

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003828.D
 Acq On : 05 Nov 2020 19:16
 Operator : CG/JU
 Sample : L4641-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P0102-CAS001-0002-01

Quant Time: Nov 05 23:57:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

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

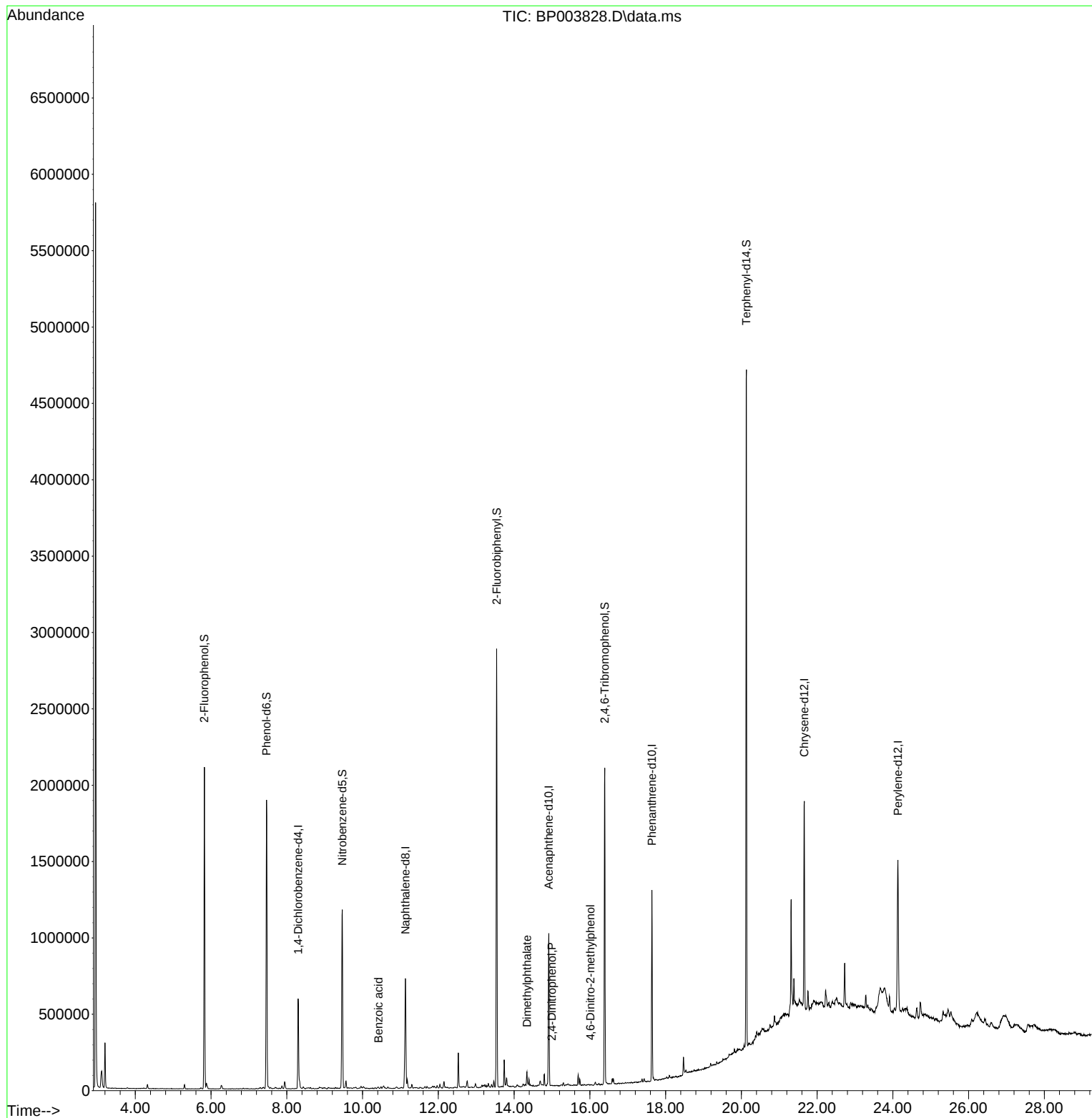
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	155393	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	578210	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	339508	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	715874	20.00	ng	0.00
76) Chrysene-d12	21.663	240	699560	20.00	ng	0.01
86) Perylene-d12	24.133	264	748519	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	852518	91.56	ng	0.01
7) Phenol-d6	7.463	99	1061177	79.40	ng	0.00
23) Nitrobenzene-d5	9.463	82	664881	56.32	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	393652	92.70	ng	0.00
45) 2-Fluorobiphenyl	13.539	172	1417830	58.38	ng	0.00
79) Terphenyl-d14	20.133	244	1881508	51.96	ng	0.01
Target Compounds						
9) Benzaldehyde	7.387	77	1911	Below Cal	#	1
32) Benzoic acid	10.422	122	84	8.32	ng	# 35
50) Dimethylphthalate	14.339	163	61675	2.32	ng	98
54) 2,4-Dinitrophenol	14.992	184	15	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	24	6.35	ng	# 1

