

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002915.D
 Acq On : 06 Aug 2020 12:26
 Operator : CG/JU
 Sample : L3547-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-012

Quant Time: Aug 06 16:45:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

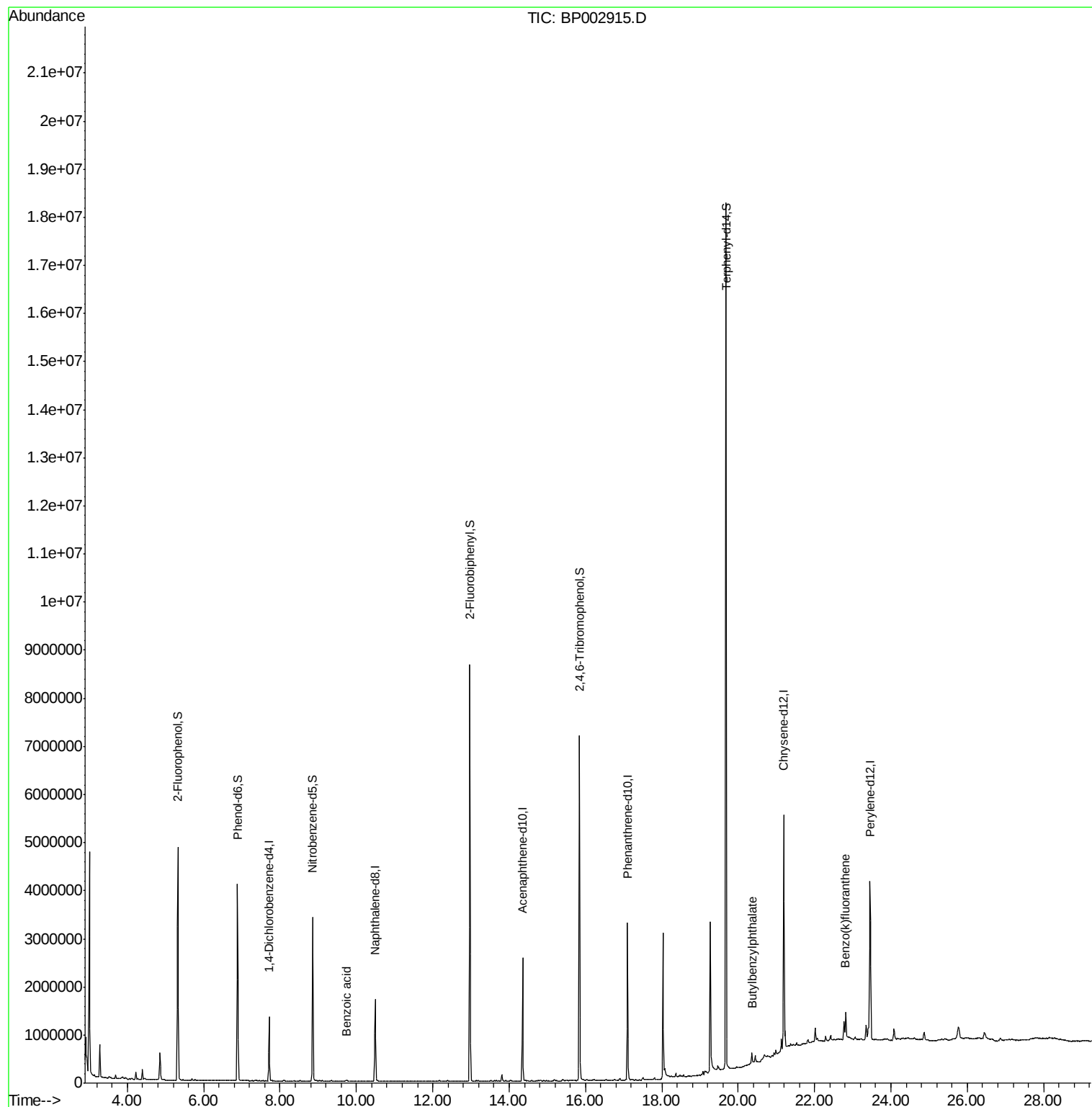
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	386315	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1473650	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	916540	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2038690	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2226025	20.00	ng	0.00
86) Perylene-d12	23.45	264	2434143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2477333	98.15	ng	0.00
7) Phenol-d6	6.89	99	2710392	77.34	ng	0.00
23) Nitrobenzene-d5	8.86	82	2079683	76.44	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1518135	133.27	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4929104	73.48	ng	0.00
79) Terphenyl-d14	19.68	244	8133285	73.15	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	11821	8.411	ng	96
80) Butylbenzylphthalate	20.36	149	70137	4.097	ng	95
89) Benzo(k)fluoranthene	22.82	252	325645	2.006	ng	# 97

