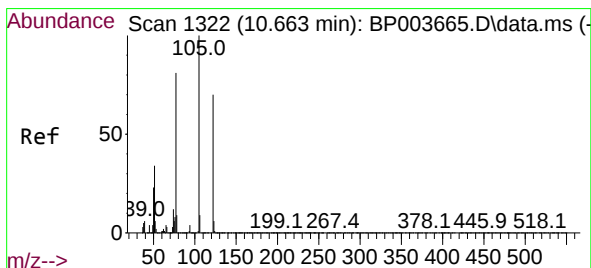
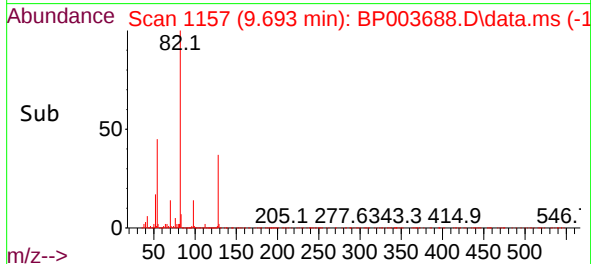
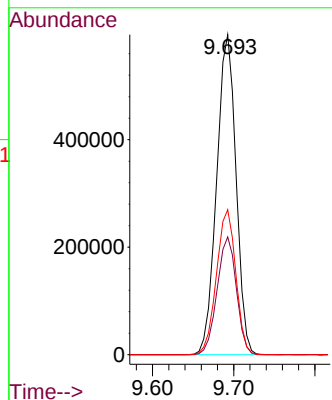
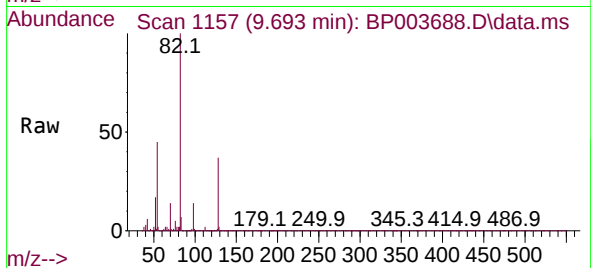




#23
Nitrobenzene-d5
Concen: 84.32 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

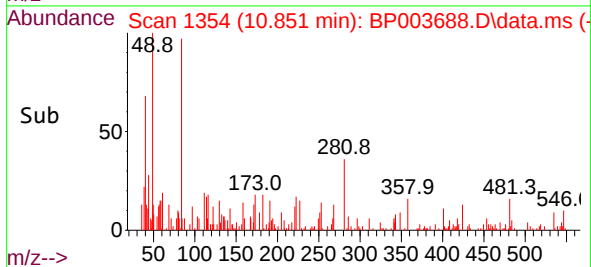
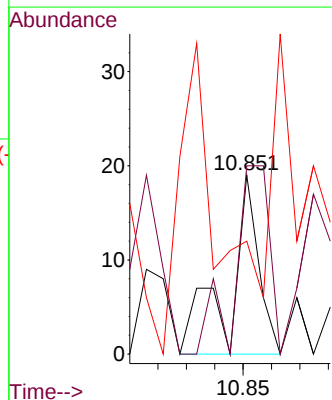
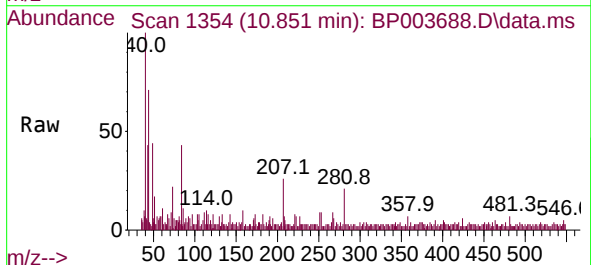
Instrument :
BNA_P
ClientSampleId :
PB132419BL