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

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P0102-CAS001-0002-01

Quant Time: Nov 05 23:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

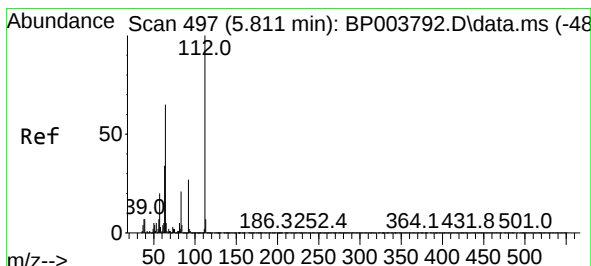
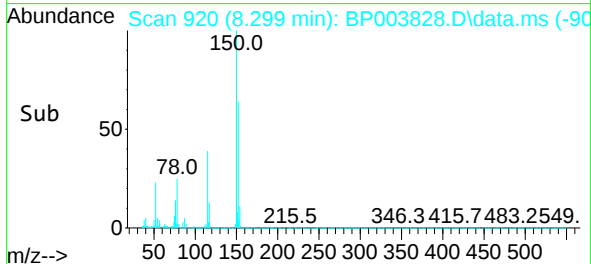
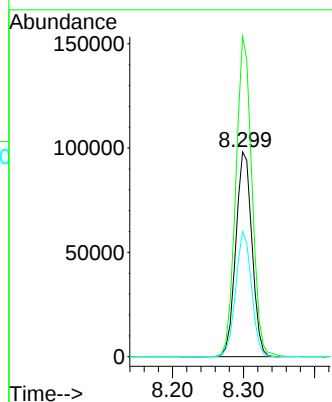
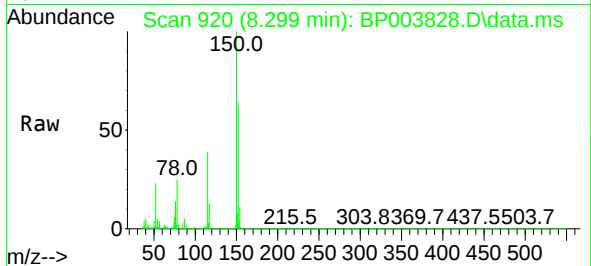




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.299 min Scan# 920
Delta R.T. 0.006 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

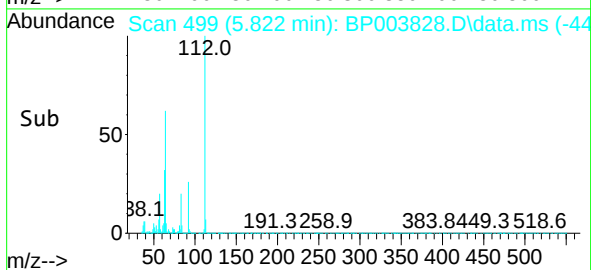
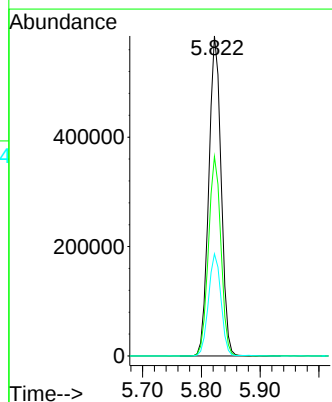
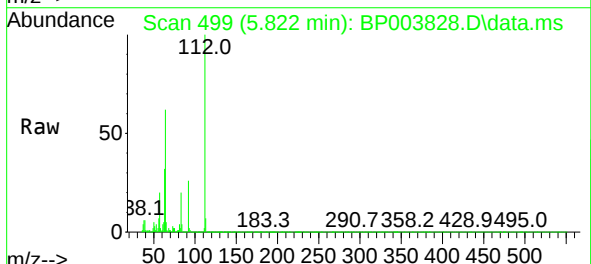
Instrument :
BNA_P
ClientSampleId :
P0102-CAS001-0002-01

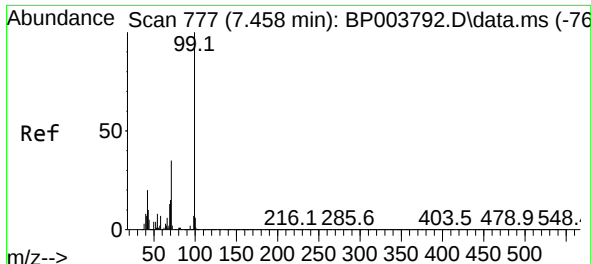
Tgt Ion:152 Resp: 155393
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 61.1 43.8 65.6



#5
2-Fluorophenol
Concen: 91.56 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.011 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:112 Resp: 852518
Ion Ratio Lower Upper
112 100
64 62.3 32.8 49.2#
63 31.9 17.0 25.4#

