

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
 Data File : BP004588.D
 Acq On : 15 Jan 2021 21:44
 Operator : CG/JU
 Sample : M1124-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-231

Quant Time: Jan 15 22:45:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

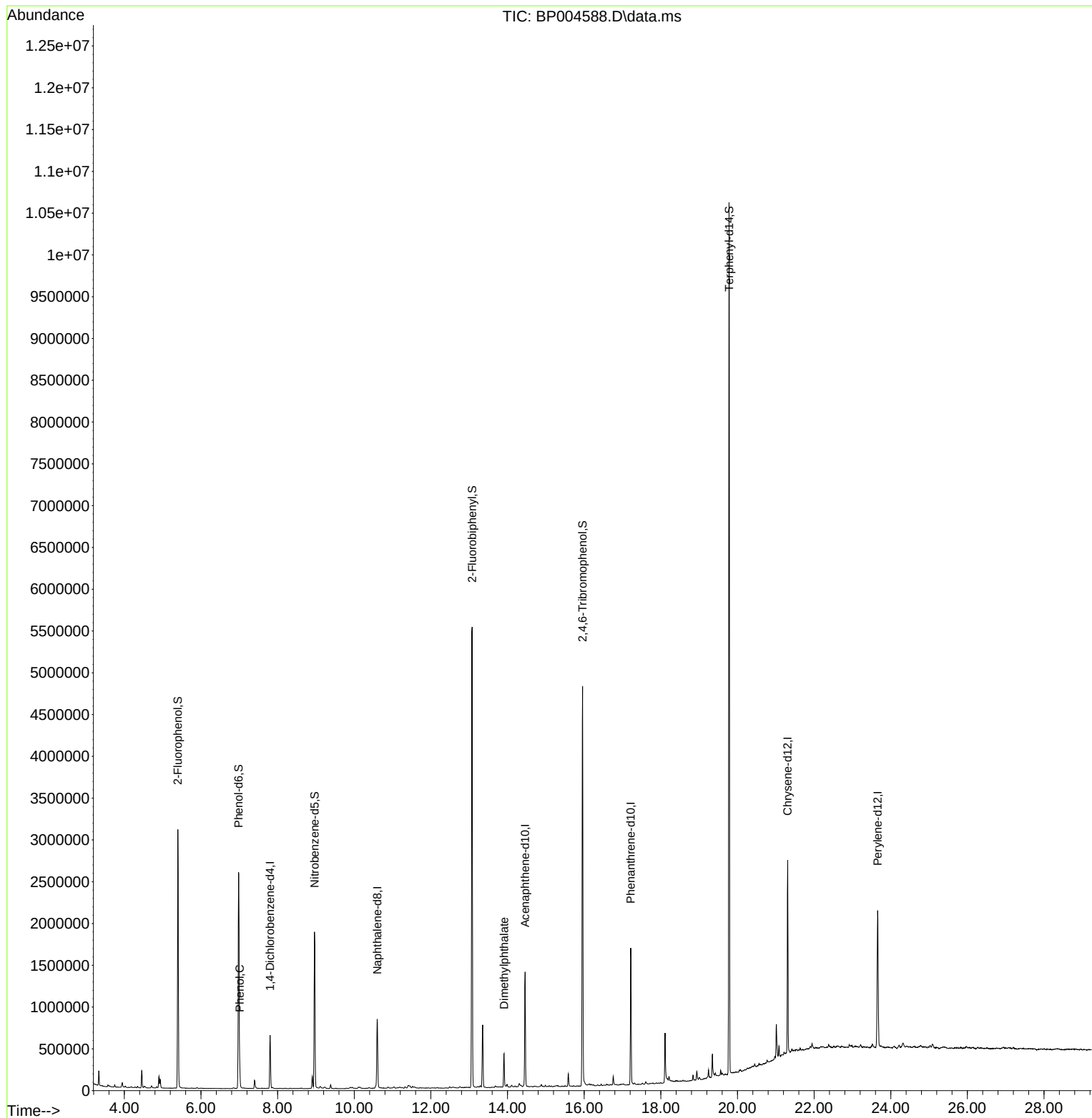
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	193148	20.00	ng	-0.01
21) Naphthalene-d8	10.599	136	753787	20.00	ng	#-0.01
39) Acenaphthene-d10	14.457	164	476404	20.00	ng	-0.01
64) Phenanthrene-d10	17.216	188	1061025	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	1140341	20.00	ng	-0.01
86) Perylene-d12	23.657	264	1230668	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1548638	139.75	ng	0.00
7) Phenol-d6	6.981	99	1777398	117.10	ng	0.00
23) Nitrobenzene-d5	8.963	82	1139533	85.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	1120897	135.33	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3115965	85.03	ng	0.00
79) Terphenyl-d14	19.780	244	4858681	77.84	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.981	77	4708	Below Cal	#	4
10) Phenol	7.010	94	153759	10.57	ng	95
41) Hexachlorocyclopentadiene	12.651	237	56	Below Cal		87
50) Dimethylphthalate	13.910	163	299515	7.59	ng	99
54) 2,4-Dinitrophenol	14.581	184	34	Below Cal	#	1