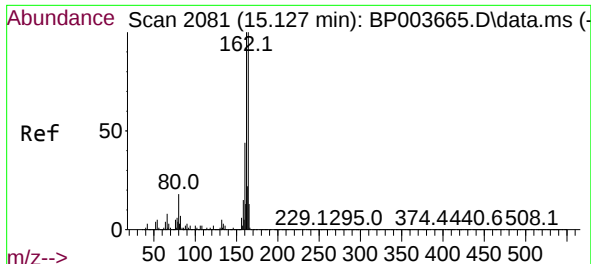
Tgt Ion: 82 Resp: 987565
Ion Ratio Lower Upper
82 100
128 36.8 45.6 68.4#
54 45.3 30.1 45.1#



#32
Benzoic acid
Concen: 5.04 ng
RT: 10.851 min Scan# 1354
Delta R.T. 0.188 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion: 122 Resp: 14
Ion Ratio Lower Upper
122 100
105 105.3 94.1 134.1
77 63.2 50.1 90.1

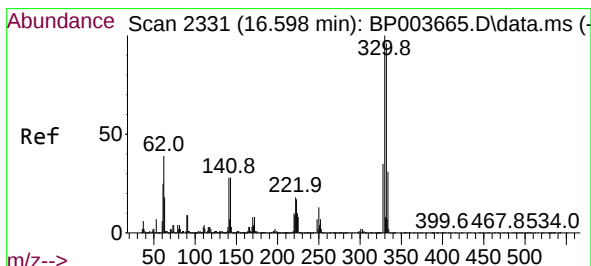
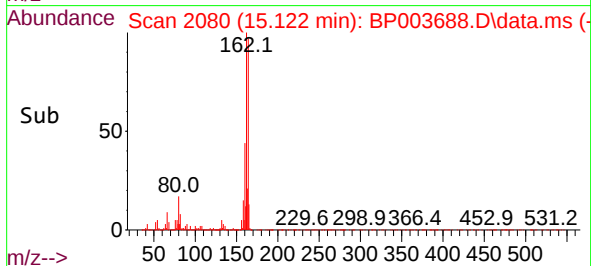
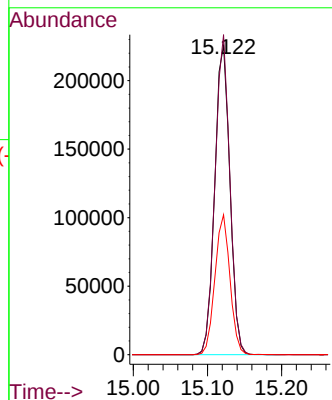
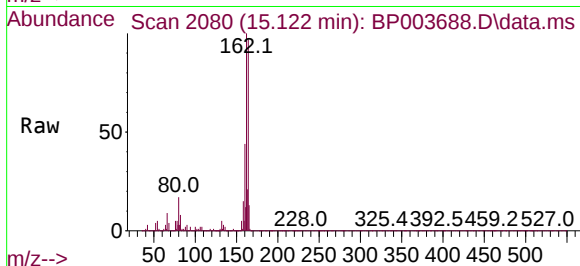




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

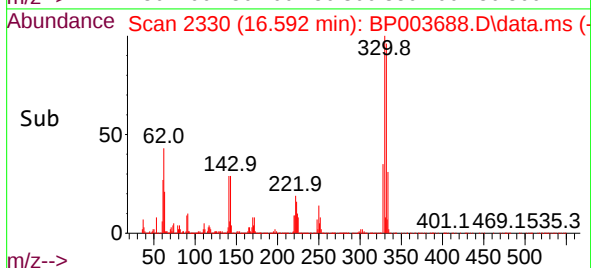
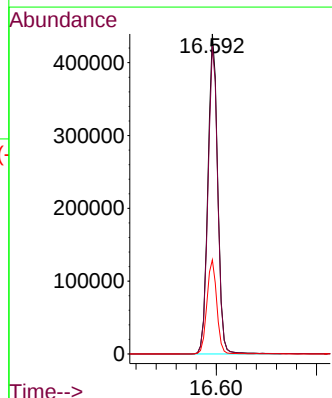
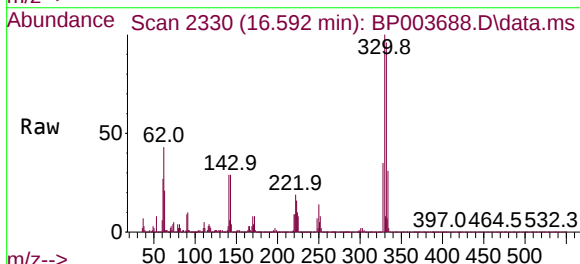
Instrument :
BNA_P
ClientSampleId :
PB132419BL