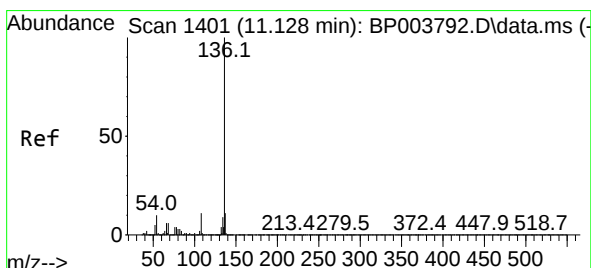
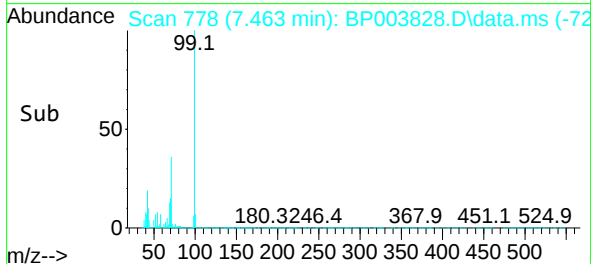
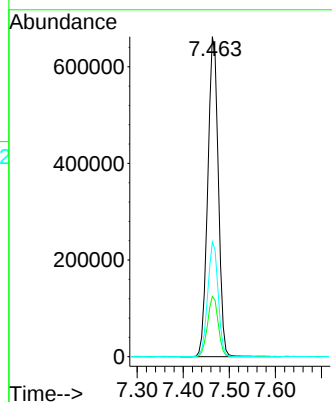
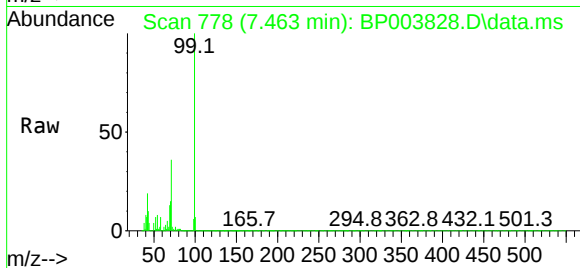




#7
Phenol-d6
Concen: 79.40 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

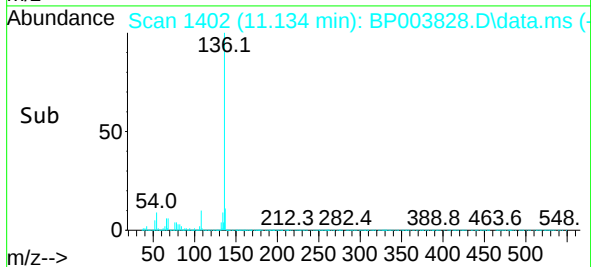
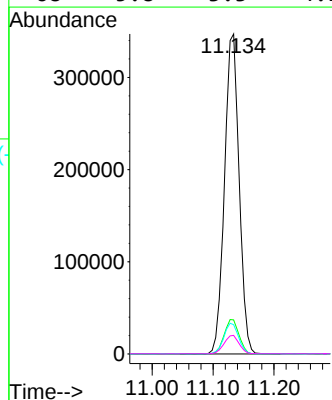
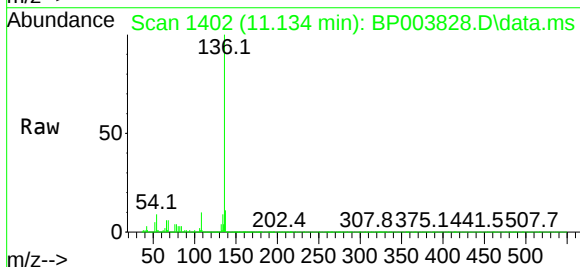
Instrument :
BNA_P
ClientSampleId :
P0102-CAS001-0002-01

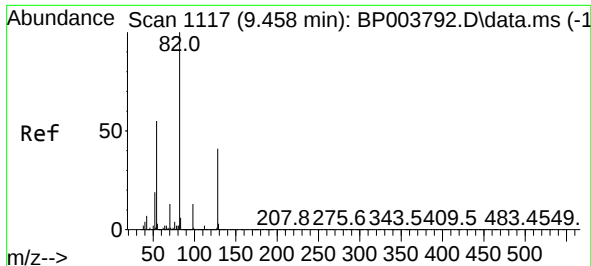
Tgt Ion: 99 Resp: 1061177
Ion Ratio Lower Upper
99 100
42 18.9 8.6 13.0#
71 35.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion: 136 Resp: 578210
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 3.6 5.4#
68 5.8 3.3 4.9#