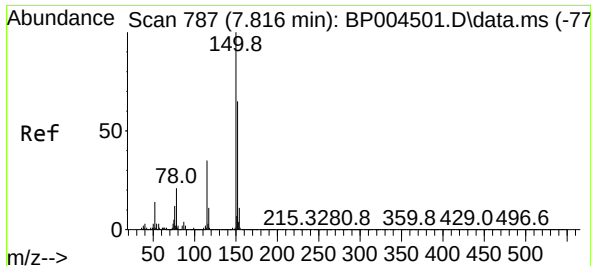
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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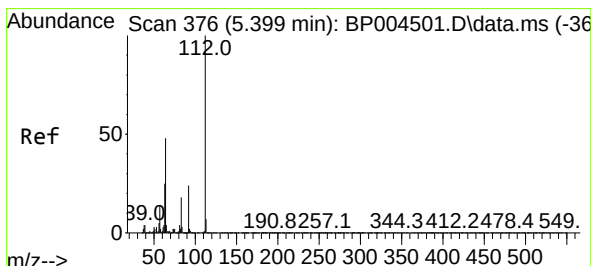
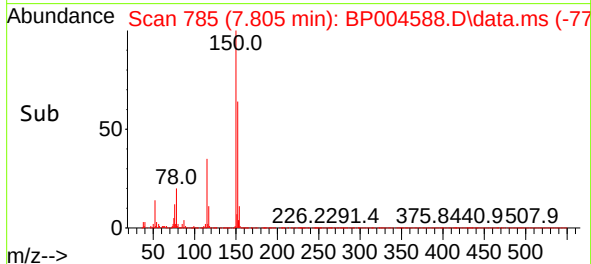
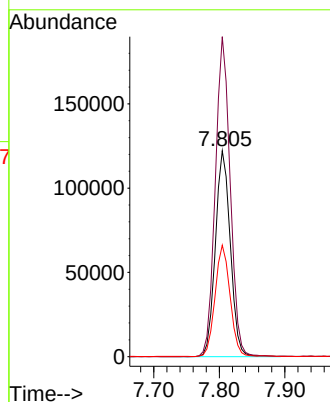
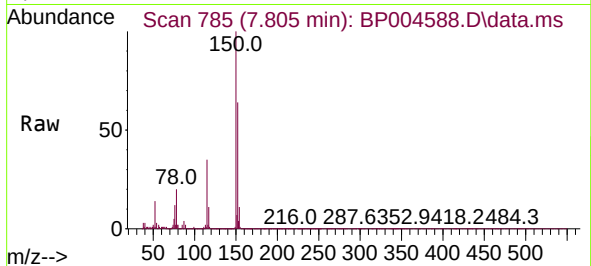




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.805 min Scan# 785
Delta R.T. -0.011 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

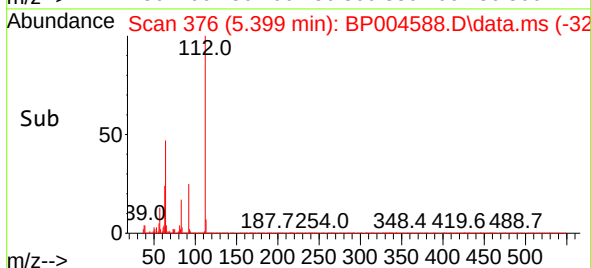
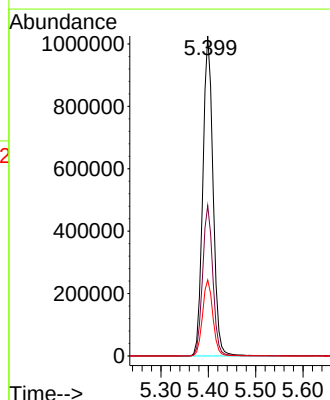
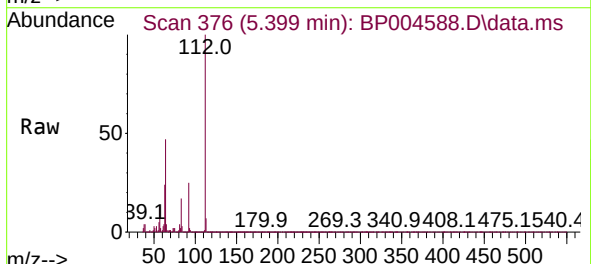
Instrument :
BNA_P
ClientSampleId :
VNJ-231

