

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002454.D
 Acq On : 18 Jun 2020 22:22
 Operator : CG/JU
 Sample : L3024-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-16

Quant Time: Jun 19 02:28:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	147376	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	608533	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	381369	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	844627	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	830610	20.00	ng	-0.02
86) Perylene-d12	23.29	264	855699	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1174514	147.47	ng	0.00
7) Phenol-d6	6.78	99	1468461	138.48	ng	0.00
23) Nitrobenzene-d5	8.73	82	1236186	121.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	681595	186.67	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2611477	115.14	ng	0.00
79) Terphenyl-d14	19.58	244	3993394	142.29	ng	0.00

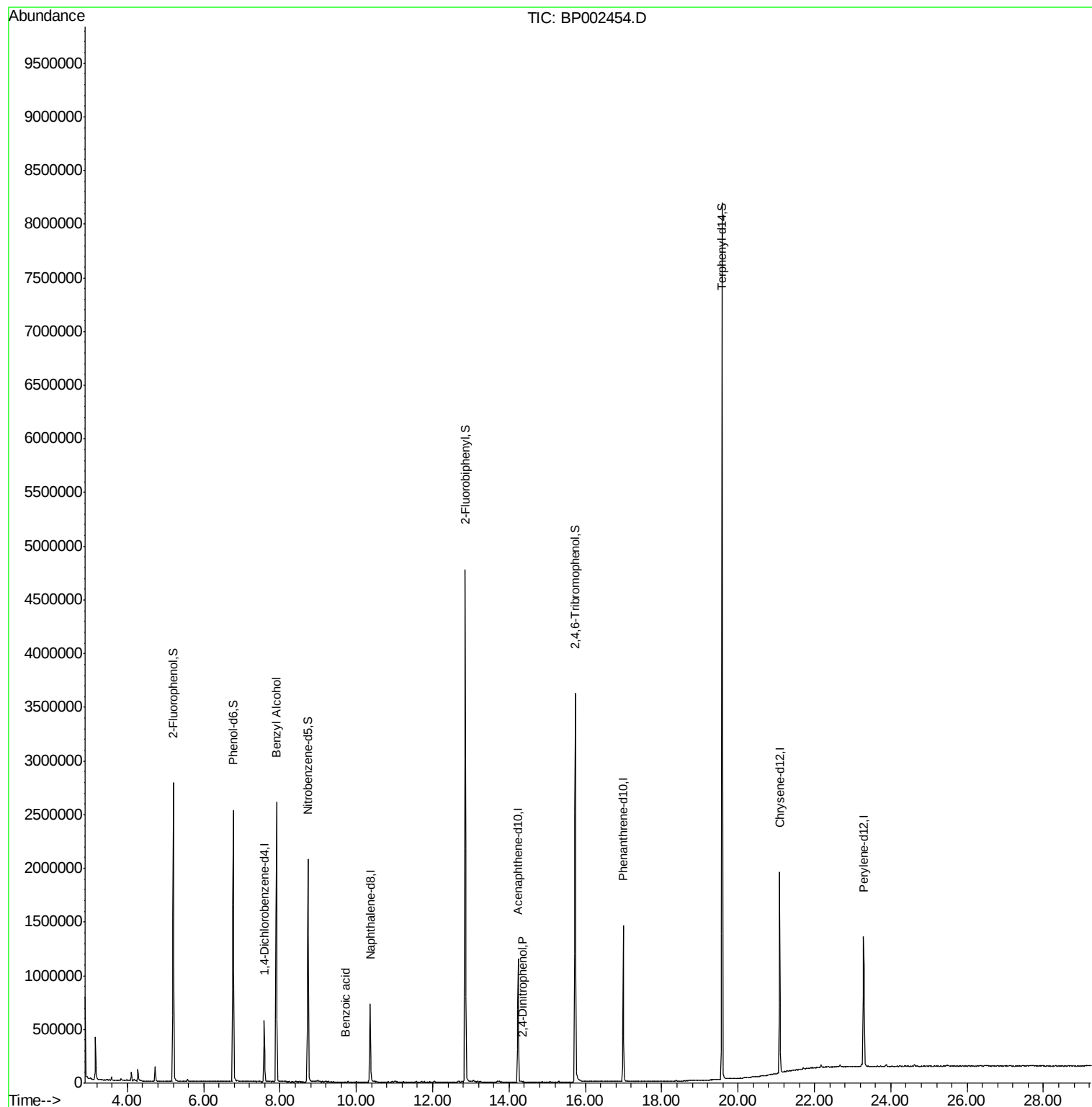
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	2497	Below Cal	#	7
15) Benzyl Alcohol	7.90	79	19620	2.387	ng	48
32) Benzoic acid	9.71	122	12	4.601	ng	1
54) 2,4-Dinitrophenol	14.37	184	13	2.790	ng	1
61) 4-Chlorophenyl-phenylether	15.27	204	9	Below Cal	#	1