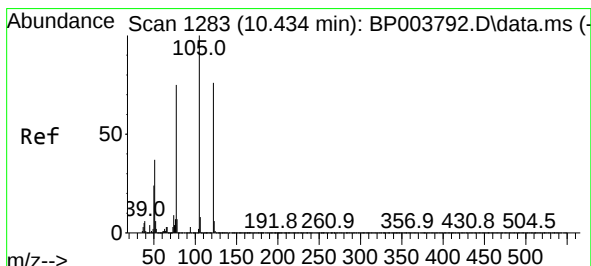
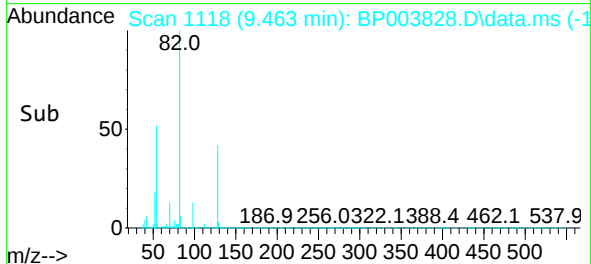
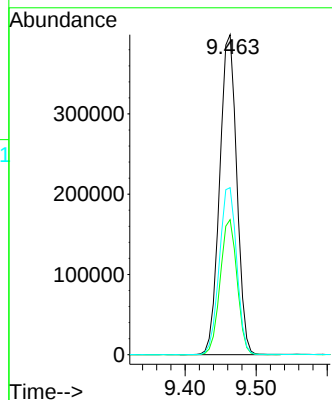
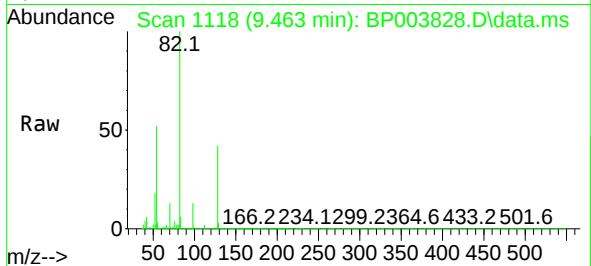




#23
Nitrobenzene-d5
Concen: 56.32 ng
RT: 9.463 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

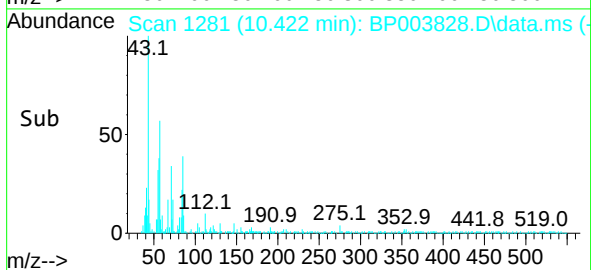
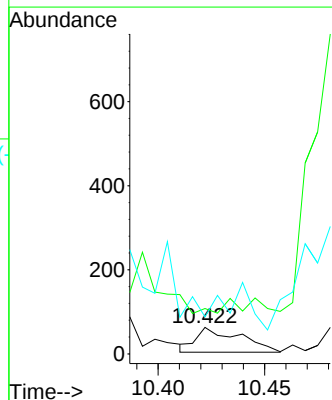
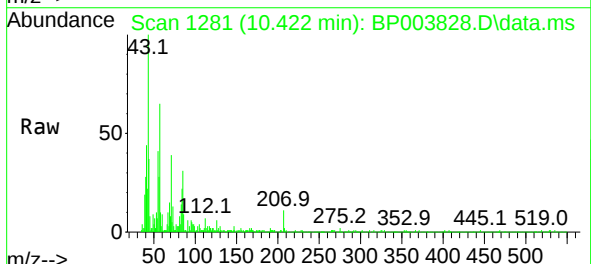
Instrument :
BNA_P
ClientSampleId :
P0102-CAS001-0002-01

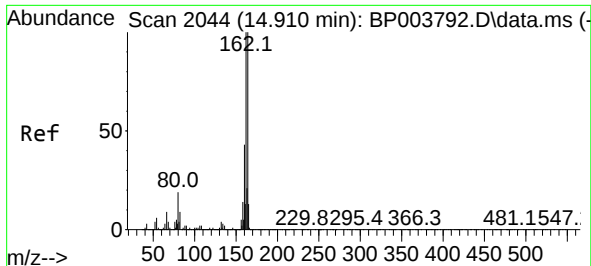
Tgt Ion: 82 Resp: 664881
Ion Ratio Lower Upper
82 100
128 42.2 45.6 68.4#
54 52.2 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion: 122 Resp: 84
Ion Ratio Lower Upper
122 100
105 171.4 94.1 134.1#
77 139.7 50.1 90.1#

