

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004085.D
 Acq On : 24 Nov 2020 20:25
 Operator : CG/JU
 Sample : L4588-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-112320

Quant Time: Nov 24 23:59:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

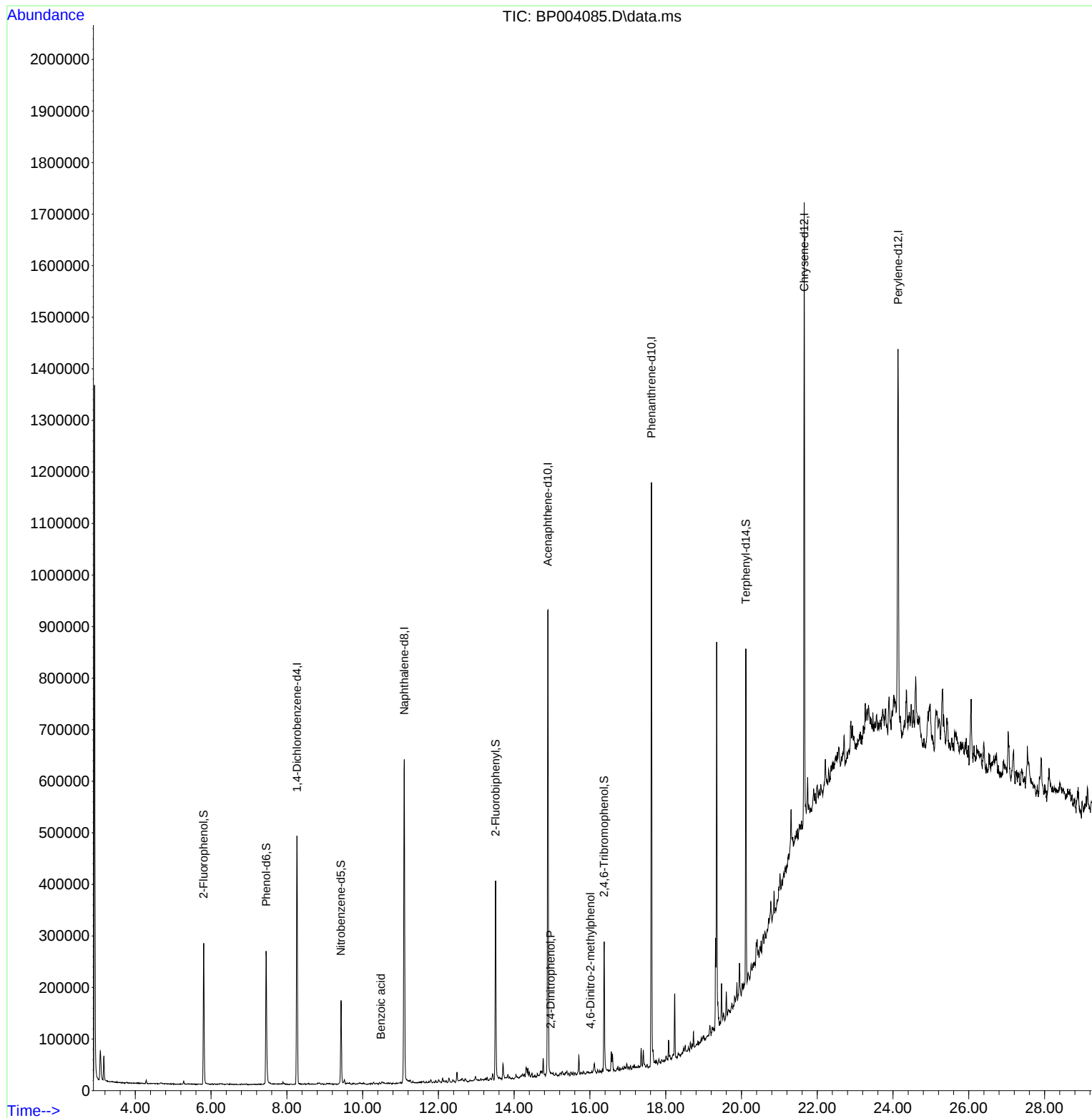
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	131532	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	512079	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	319627	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	660150	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	588165	20.00	ng	0.00
86) Perylene-d12	24.133	264	606180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	115536	14.66	ng	0.00
7) Phenol-d6	7.452	99	150817	13.33	ng	0.00
23) Nitrobenzene-d5	9.428	82	92038	8.80	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	50548	12.64	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	206912	9.05	ng	0.00
79) Terphenyl-d14	20.116	244	260112	8.54	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.375	77	162	Below Cal	#	39
32) Benzoic acid	10.481	122	57	8.32	ng	# 1
54) 2,4-Dinitrophenol	14.963	184	30	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	38	6.35	ng	# 1