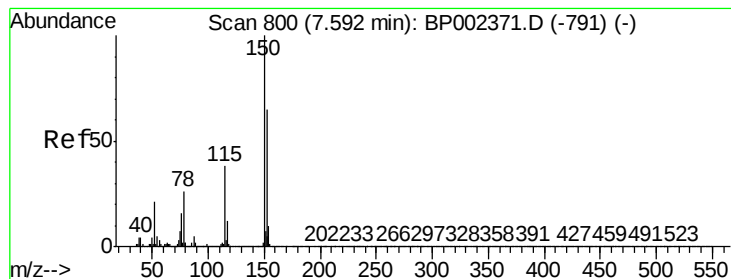
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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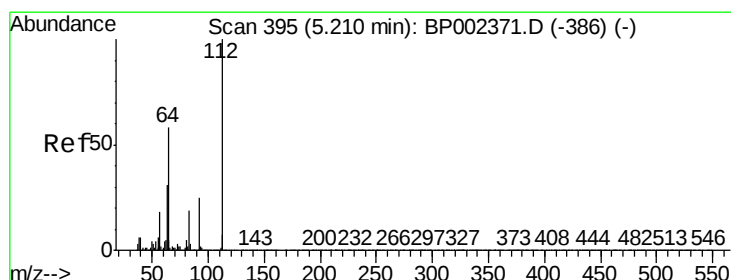
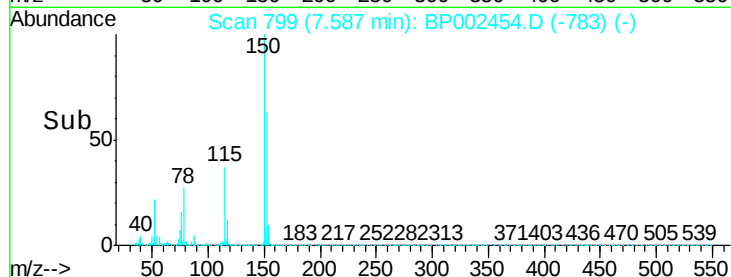
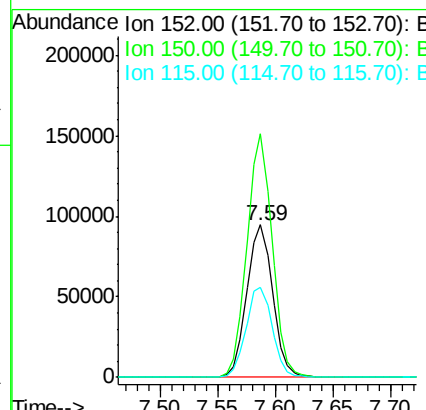
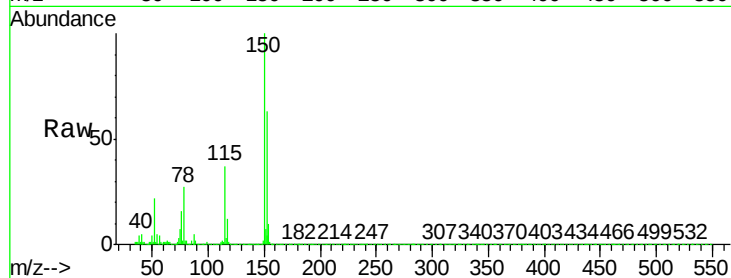


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Instrument :
BNA_P
ClientSampleId :
RO-16

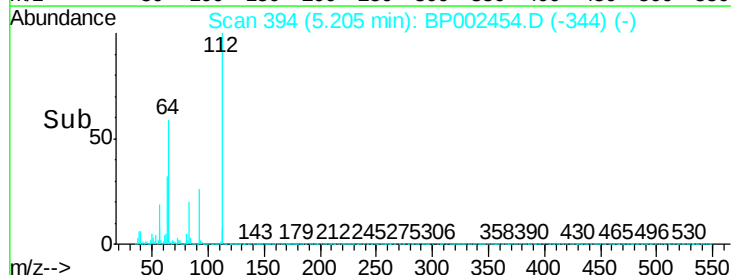
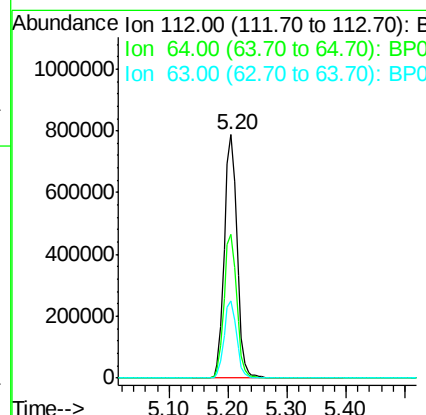
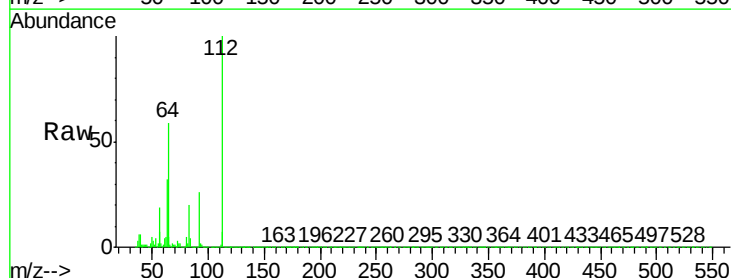
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.0	186.0
115	58.9	47.4	71.0



#5

2-Fluorophenol
Concen: 147.469 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.2	69.2
63	31.7	24.5	36.7





#7

Phenol-d6

Concen: 138.484 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002454.D

Acq: 18 Jun 2020 22:22

Instrument :