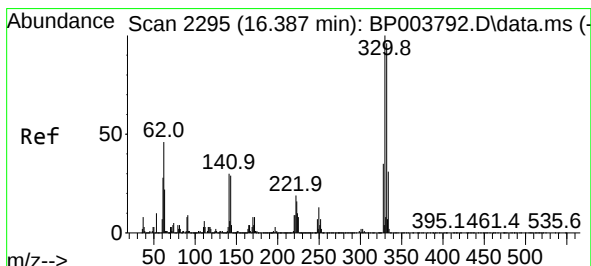
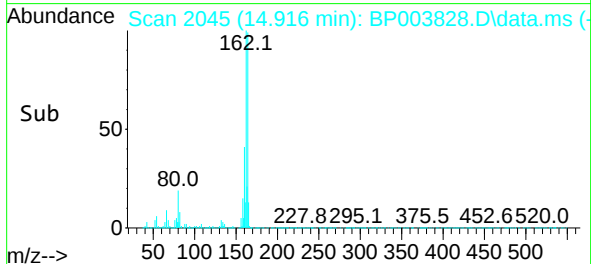
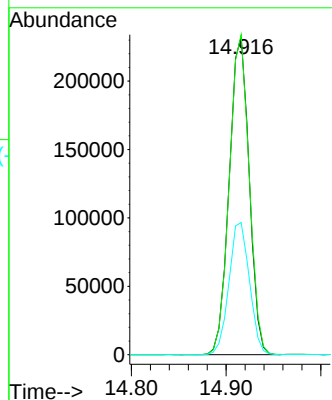
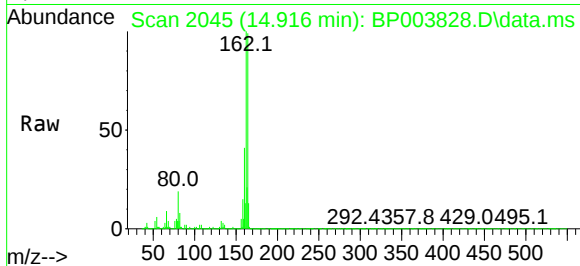




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

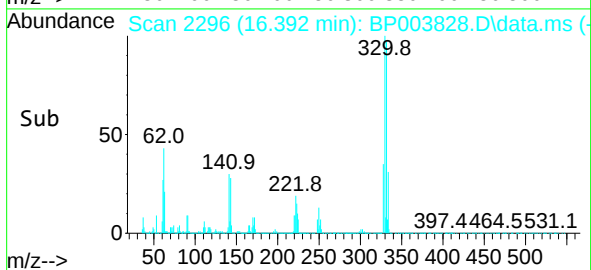
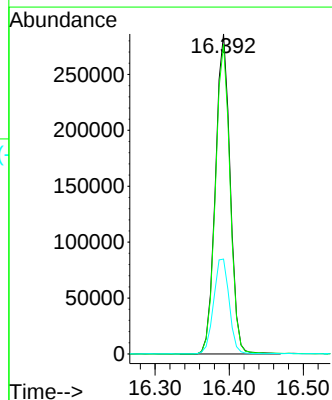
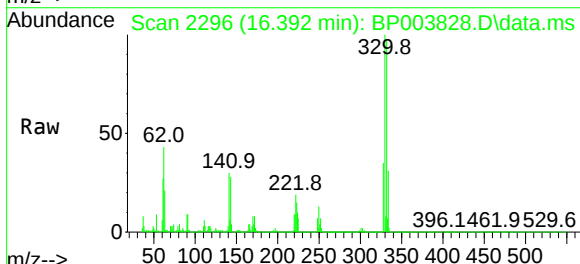
Instrument :
BNA_P
ClientSampleId :
P0102-CAS001-0002-01

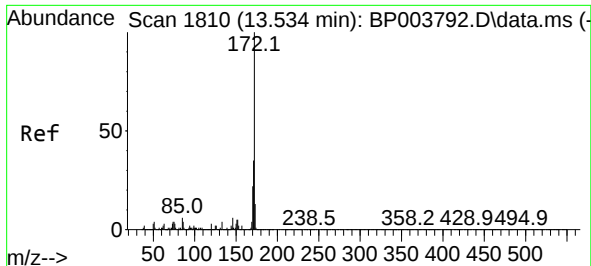
Tgt Ion:164 Resp: 339508
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 41.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.70 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.005 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:330 Resp: 393652
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.3 23.4 35.2