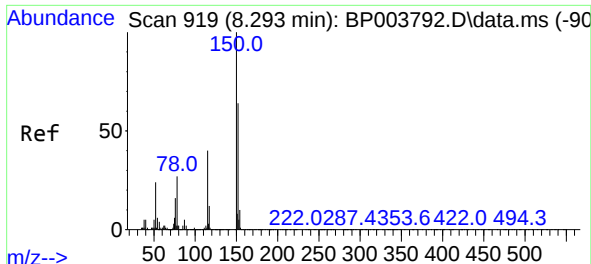
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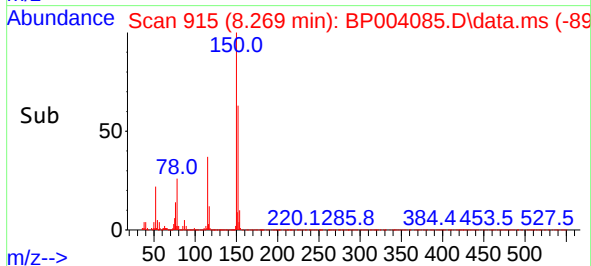
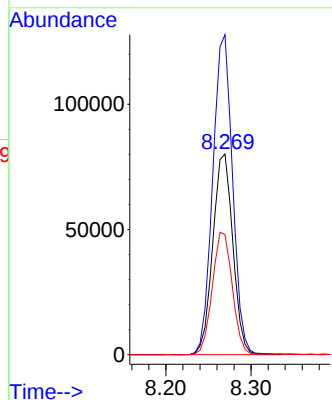
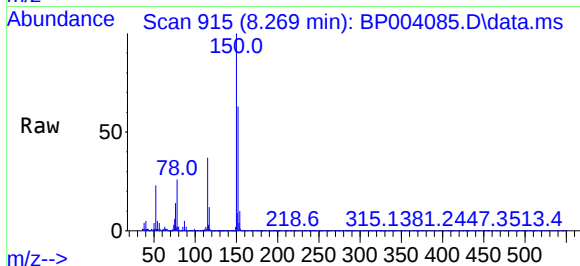


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Instrument :
BNA_P
ClientSampleId :
HD-02-112320

Tgt Ion:152 Resp: 131532

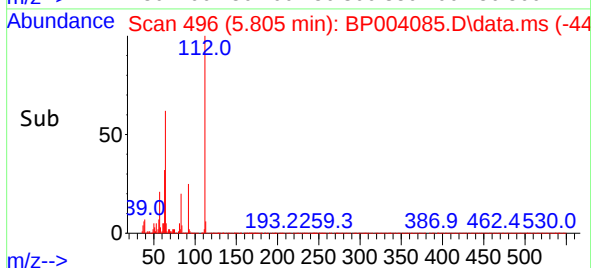
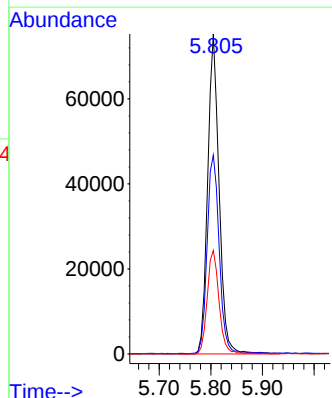
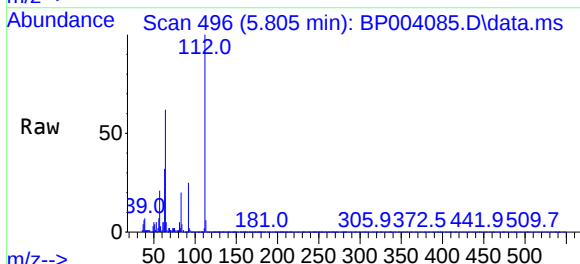
Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	59.8	43.8	65.6