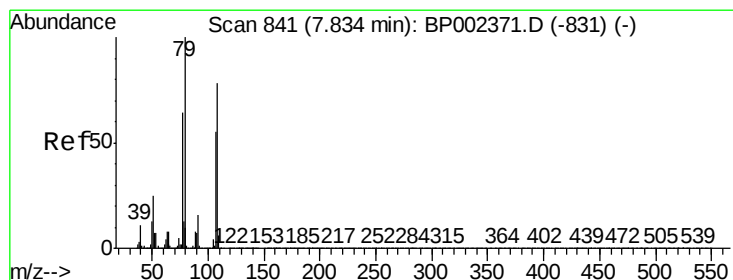
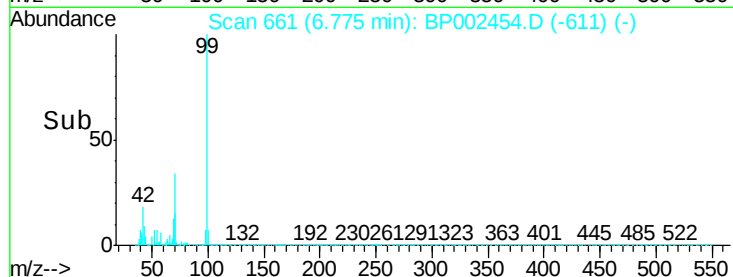
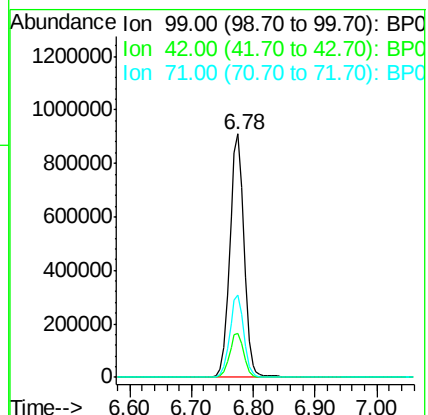
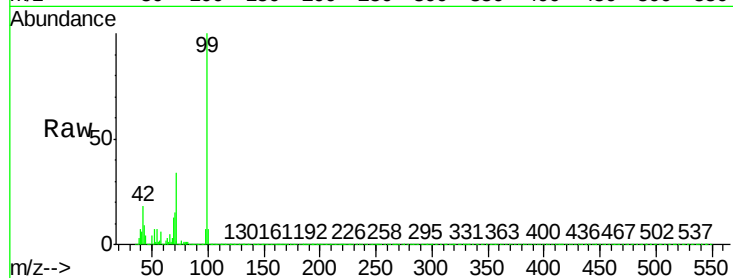
BNA_P

ClientSampleId :

RO-16

Tot Ion: 99 Resp: 1468461

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	33.6	27.2	40.8



#15

Benzyl Alcohol

Concen: 2.387 ng

RT: 7.90 min Scan# 853

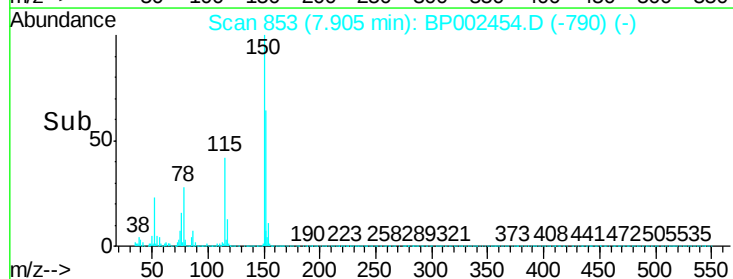
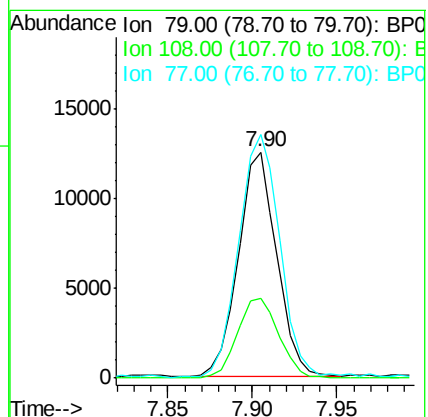
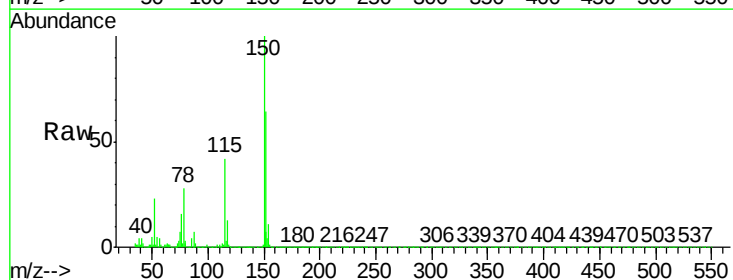
Delta R.T. 0.07 min