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

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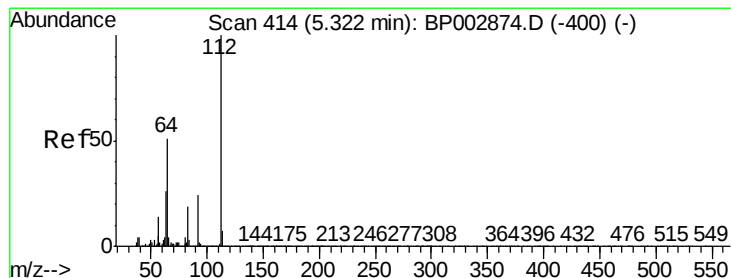
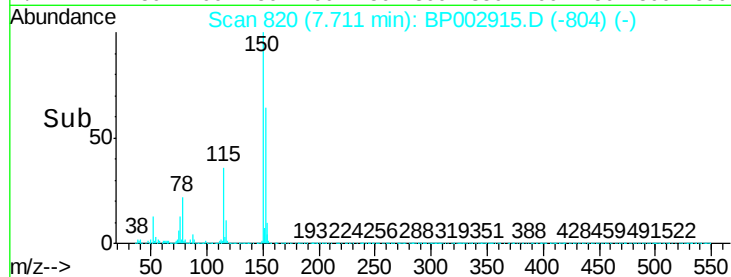
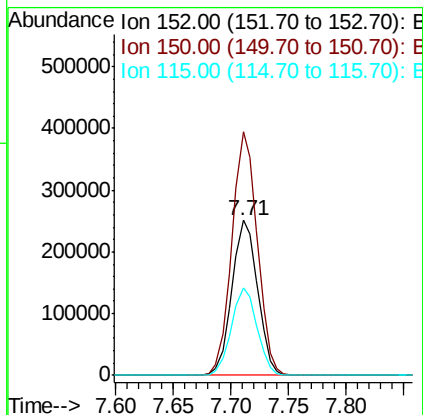
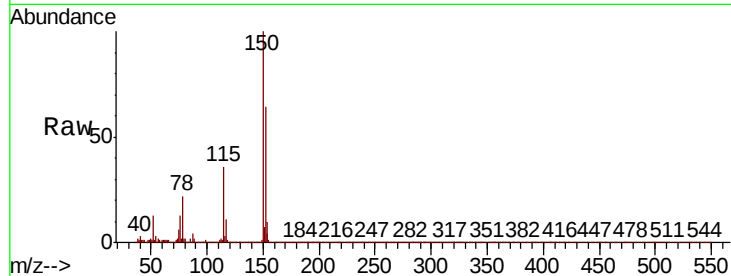


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Instrument :
BNA_P
ClientSampleId :
CRT-012

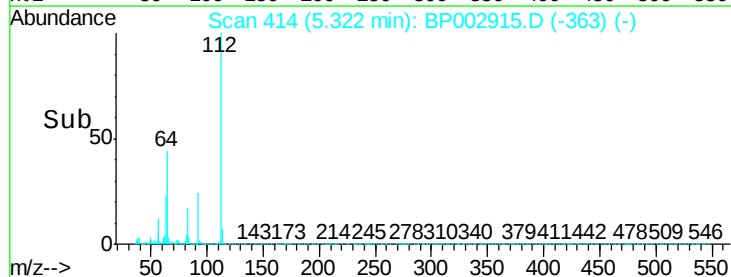
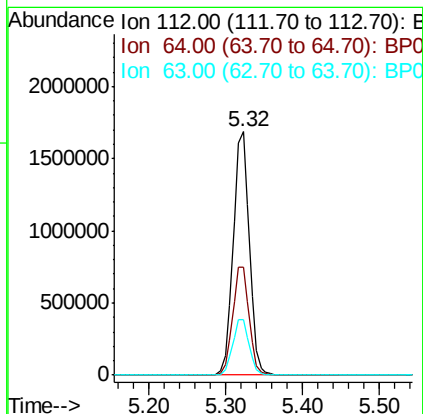
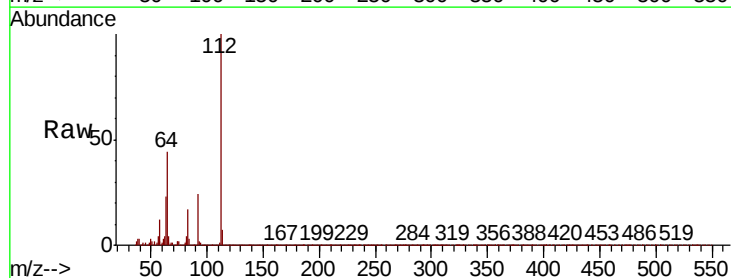
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.8	187.2
115	56.2	47.4	71.2

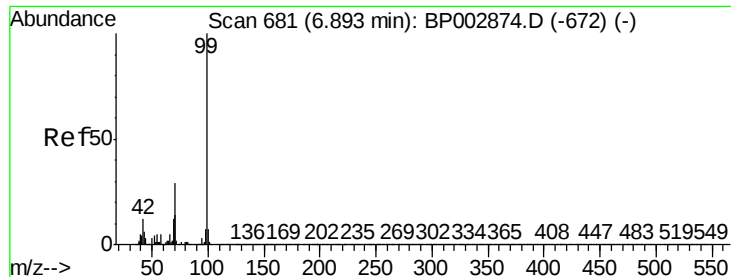


#5

2-Fluorophenol
Concen: 98.147 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.4	41.0	61.6
63	22.6	20.7	31.1





#7

Phenol-d6

Concen: 77.342 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002915.D

Acq: 06 Aug 2020 12:26

Instrument :

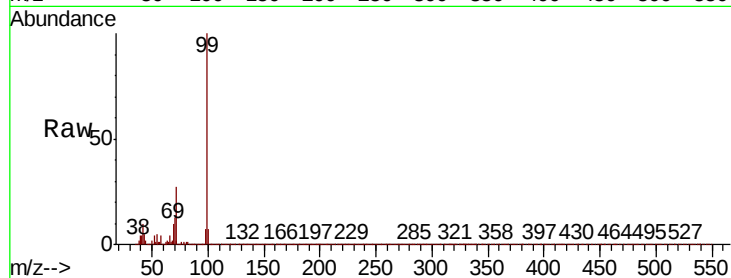
BNA_P

ClientSampleId :