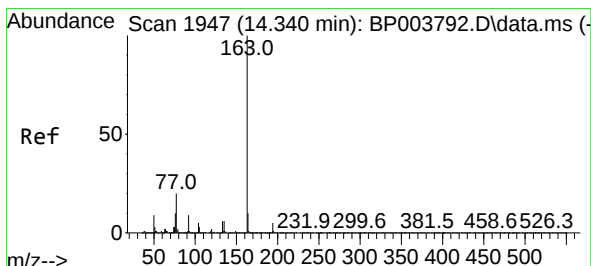
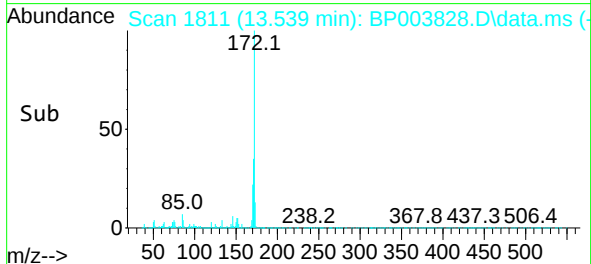
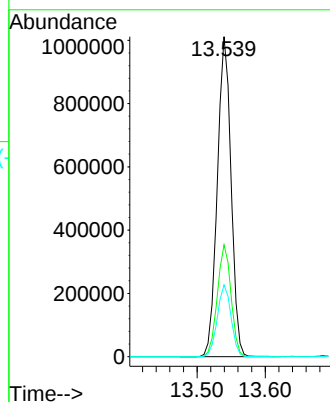
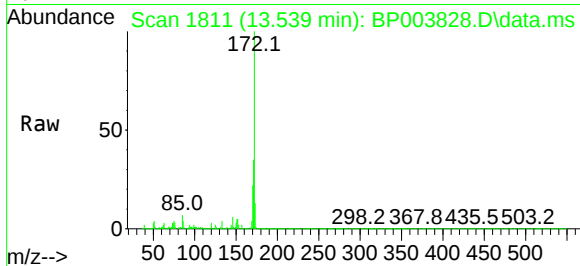




#45
2-Fluorobiphenyl
Concen: 58.38 ng
RT: 13.539 min Scan# 1811
Delta R.T. 0.005 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

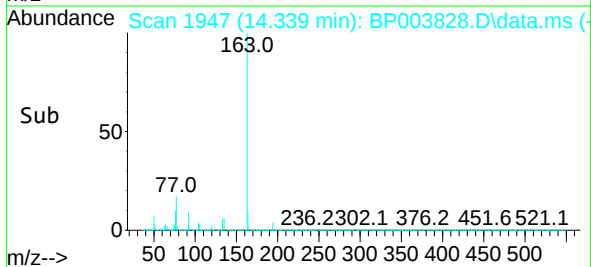
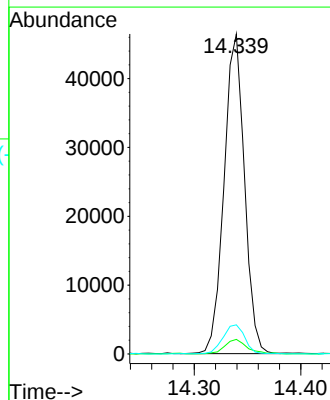
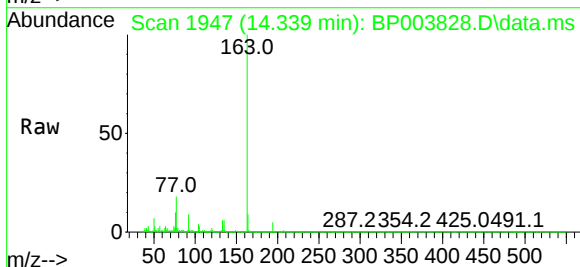
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ClientSampleId :
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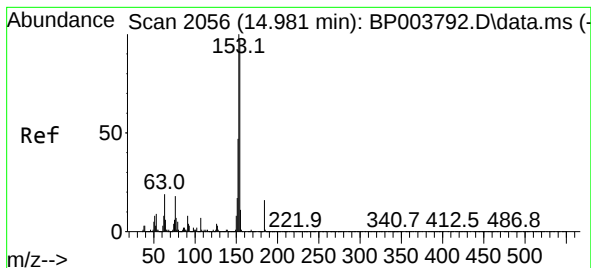
Tgt Ion:172 Resp: 1417830
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 2.32 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:163 Resp: 61675
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.1 8.2 12.2

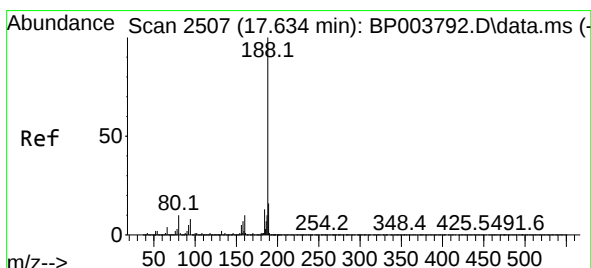
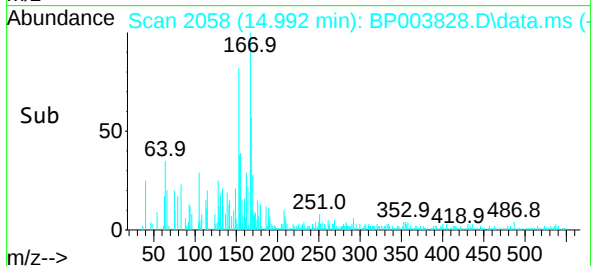
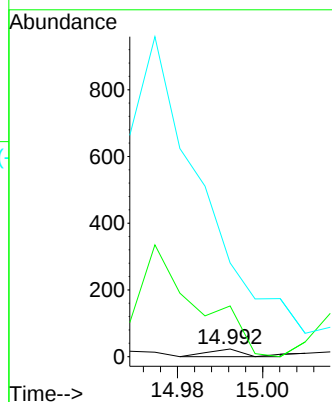
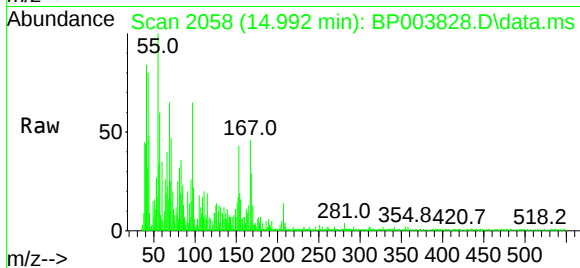