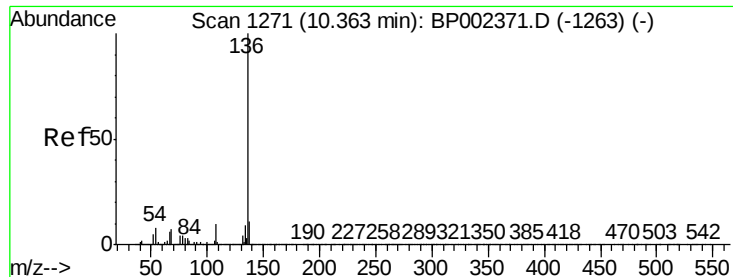
Lab File: BP002454.D

Acq: 18 Jun 2020 22:22

Tgt Ion: 79 Resp: 19620

Ion	Ratio	Lower	Upper
79	100		
108	35.3	62.6	94.0#
77	107.6	51.5	77.3#

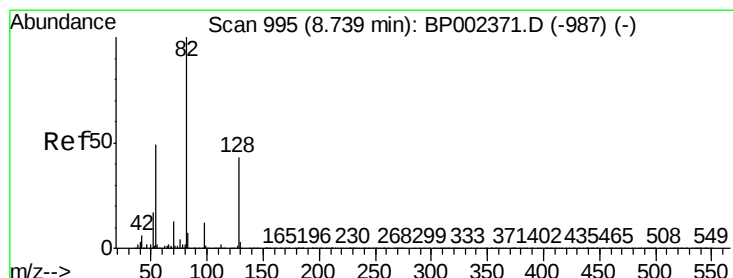
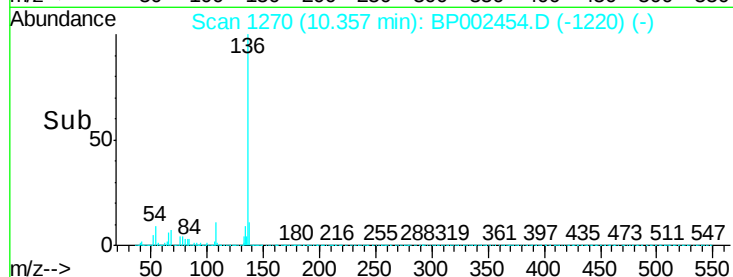
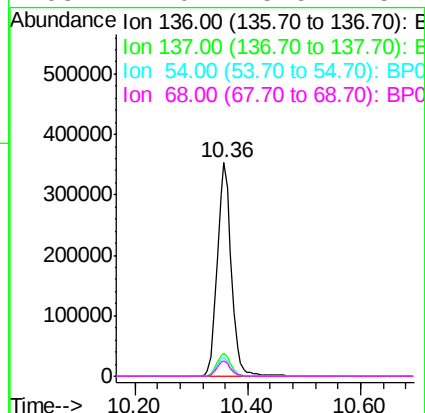
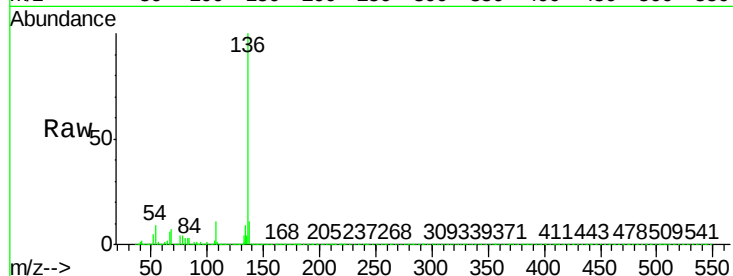




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

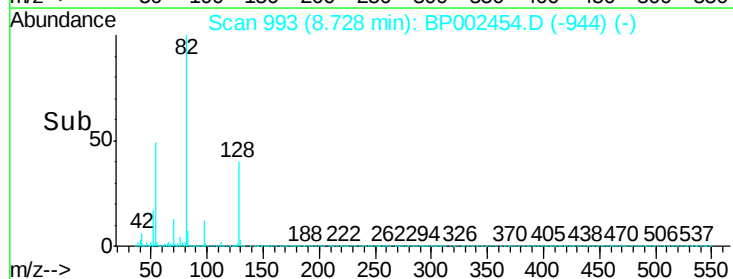
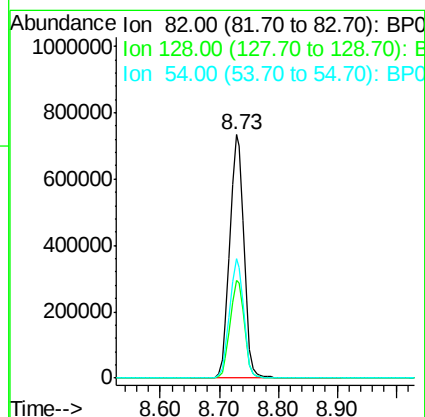
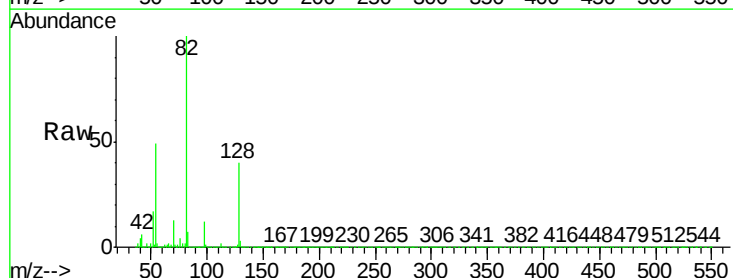
Instrument :
BNA_P
ClientSampleId :
RO-16

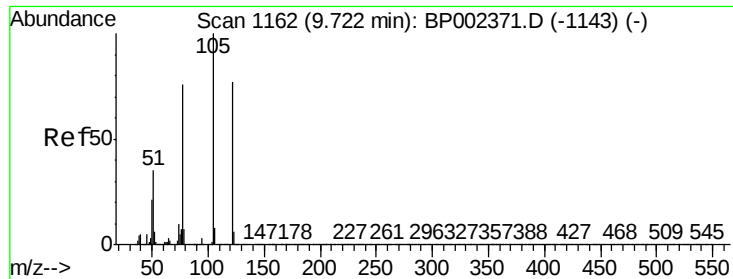
Tot Ion:136	Resp: 608533
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.8	6.4 9.6
68 7.0	5.6 8.4



#23
Nitrobenzene-d5
Concen: 121.314 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion: 82	Resp: 1236186
Ion Ratio	Lower Upper
82 100	
128 40.0	34.5 51.7
54 48.8	39.4 59.2