CRT-012

Tot Ion: 99 Resp: 2710392

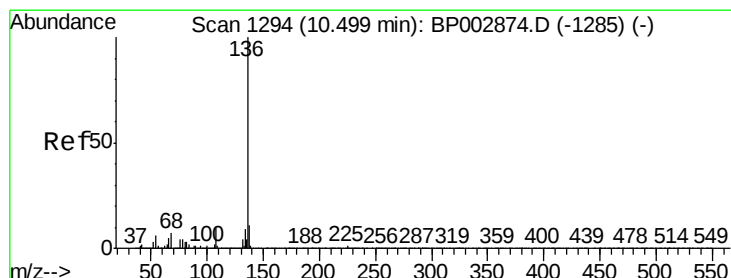
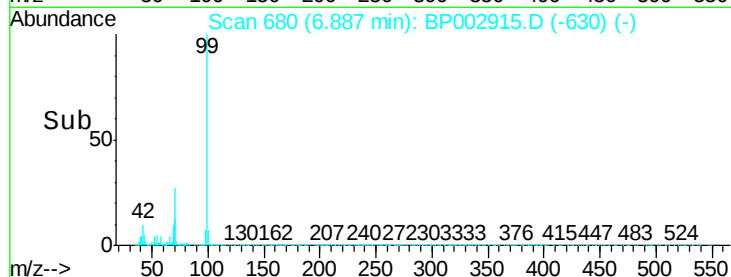
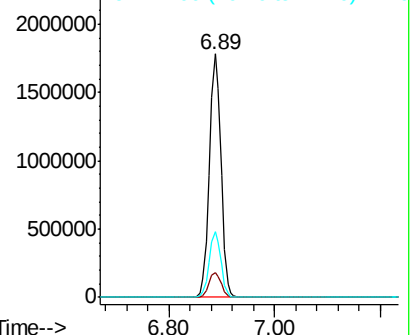
Ion	Ratio	Lower	Upper
99	100		
42	10.3	9.3	13.9
71	27.0	23.5	35.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

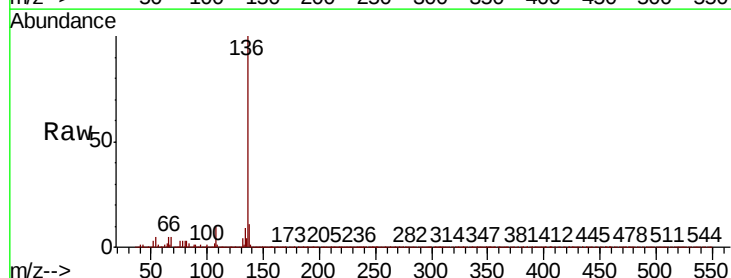
Delta R.T. -0.01 min

Lab File: BP002915.D

Acq: 06 Aug 2020 12:26

Tgt Ion: 136 Resp: 1473650

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.3	5.1	7.7
68	5.4	5.3	7.9

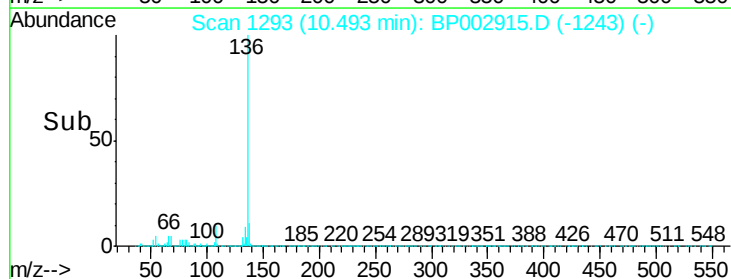
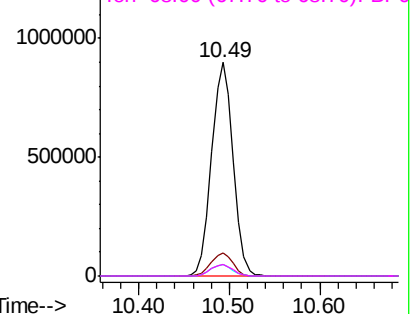


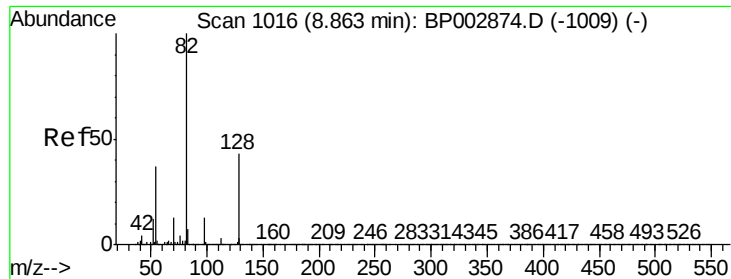
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