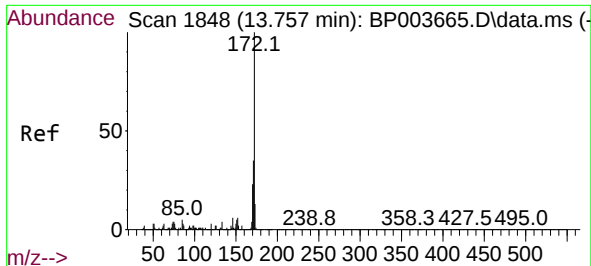
Tgt Ion:164 Resp: 320977
Ion Ratio Lower Upper
164 100
162 103.5 79.4 119.2
160 45.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 118.69 ng
RT: 16.592 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:330 Resp: 594381
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.7 23.4 35.2



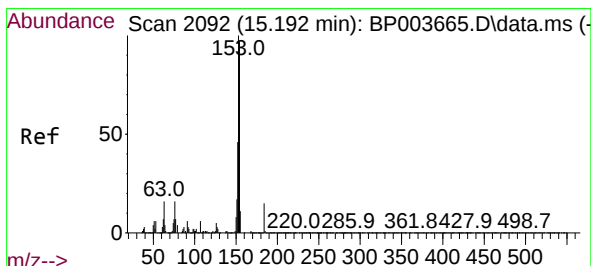
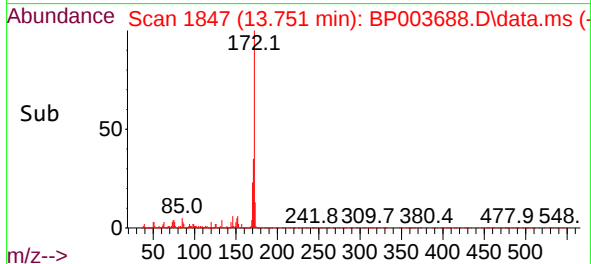
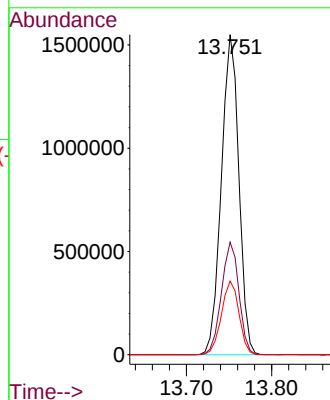
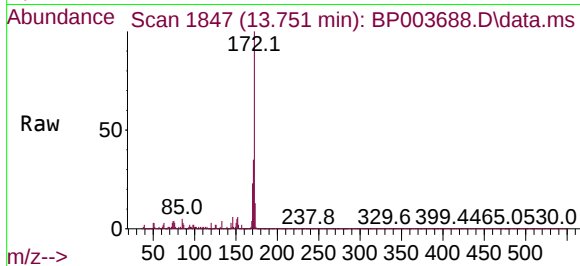


#45
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Instrument :
BNA_P
ClientSampleId :
PB132419BL

Tgt Ion:172 Resp: 2212187

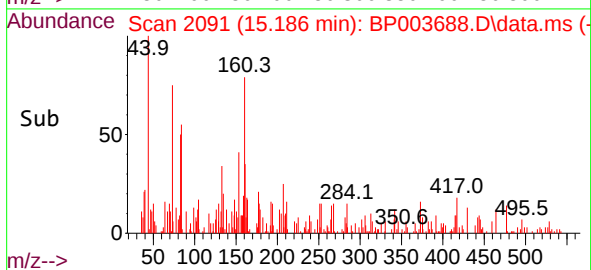
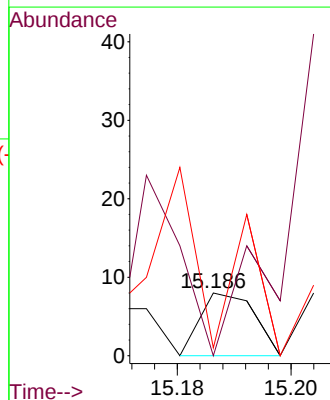
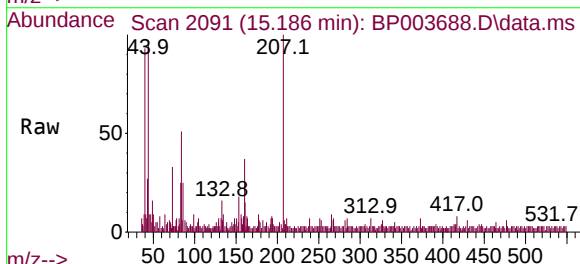
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.0	19.2	28.8