#5
2-Fluorophenol
Concen: 14.66 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:112 Resp: 115536

Ion	Ratio	Lower	Upper
112	100		
64	62.1	32.8	49.2#
63	32.4	17.0	25.4#

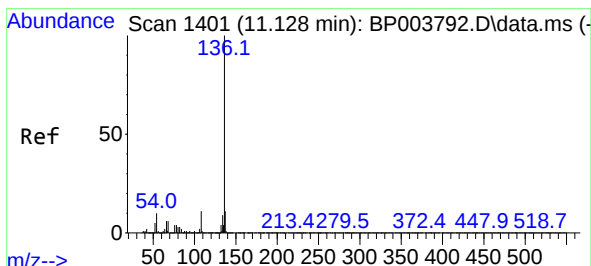
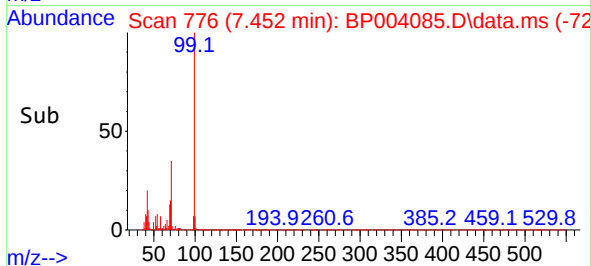
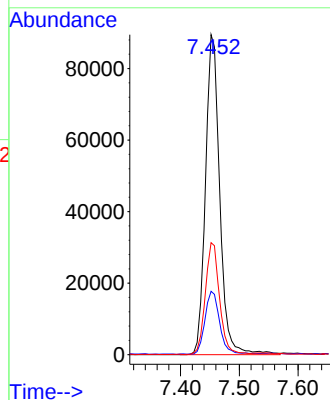
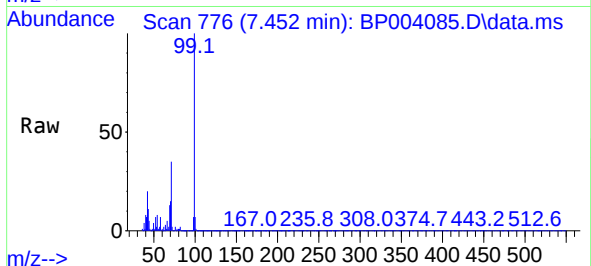




#7
Phenol-d6
Concen: 13.33 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

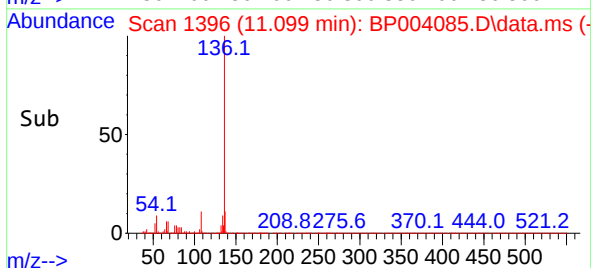
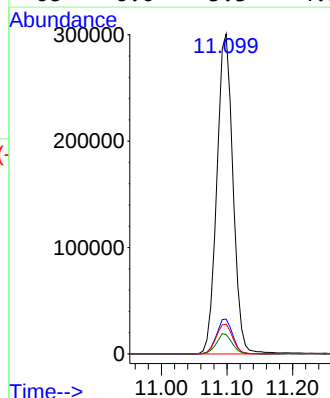
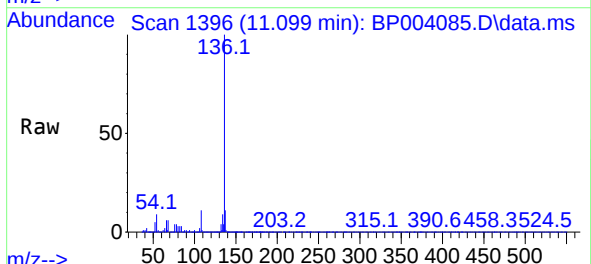
Instrument :
BNA_P
ClientSampleId :
HD-02-112320