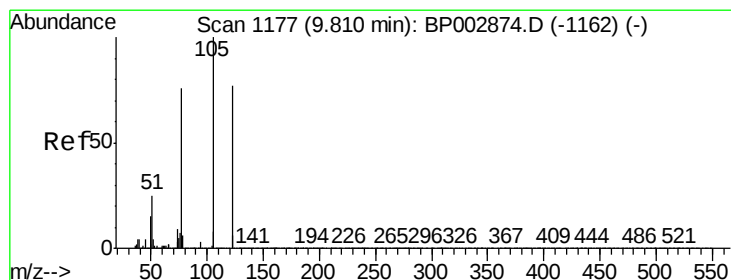
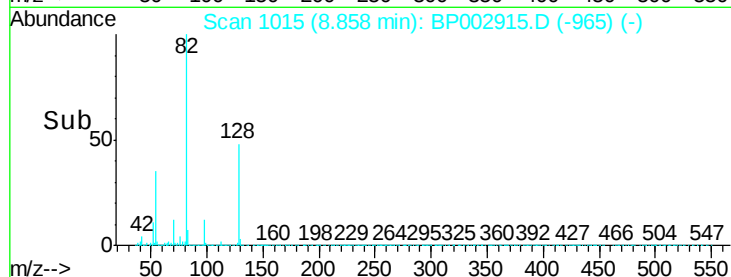
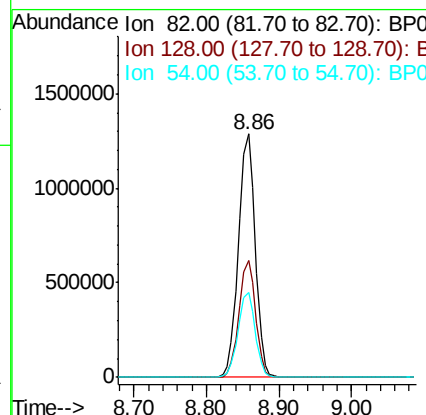
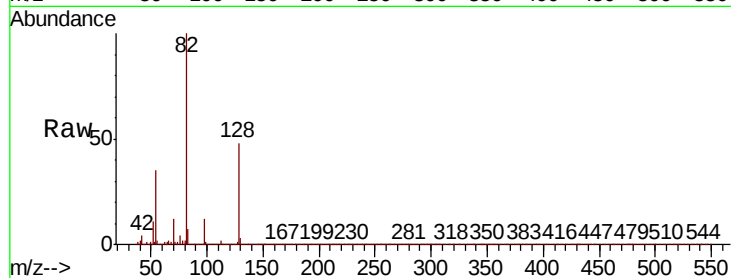




#23
Nitrobenzene-d5
Concen: 76.436 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

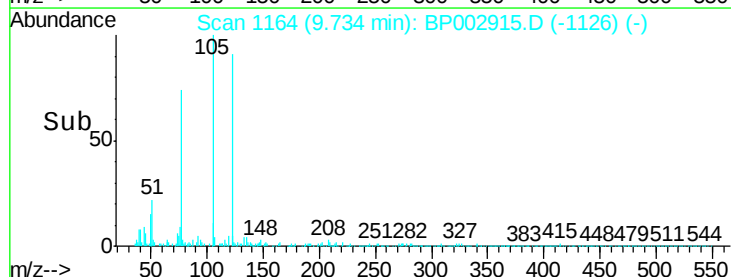
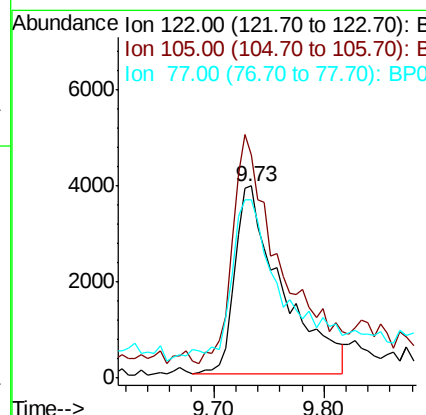
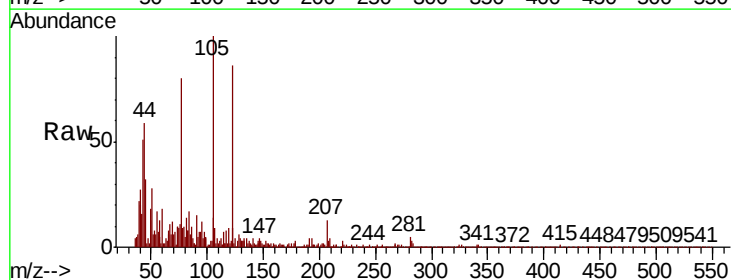
Instrument :
BNA_P
ClientSampleId :
CRT-012

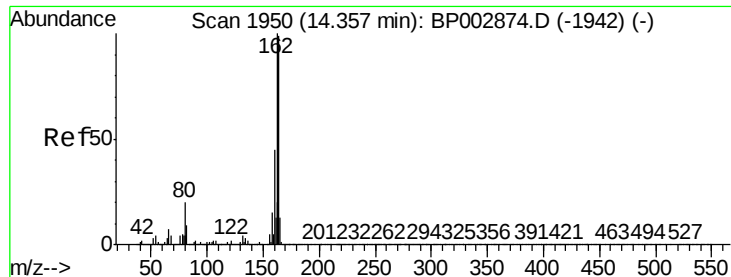
Tot Ion: 82 Resp: 2079683
Ion Ratio Lower Upper
82 100
128 48.1 34.6 52.0
54 34.7 29.5 44.3



#32
Benzoic acid
Concen: 8.411 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Tgt Ion: 122 Resp: 11821
Ion Ratio Lower Upper
122 100
105 116.3 103.4 143.4
77 93.1 74.6 114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002915.D

Acq: 06 Aug 2020 12:26

Instrument :

BNA_P

ClientSampleId :