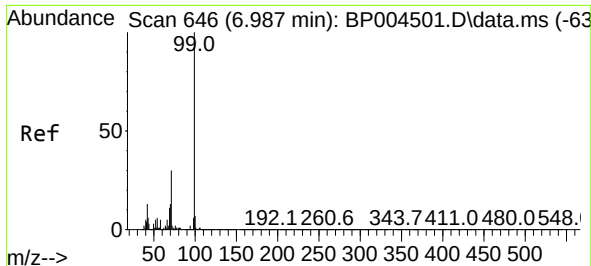
Tgt Ion:152 Resp: 193148
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 54.2 43.8 65.6



#5
2-Fluorophenol
Concen: 139.75 ng
RT: 5.399 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion:112 Resp: 1548638
Ion Ratio Lower Upper
112 100
64 47.0 32.8 49.2
63 23.8 17.0 25.4



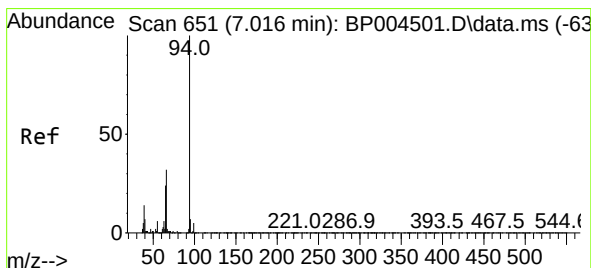
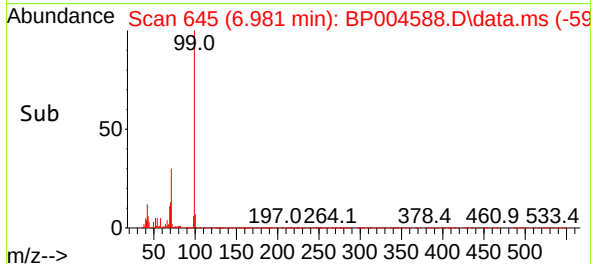
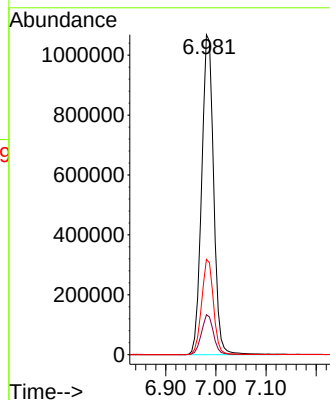
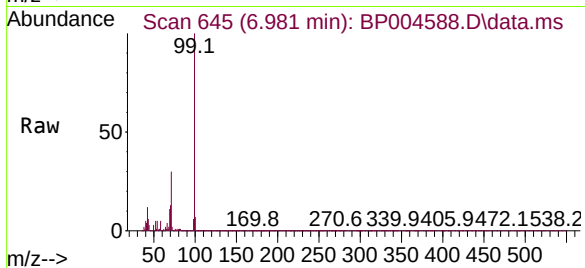


#7
Phenol-d6
Concen: 117.10 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 1777398