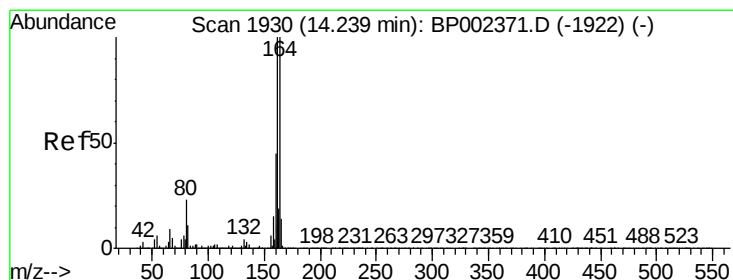
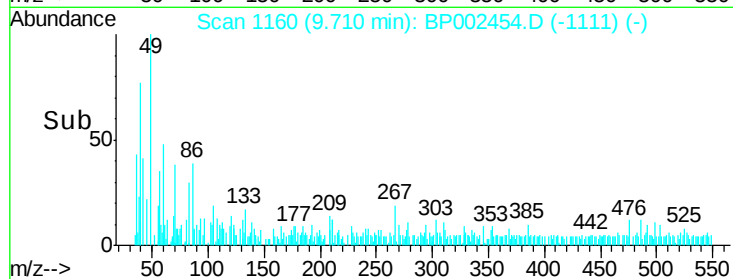
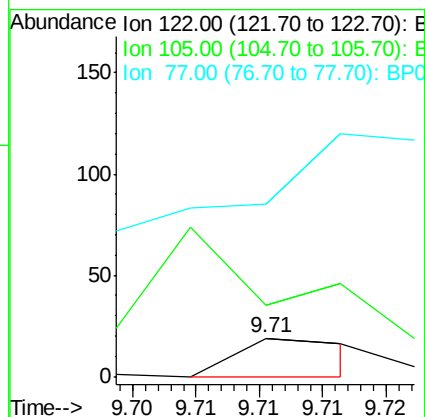
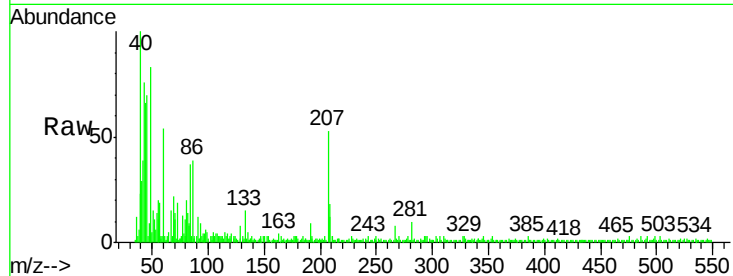




#32
Benzoic acid
Concen: 4.601 ng
RT: 9.71 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

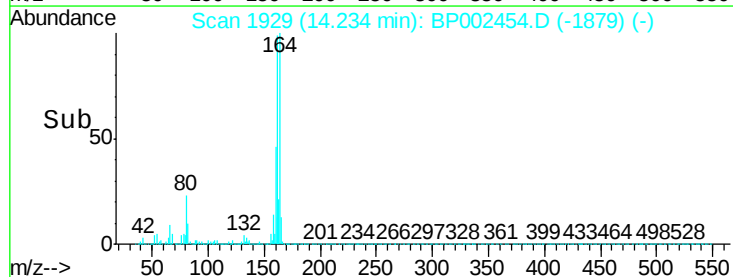
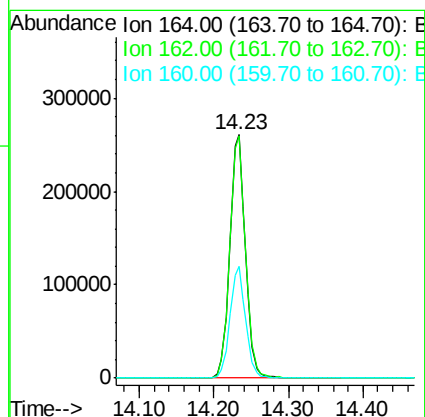
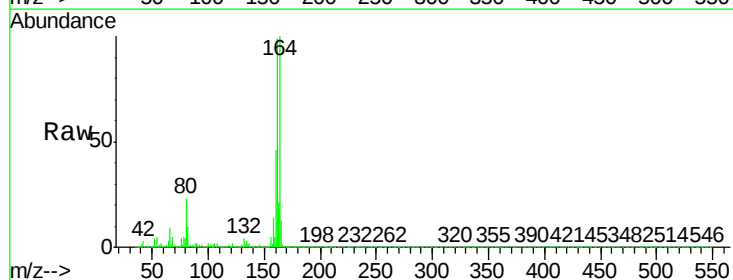
Instrument :
BNA_P
ClientSampleId :
RO-16

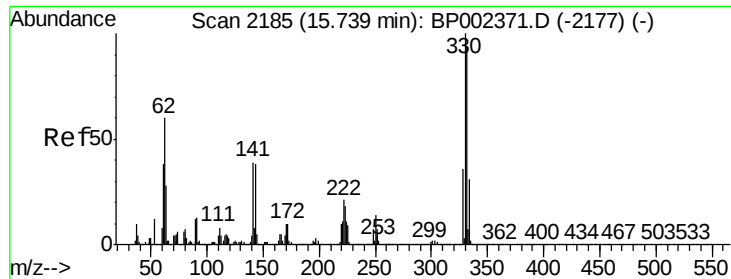
Tot Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 184.2 106.3 146.3#
77 447.4 77.5 117.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion:164 Resp: 381369
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.8 36.2 54.2