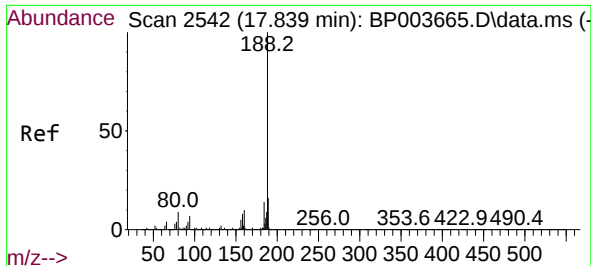


#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:184 Resp: 5

Ion	Ratio	Lower	Upper
184	100		
63	0.0	32.3	48.5#
154	12.5	49.1	73.7#

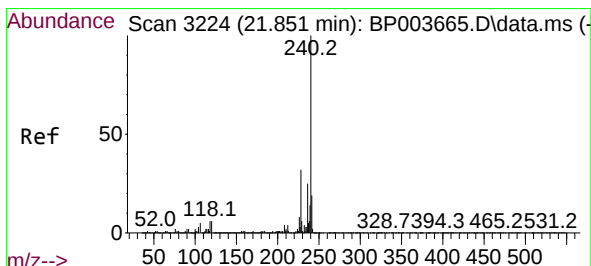
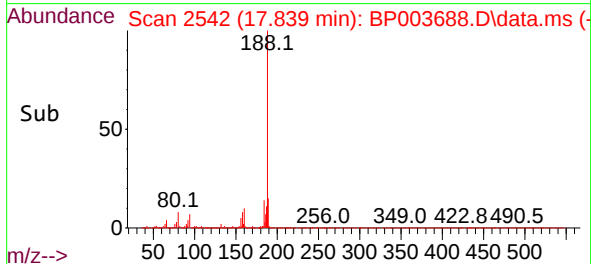
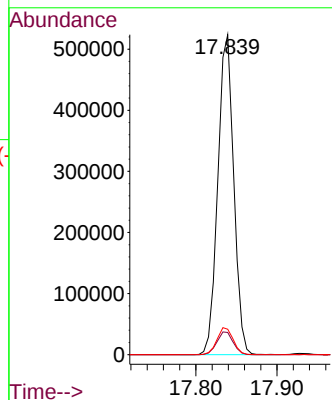
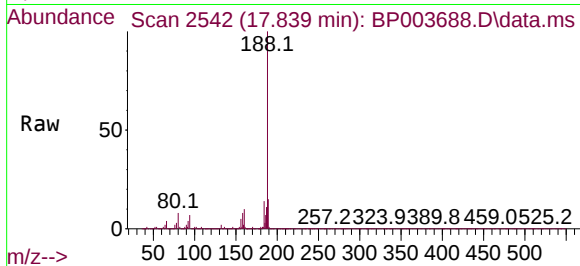