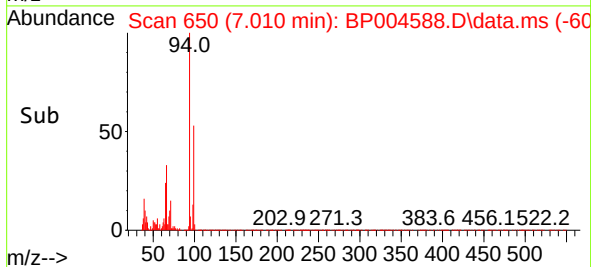
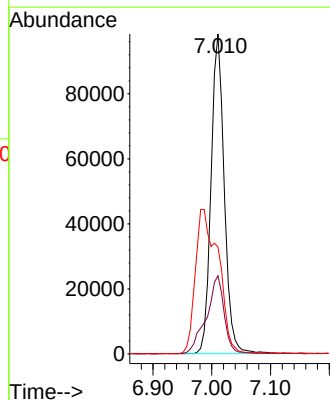
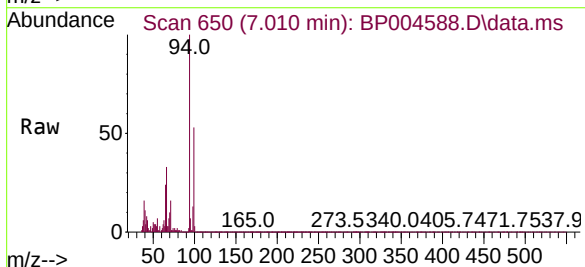
Ion	Ratio	Lower	Upper
99	100		
42	12.5	8.6	13.0
71	29.8	23.4	35.2

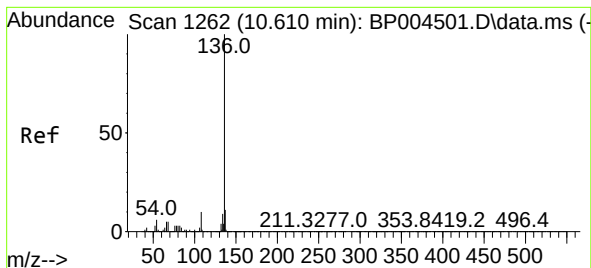


#10
Phenol
Concen: 10.57 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion: 94 Resp: 153759

Ion	Ratio	Lower	Upper
94	100		
65	24.4	2.3	42.3
66	33.4	10.9	50.9

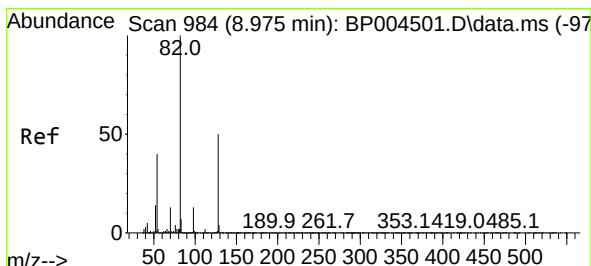
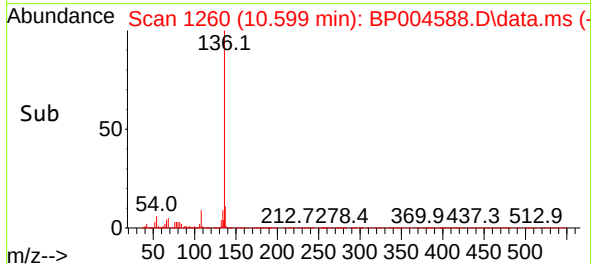
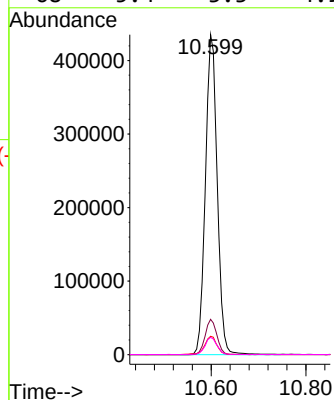
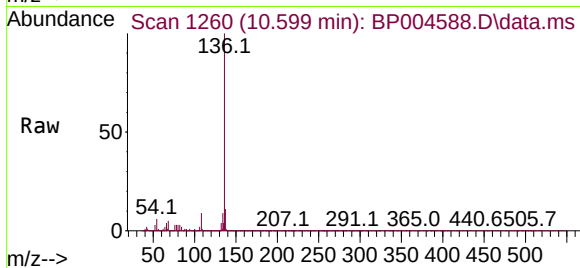




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.599 min Scan# 1260
Delta R.T. -0.011 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