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.011 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

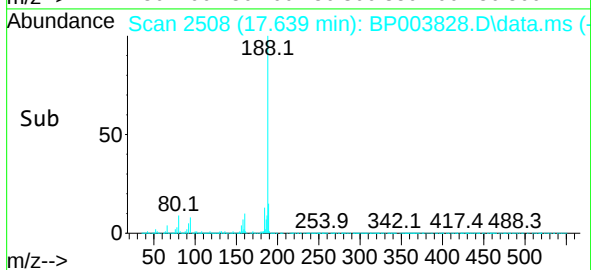
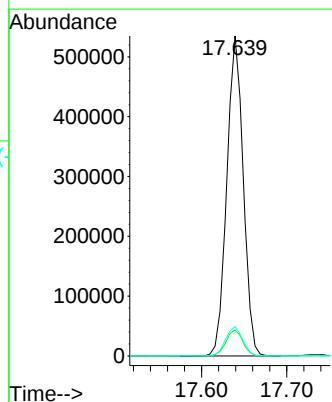
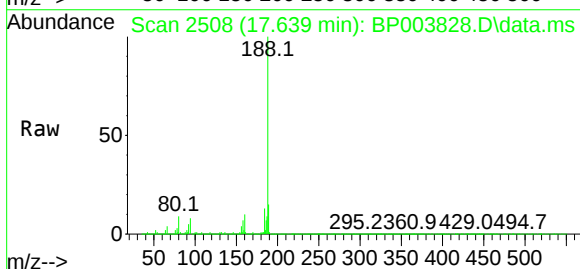
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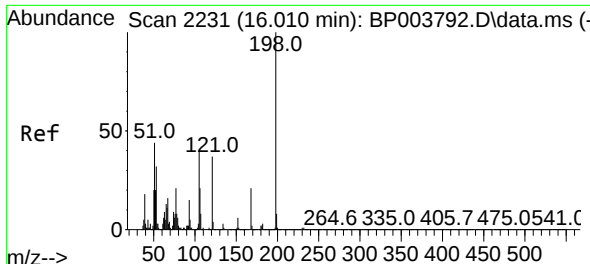
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 660.9 32.3 48.5#
154 1617.4 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:188 Resp: 715874
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.1 6.2 9.2

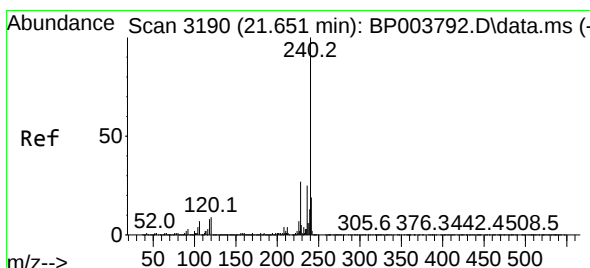
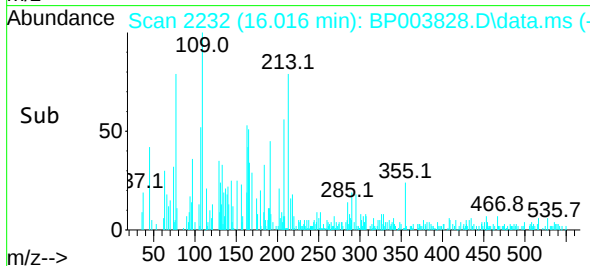
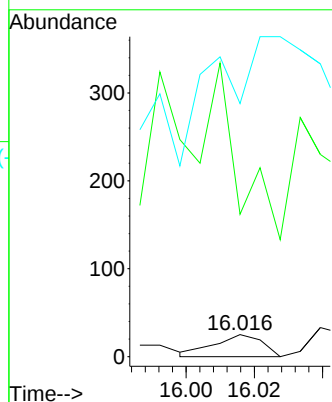
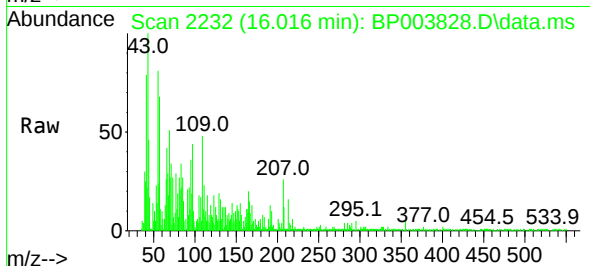