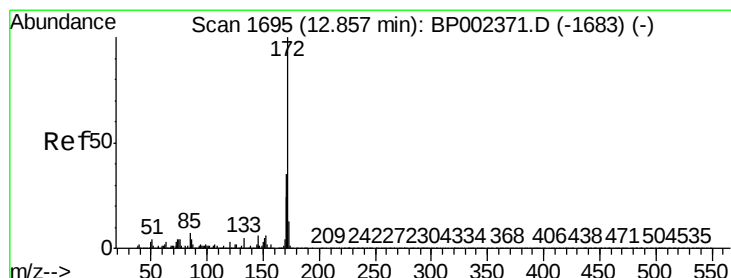
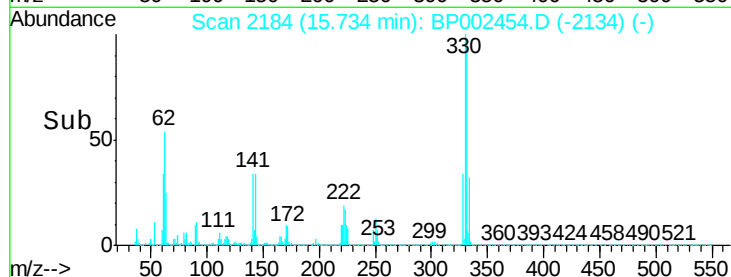
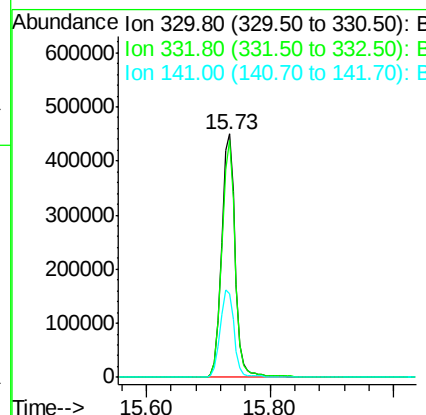
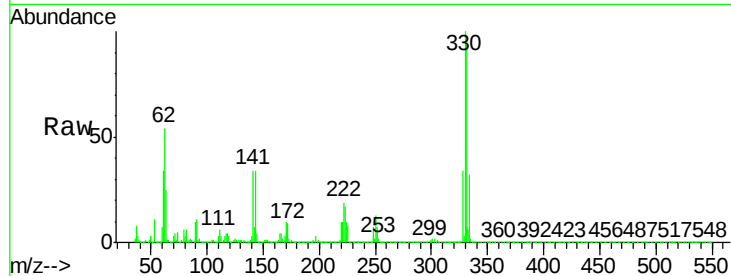




#42
 2,4,6-Tribromophenol
 Concen: 186.670 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002454.D
 Acq: 18 Jun 2020 22:22

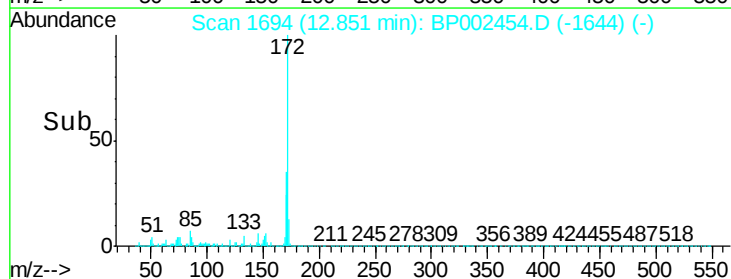
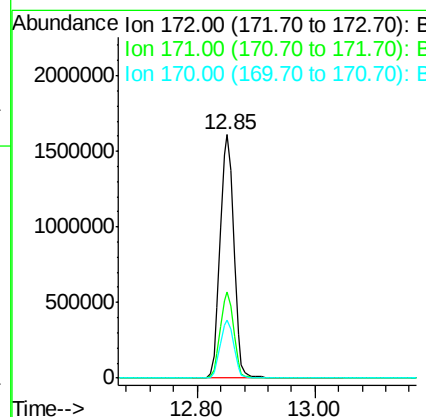
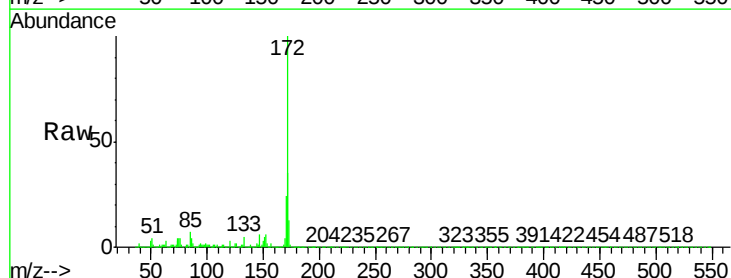
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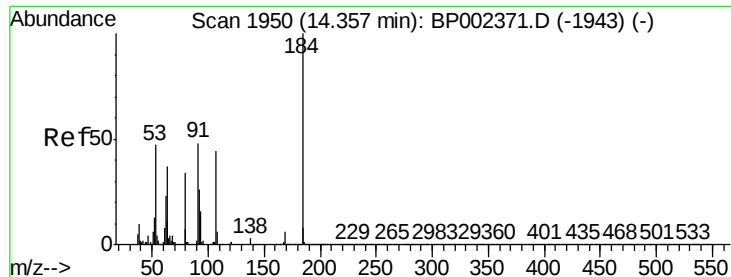
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	36.9	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 115.137 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002454.D
 Acq: 18 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	24.0	19.0	28.6