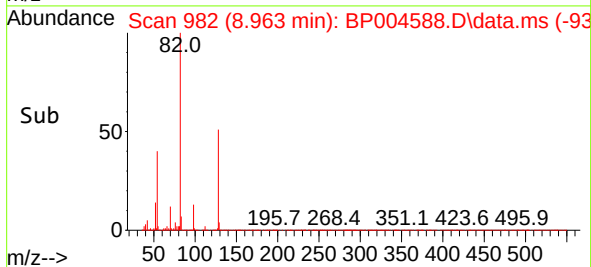
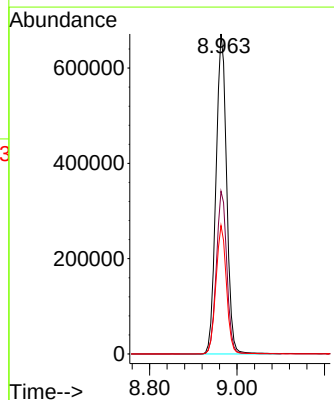
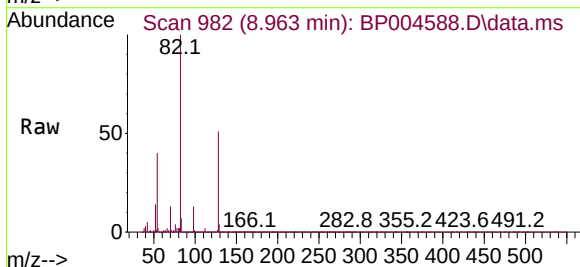
Instrument :
BNA_P
ClientSampled :
VNJ-231

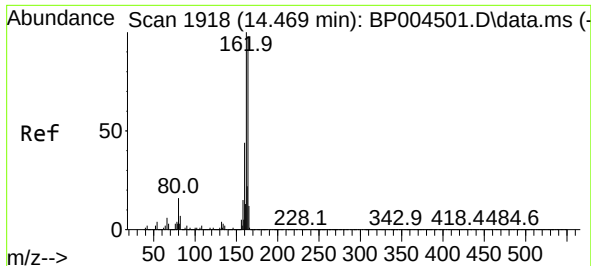
Tgt Ion:	136	Resp:	753787
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 85.47 ng
RT: 8.963 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion:	82	Resp:	1139533
Ion Ratio	Lower	Upper	
82	100		
128	50.8	45.6	68.4
54	40.1	30.1	45.1

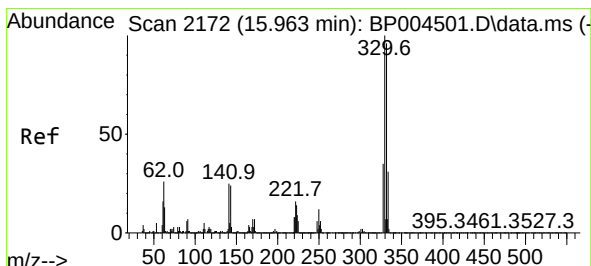
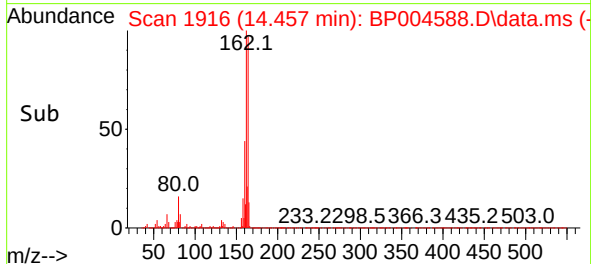
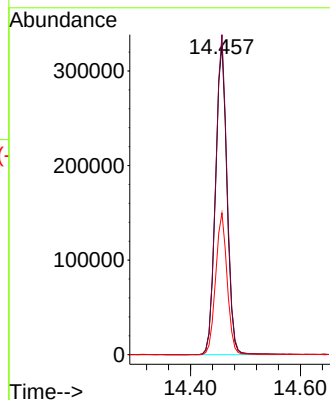
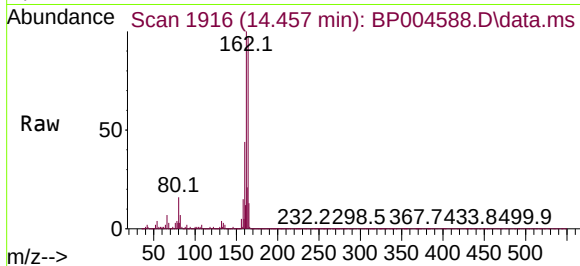