CRT-012

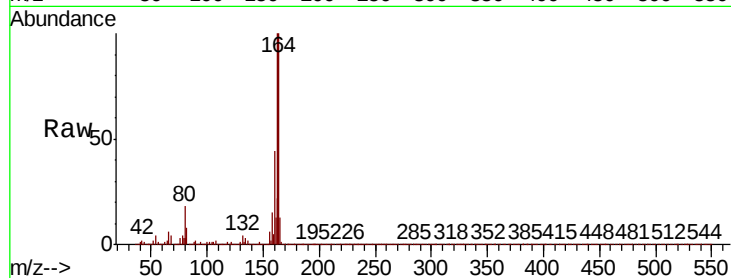
Tot Ion:164 Resp: 916540

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

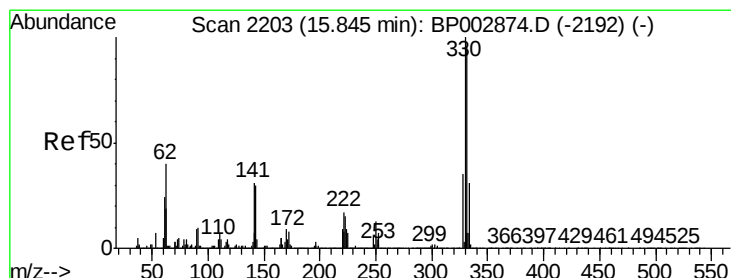
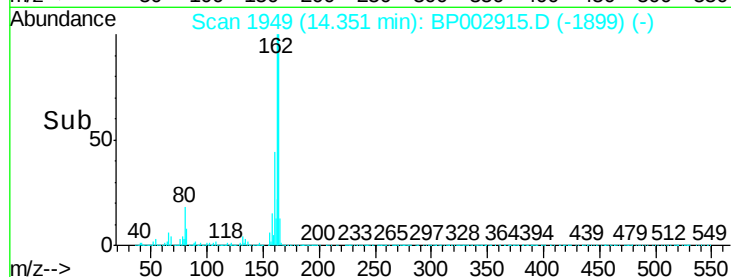
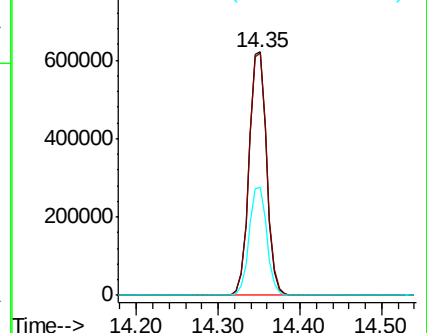
160 44.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 133.269 ng

RT: 15.84 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP002915.D

Acq: 06 Aug 2020 12:26

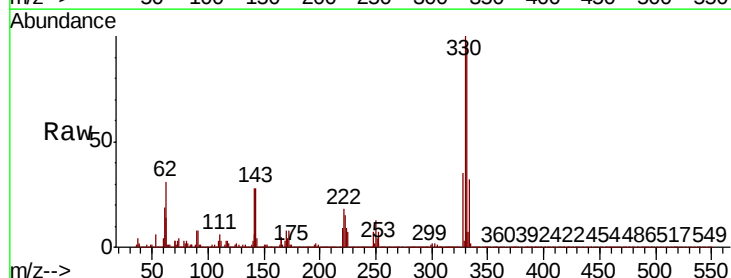
Tgt Ion:330 Resp: 1518135

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

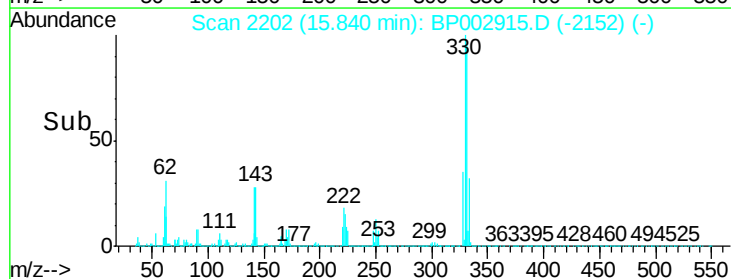
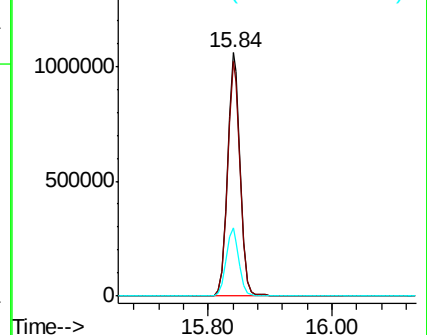
141 28.4 24.6 37.0