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

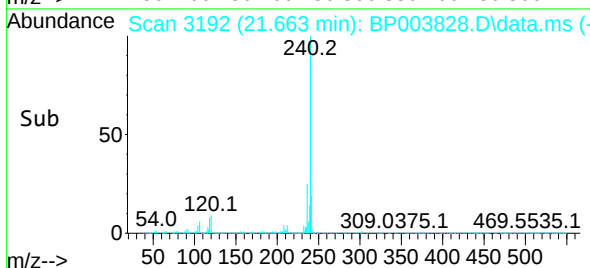
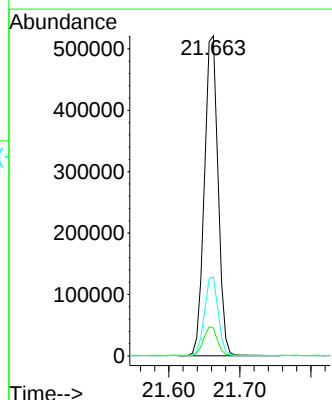
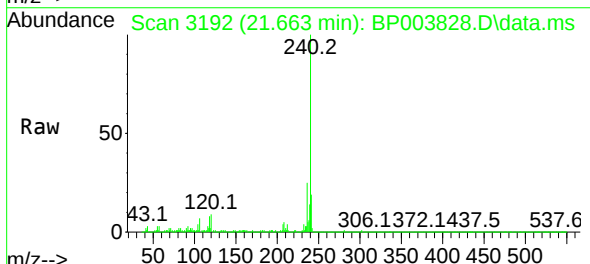
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BNA_P
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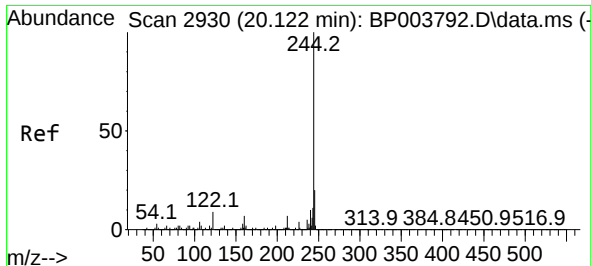
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 648.0 6.4 46.4#
105 1152.0 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.012 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:240 Resp: 699560
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 24.7 20.8 31.2

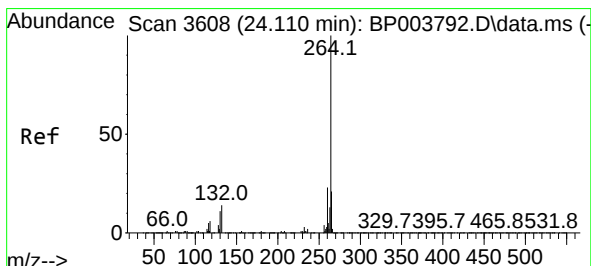
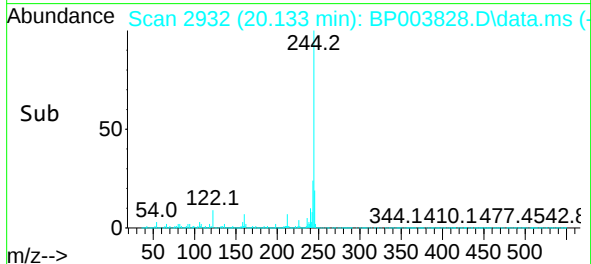
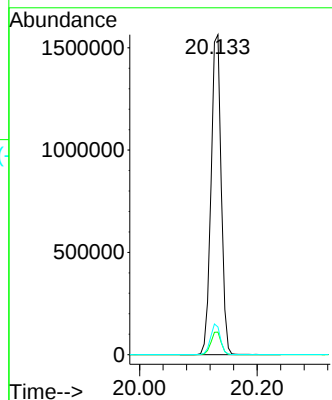
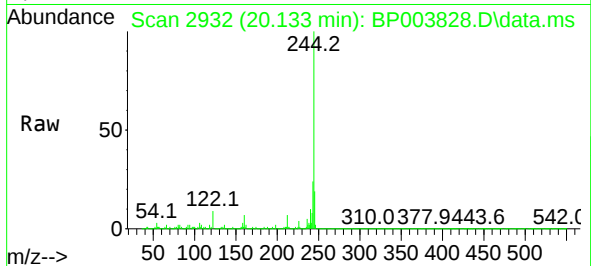




#79
Terphenyl-d14
Concen: 51.96 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.011 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Instrument :
BNA_P
ClientSampleId :
P0102-CAS001-0002-01

Tgt Ion:244 Resp: 1881508
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.6 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.023 min
Lab File: BP003828.D
Acq: 05 Nov 2020 19:16

Tgt Ion:264 Resp: 748519
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.9 17.4 26.2