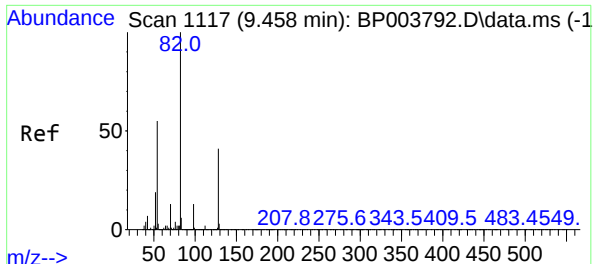
Tgt Ion: 99 Resp: 150817
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 35.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:136 Resp: 512079
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 3.6 5.4#
68 6.0 3.3 4.9#



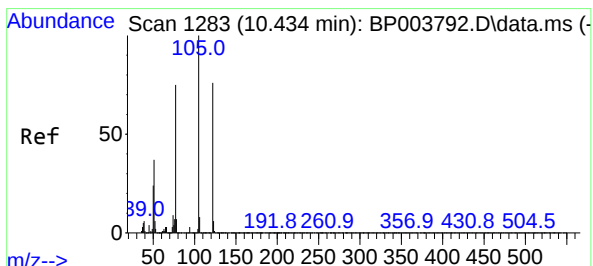
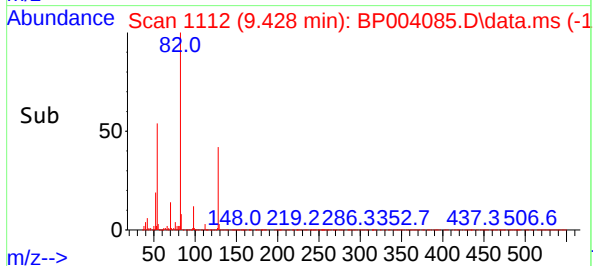
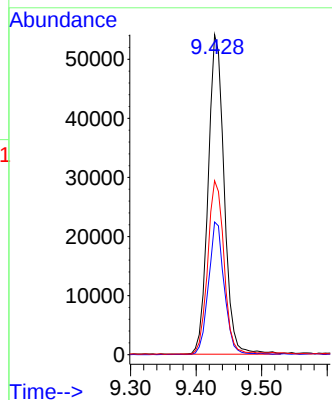
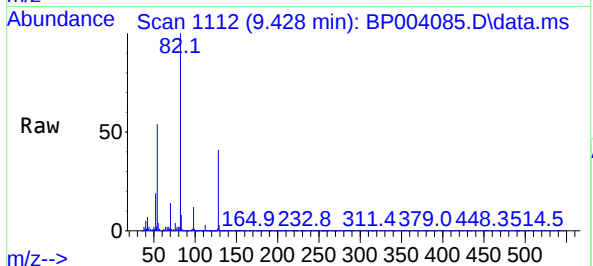


#23
Nitrobenzene-d5
Concen: 8.80 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Instrument :
BNA_P
ClientSampleId :
HD-02-112320