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

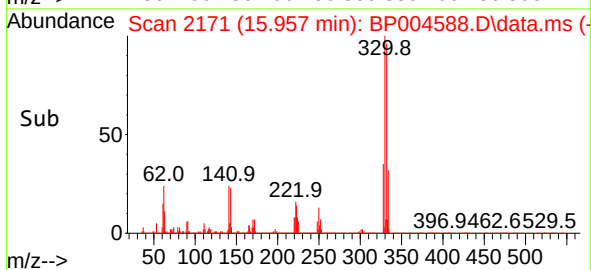
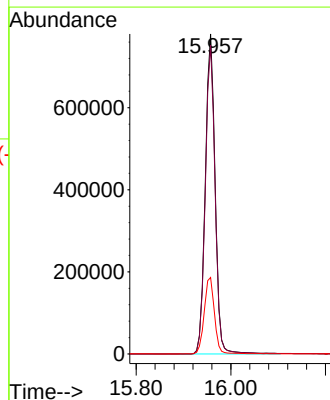
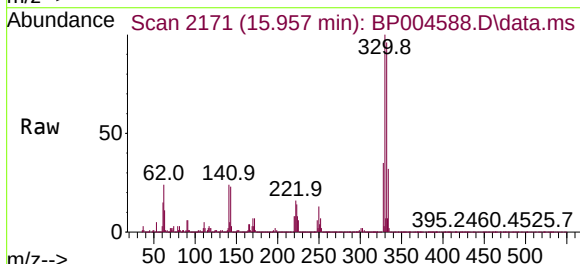
Instrument :
BNA_P
ClientSampleId :
VNJ-231

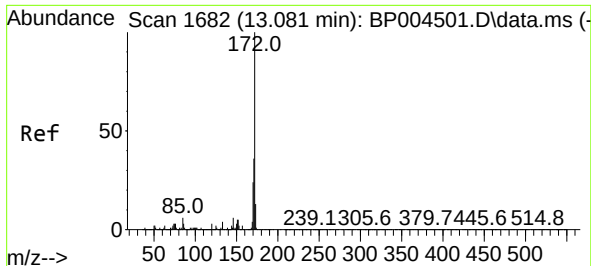
Tgt Ion:164 Resp: 476404
Ion Ratio Lower Upper
164 100
162 103.3 79.4 119.2
160 45.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 135.33 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion:330 Resp: 1120897
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 25.1 23.4 35.2

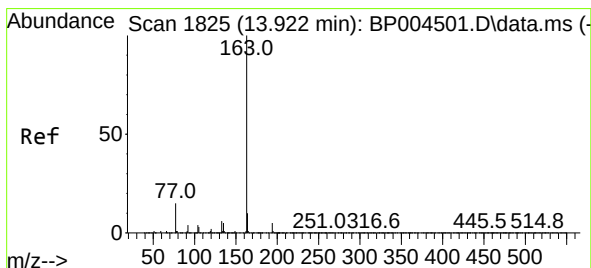
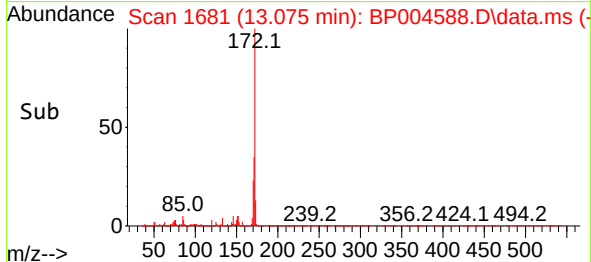
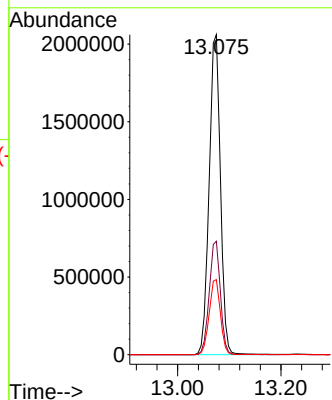
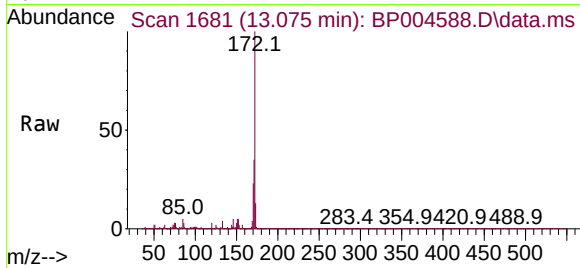




#45
2-Fluorobiphenyl
Concen: 85.03 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