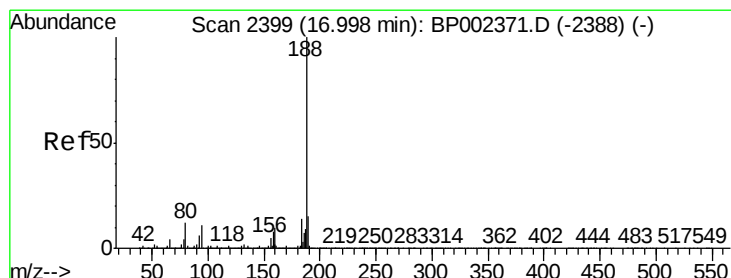
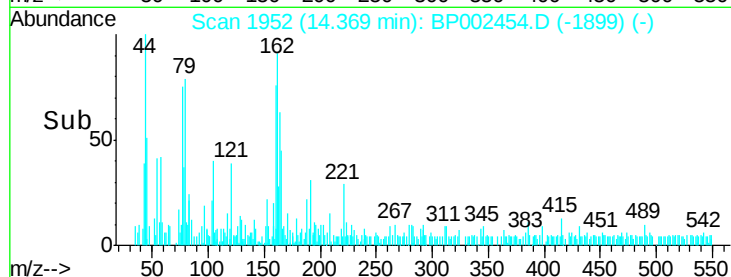
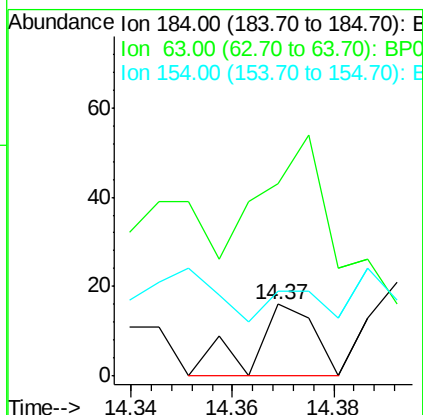
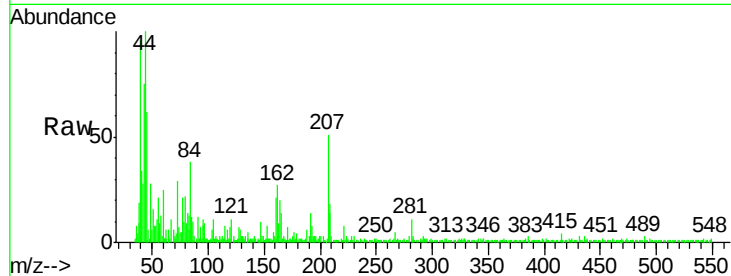




#54
2,4-Dinitrophenol
Concen: 2.790 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

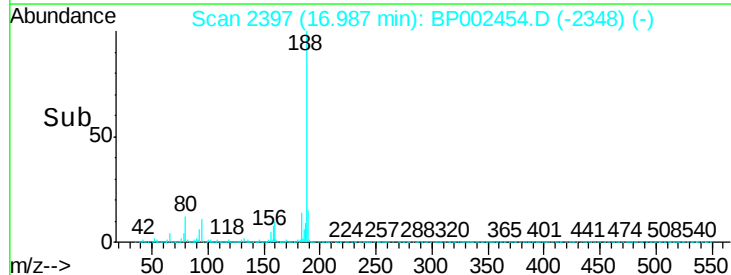
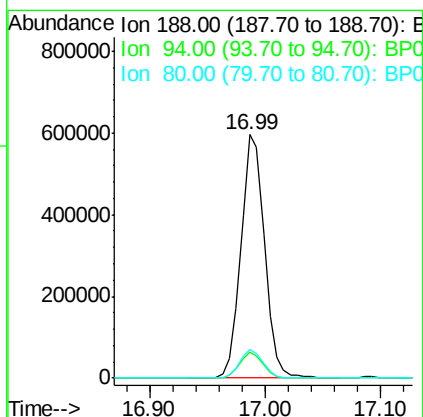
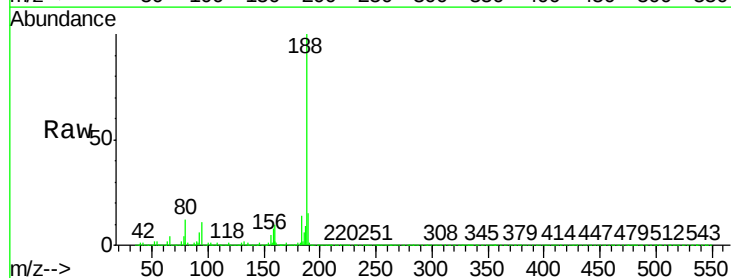
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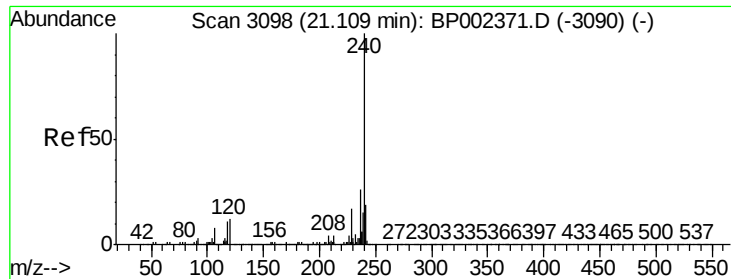
Tot Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 215.0 52.3 78.5#
154 95.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion:188 Resp: 844627
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.4 14.0