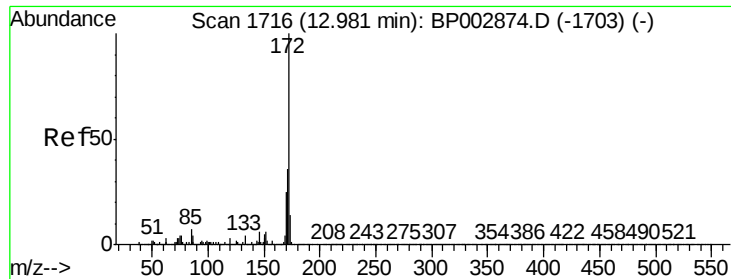


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



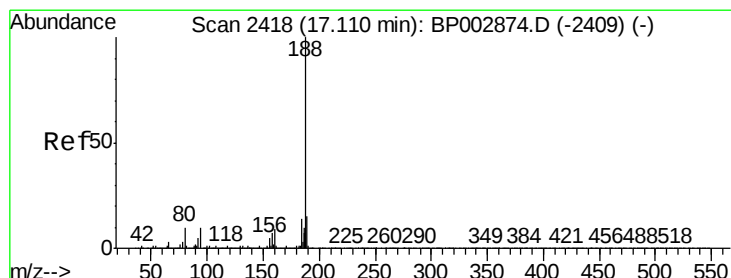
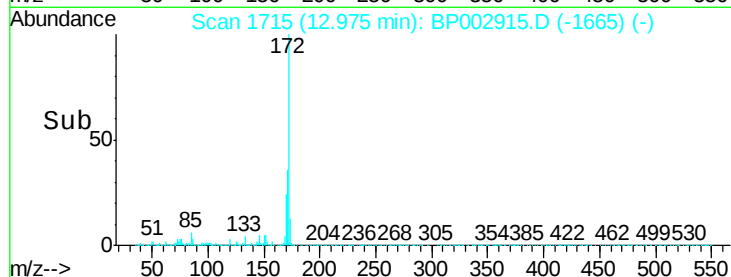
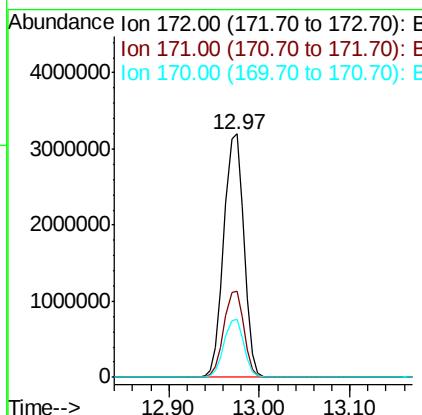
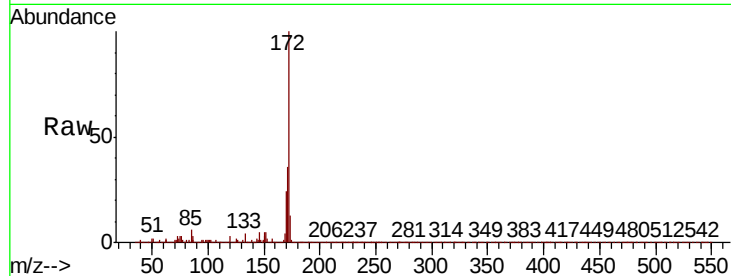


#45
 2-Fluorobiphenyl
 Concen: 73.479 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002915.D
 Acq: 06 Aug 2020 12:26

Instrument :
 BNA_P
 ClientSampleId :
 CRT-012

Tot Ion:172 Resp: 4929104

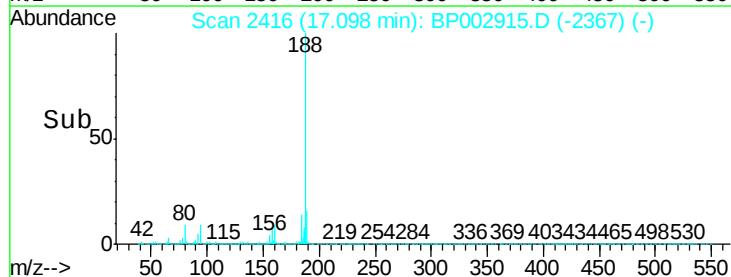
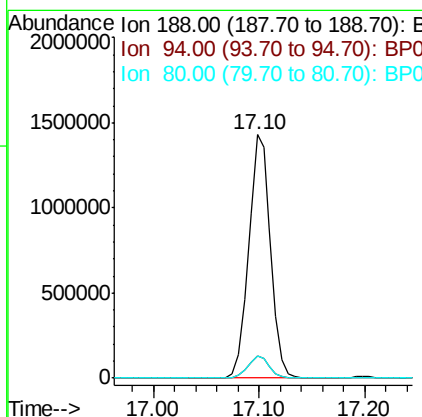
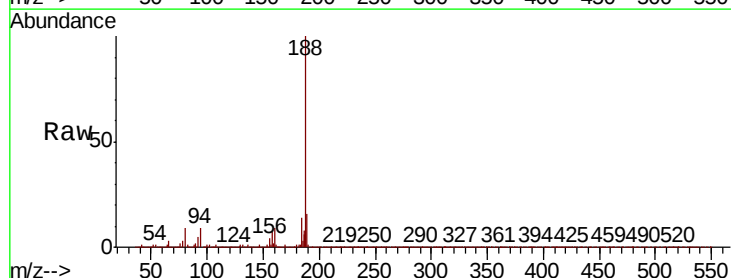
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.1	43.7
170	23.8	19.6	29.4

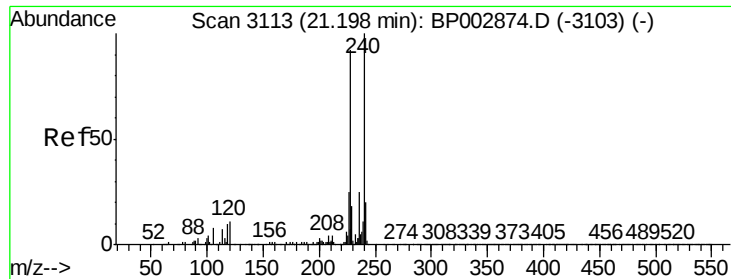


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.10 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BP002915.D
 Acq: 06 Aug 2020 12:26