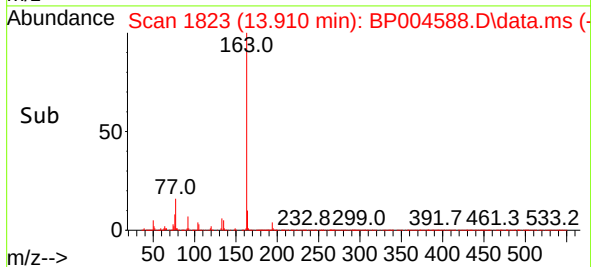
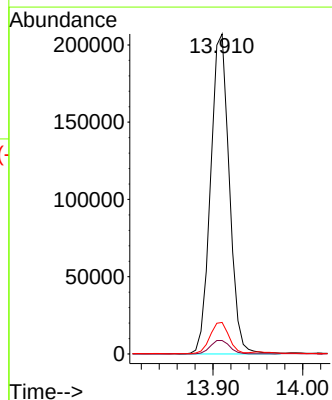
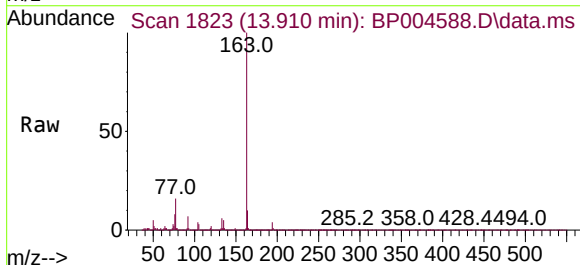
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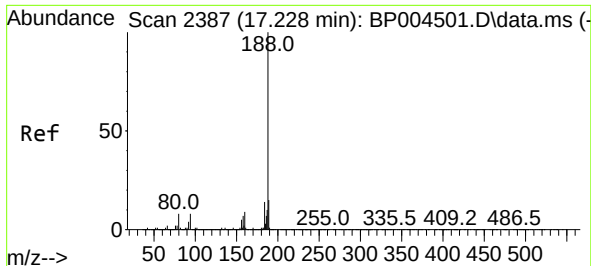
Tgt Ion:172 Resp: 3115965
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 7.59 ng
RT: 13.910 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion:163 Resp: 299515
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2

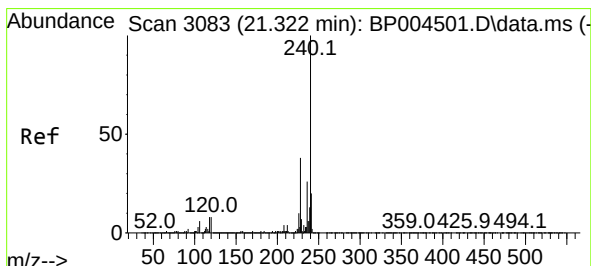
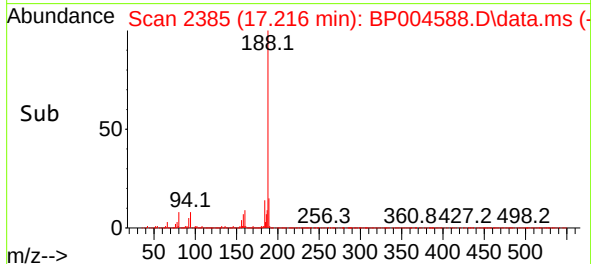
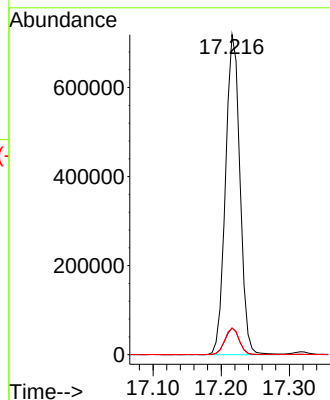
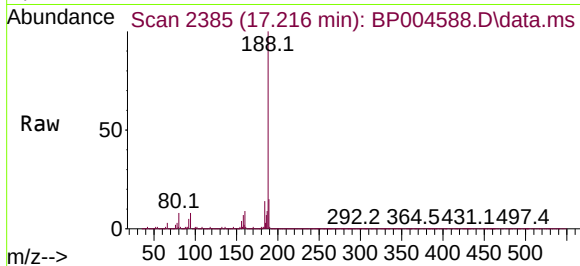




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.216 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