Tgt Ion: 82 Resp: 92038

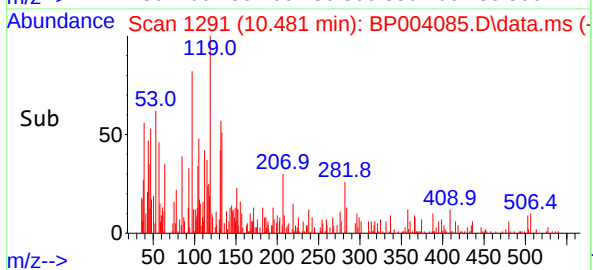
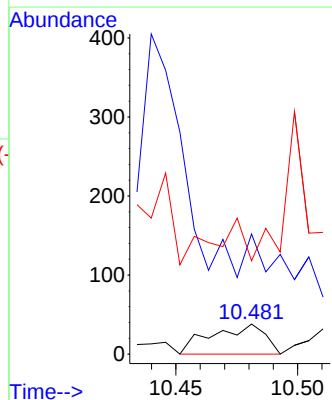
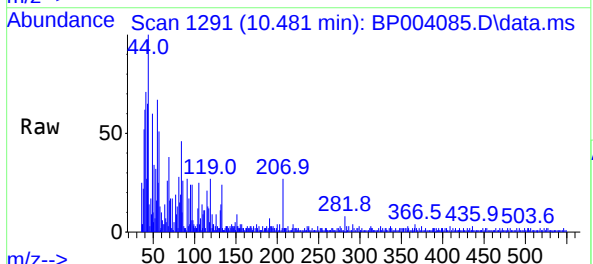
Ion	Ratio	Lower	Upper
82	100		
128	41.4	45.6	68.4#
54	54.4	30.1	45.1#

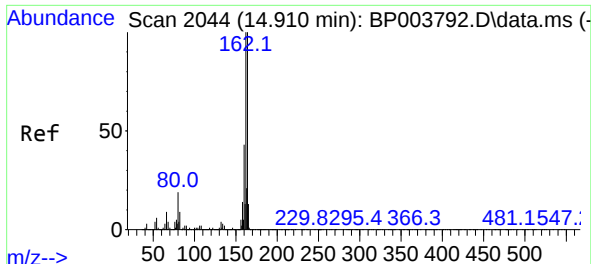


#32
Benzoic acid
Concen: 8.32 ng
RT: 10.481 min Scan# 1291
Delta R.T. 0.024 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion: 122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	400.0	94.1	134.1#
77	310.5	50.1	90.1#

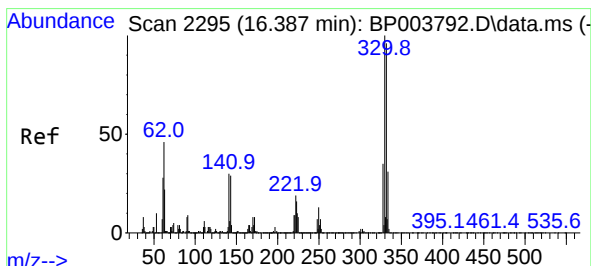
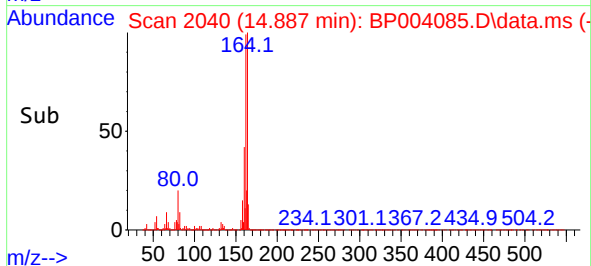
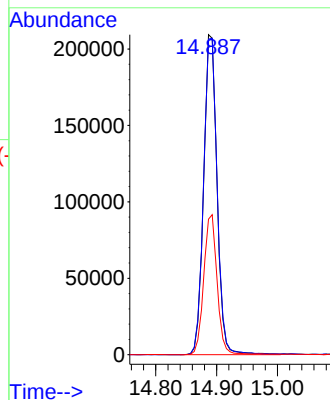
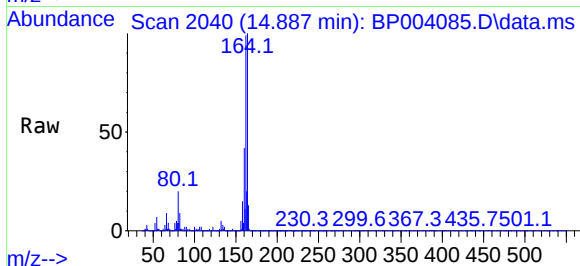