Tgt Ion:188 Resp: 2038690

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.1	8.0	12.0

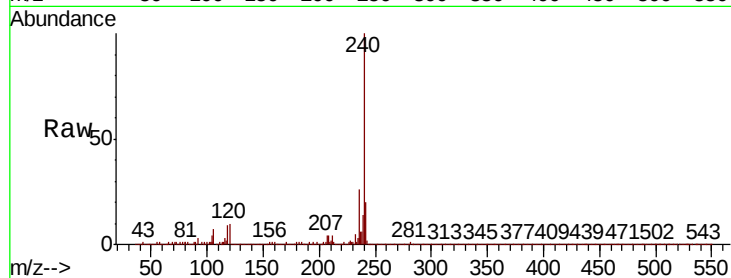




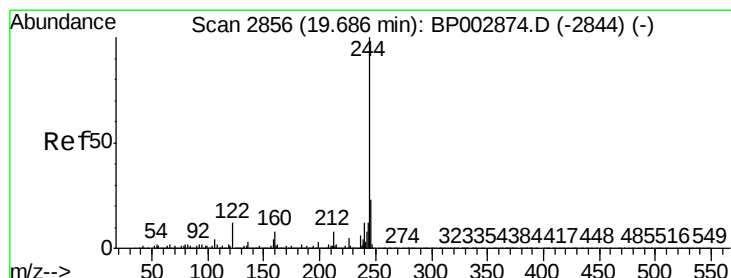
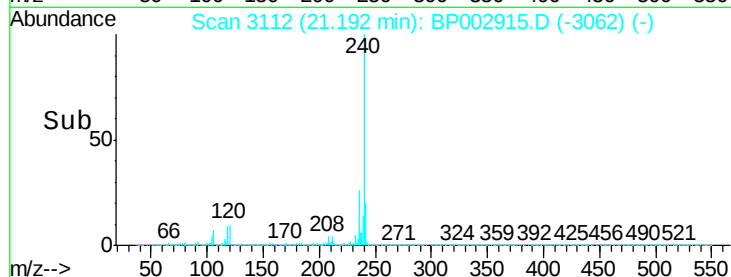
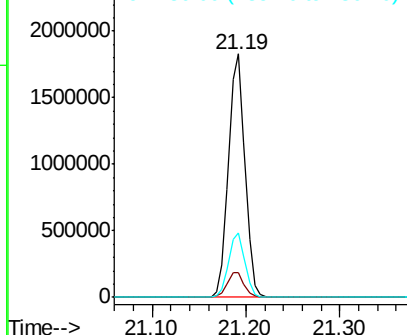
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion:240 Resp: 2226025
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.2 20.3 30.5

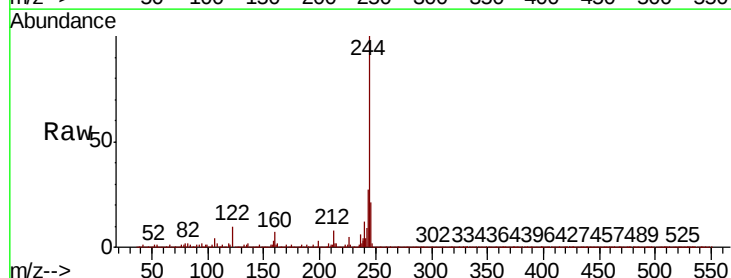


Abundance Ion 240.00 (239.70 to 240.70): E
2500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

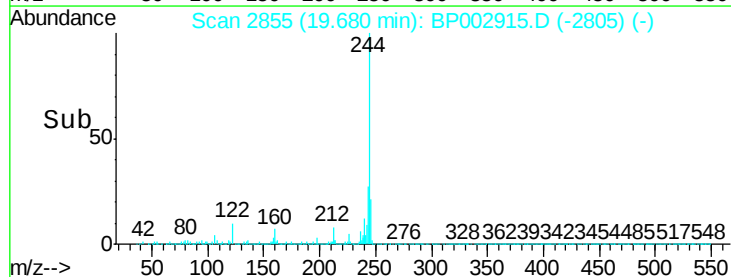
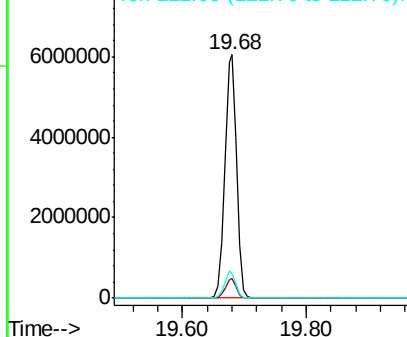


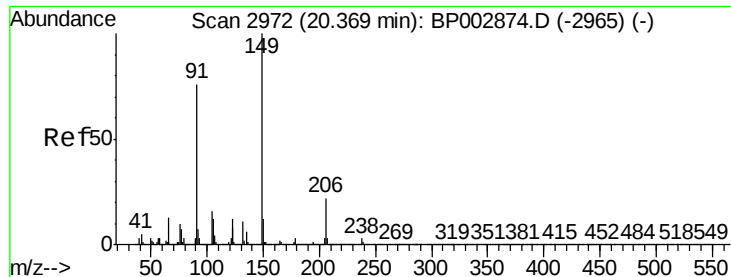
#79
Terphenyl-d14
Concen: 73.146 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Tgt Ion:244 Resp: 8133285
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 10.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
8000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