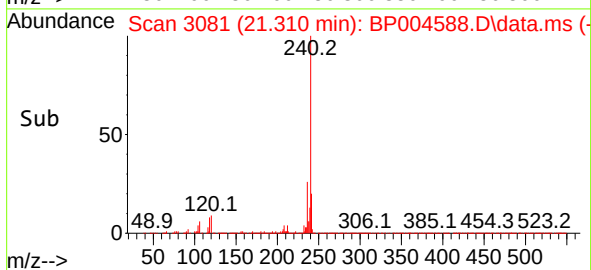
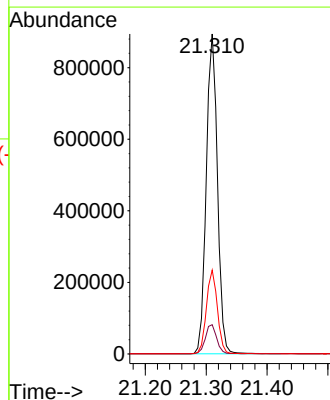
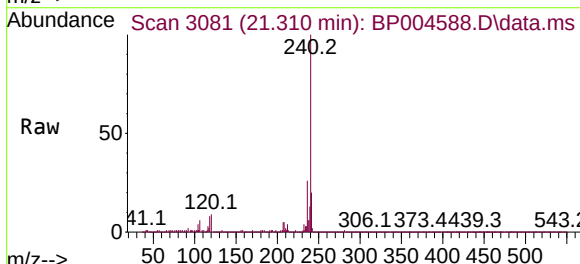
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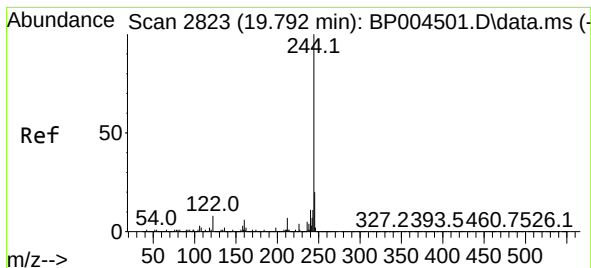
Tgt Ion:188 Resp: 1061025
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.3 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP004588.D
Acq: 15 Jan 2021 21:44

Tgt Ion:240 Resp: 1140341
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 77.84 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.012 min

Lab File: BP004588.D

Acq: 15 Jan 2021 21:44

Tgt Ion:244 Resp: 4858681

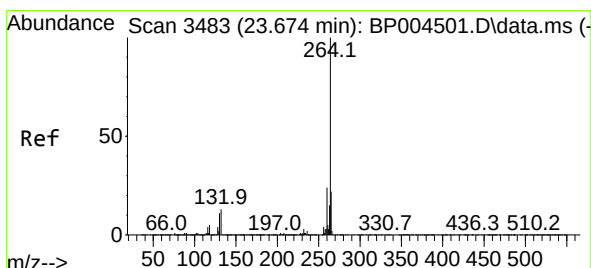
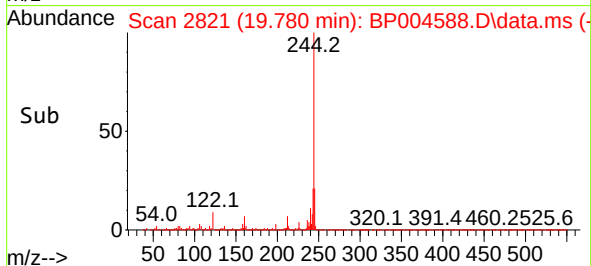
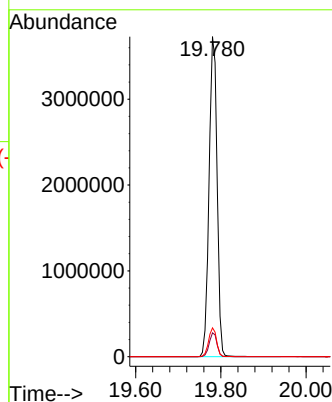
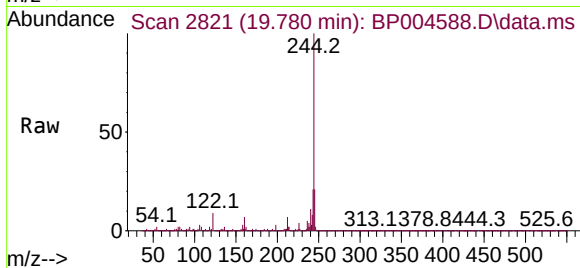
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.8	11.8

Instrument :

BNA_P

ClientSampleId :

VNJ-231



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.657 min Scan# 3480

Delta R.T. -0.018 min

Lab File: BP004588.D

Acq: 15 Jan 2021 21:44

Tgt Ion:264 Resp: 1230668

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.5	17.4	26.2