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

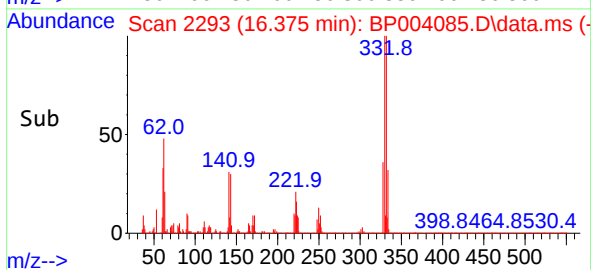
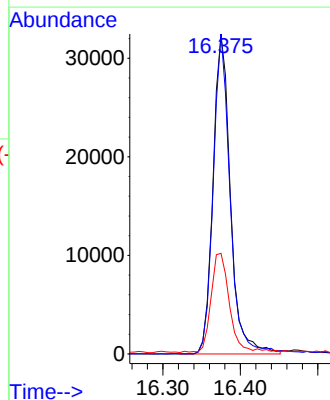
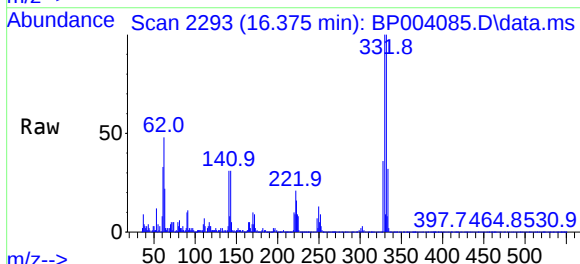
Instrument :
BNA_P
ClientSampleId :
HD-02-112320

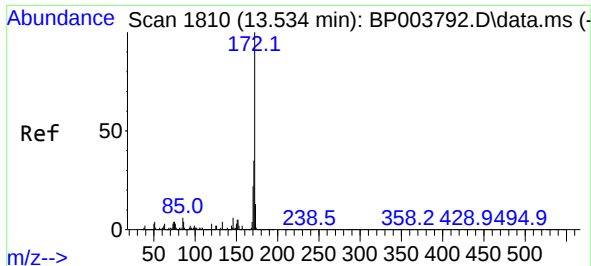
Tgt Ion:164 Resp: 319627
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 42.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.64 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:330 Resp: 50548
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 32.6 23.4 35.2

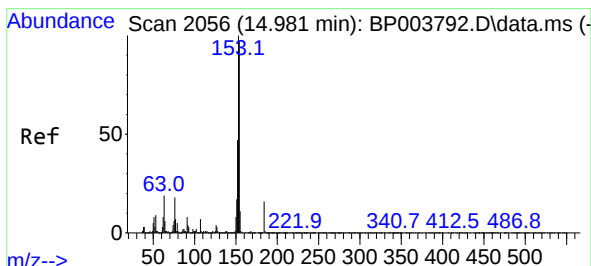
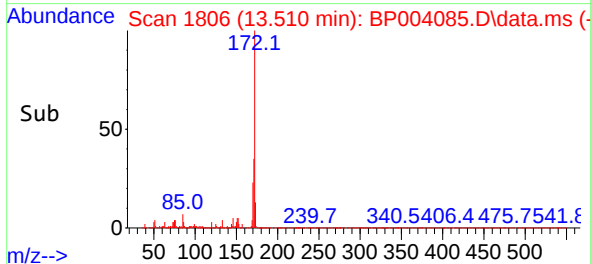
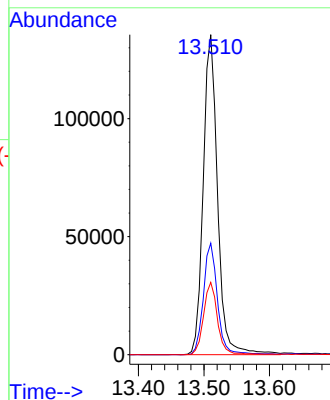
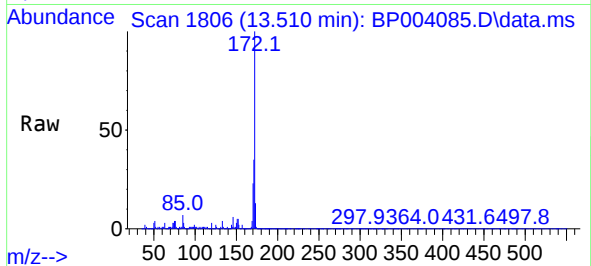