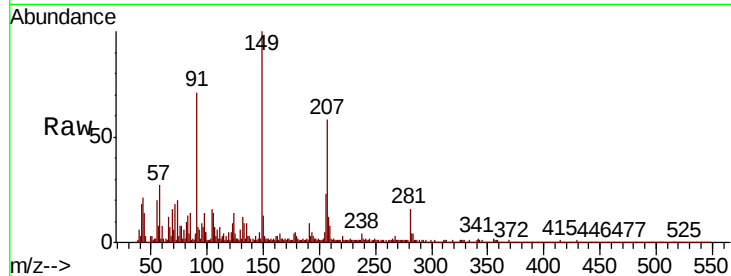




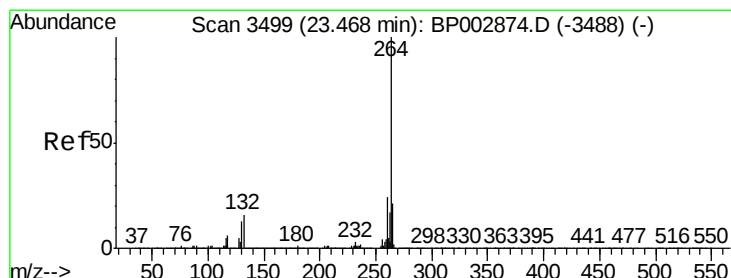
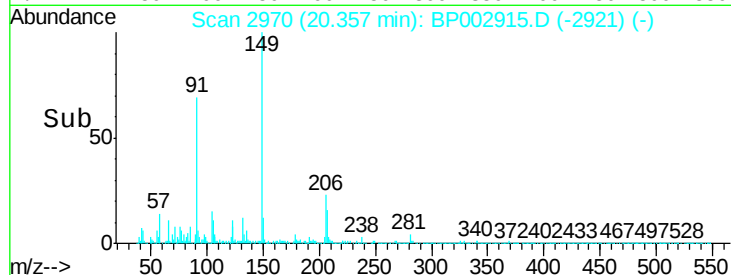
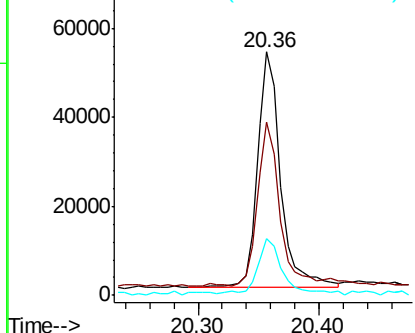
#80
Butylbenzylphthalate
Concen: 4.097 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Instrument :
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ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	60.5	90.7
206	23.3	17.5	26.3

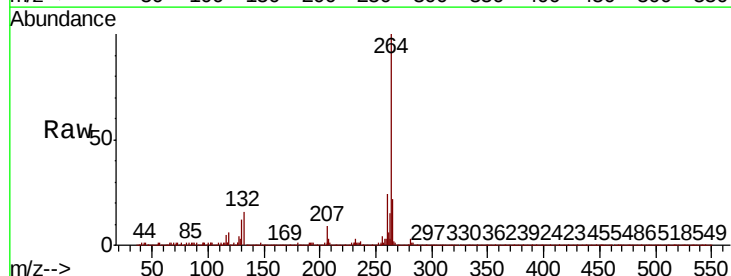


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E

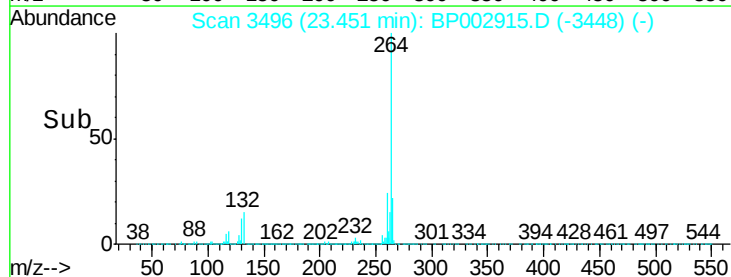
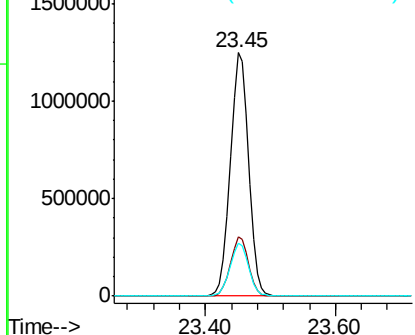


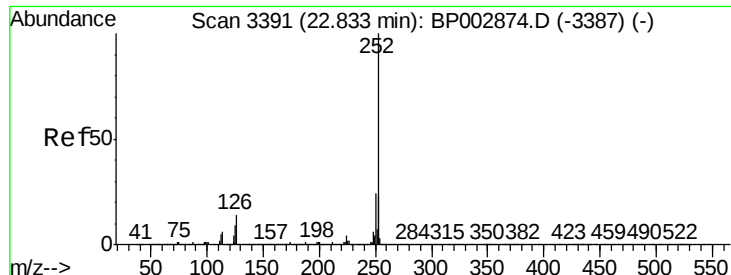
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002915.D
Acq: 06 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.9	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.006 ng

RT: 22.82 min Scan# 3388

Delta R.T. -0.02 min

Lab File: BP002915.D

Acq: 06 Aug 2020 12:26

Instrument :

BNA_P

ClientSampleId :

CRT-012

Tot Ion:252 Resp: 325645

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 12.5 7.5 11.3#