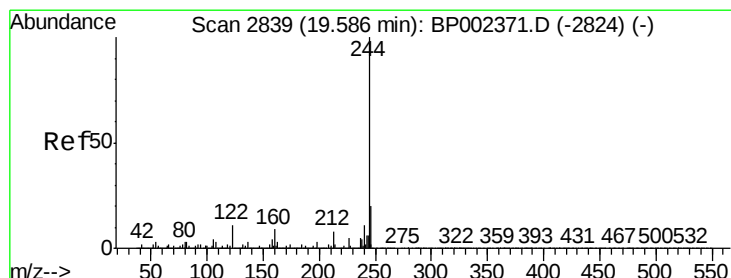
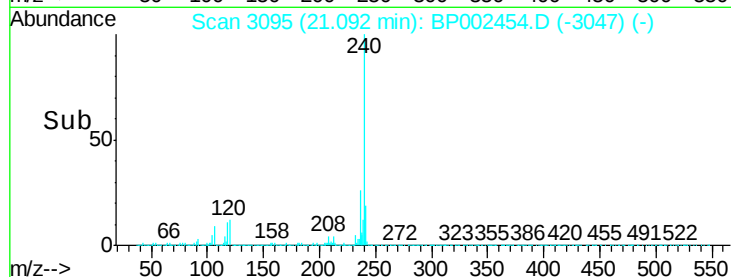
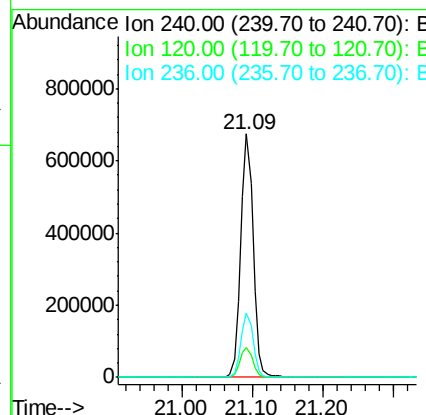
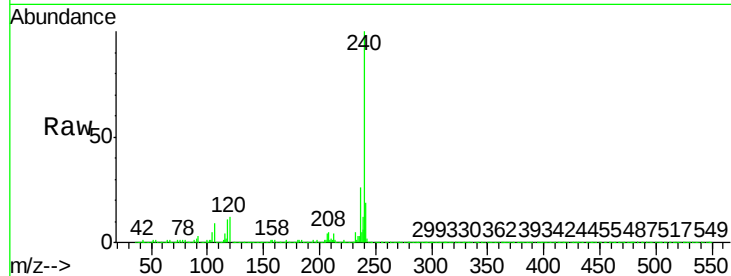




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

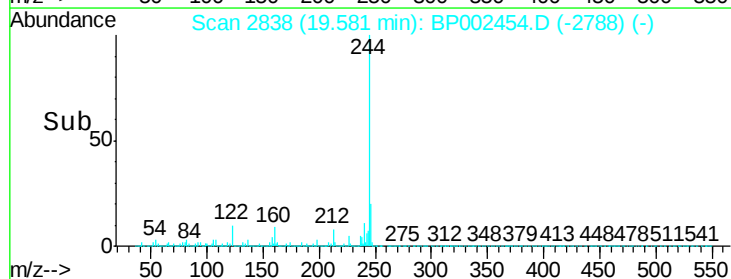
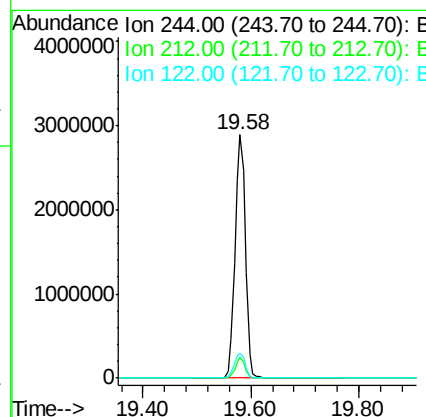
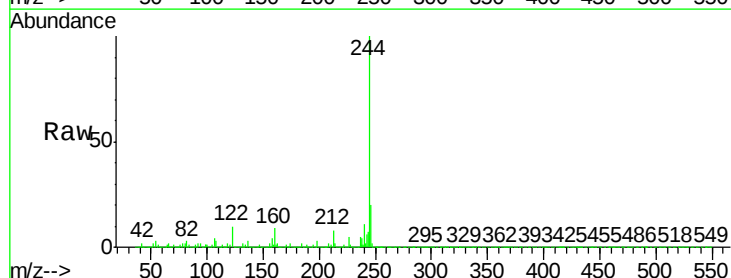
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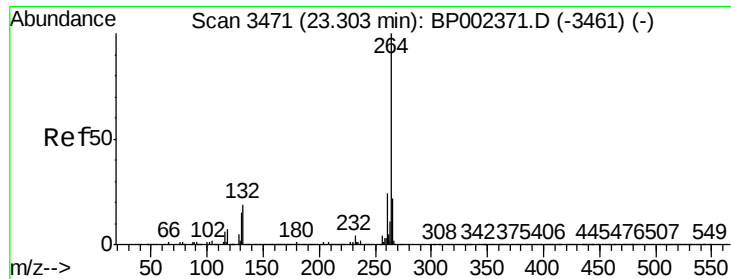
Tot Ion:240 Resp: 830610
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 142.286 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion:244 Resp: 3993394
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 10.3 8.8 13.2





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3468
 Delta R.T. -0.02 min
 Lab File: BP002454.D
 Acq: 18 Jun 2020 22:22

Instrument :
 BNA_P
 ClientSampleId :
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Tot Ion:	264	Resp:	855699
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.8	17.4	26.2