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

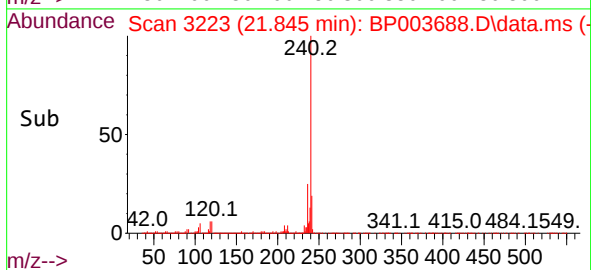
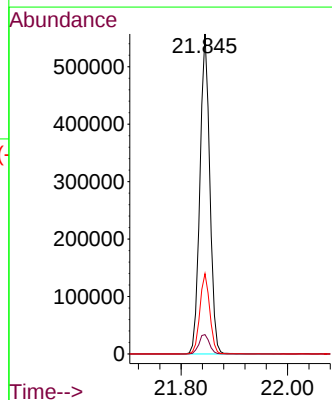
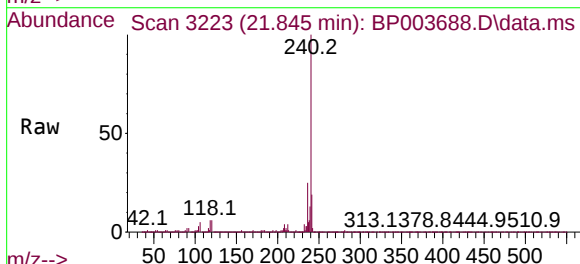
Instrument :
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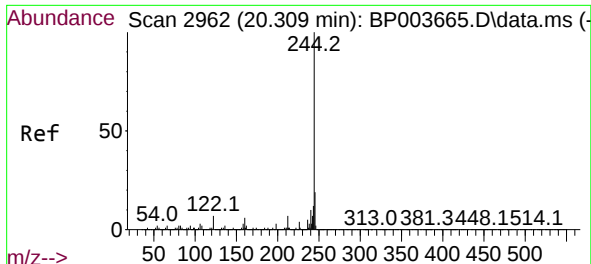
Tgt Ion:	188	Resp:	713195
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.2	9.2
80	7.9	6.2	9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:	240	Resp:	715251
Ion Ratio	Lower	Upper	
240	100		
120	6.0	7.8	11.6#
236	25.1	20.8	31.2

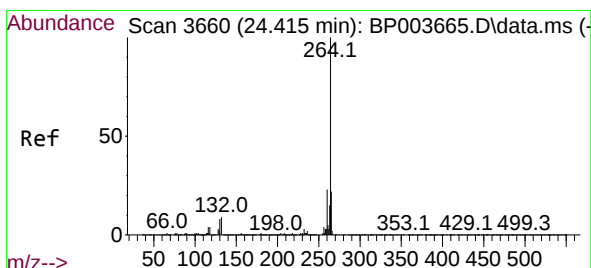
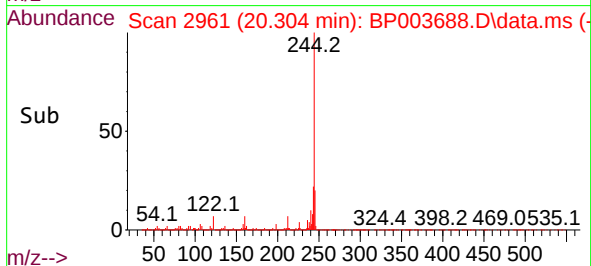
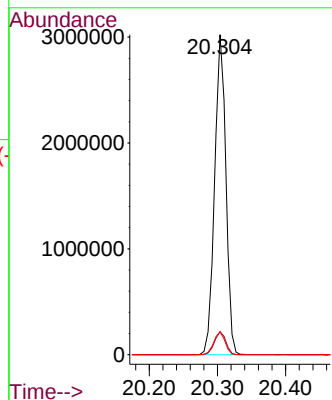
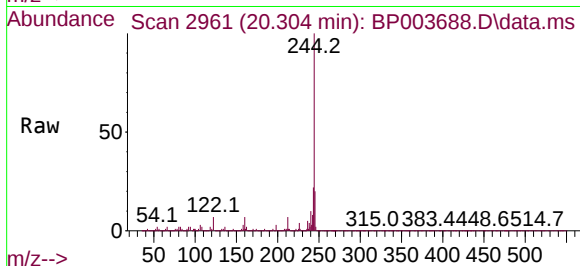




#79
Terphenyl-d14
Concen: 85.43 ng
RT: 20.304 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Instrument :
BNA_P
ClientSampleId :
PB132419BL

Tgt Ion:244 Resp: 3474173
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.2 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.415 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BP003688.D
Acq: 21 Oct 2020 12:15

Tgt Ion:264 Resp: 636405
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 20.9 17.4 26.2