#45
2-Fluorobiphenyl
Concen: 9.05 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

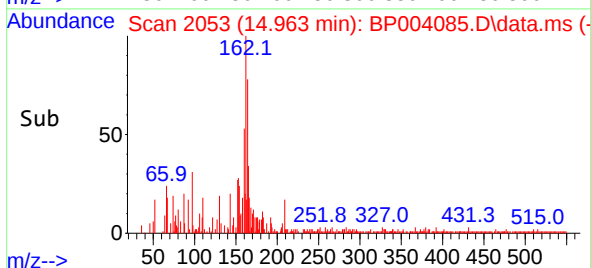
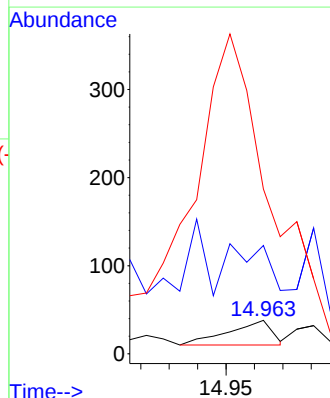
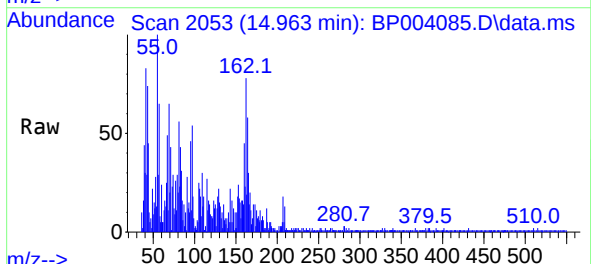
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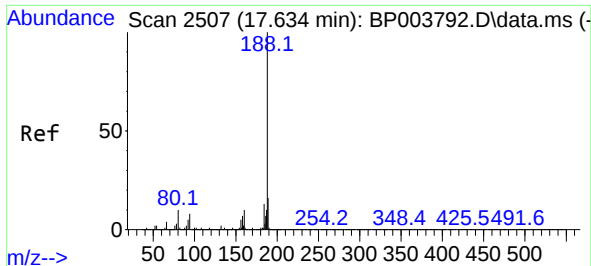
Tgt Ion:	172	Resp:	206912
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.5	42.7
170	22.6	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.963 min Scan# 2053
Delta R.T. -0.029 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:	184	Resp:	30
Ion Ratio	Lower	Upper	
184	100		
63	323.7	32.3	48.5#
154	492.1	49.1	73.7#

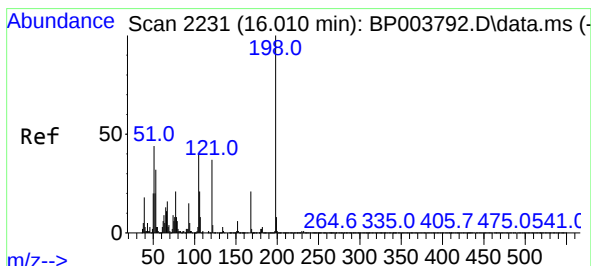
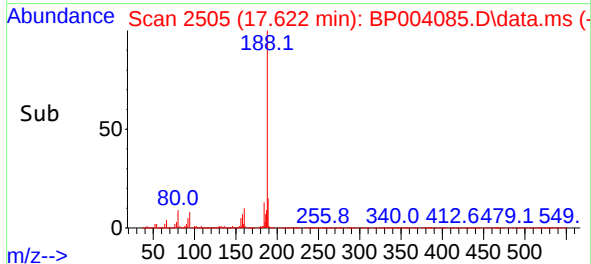
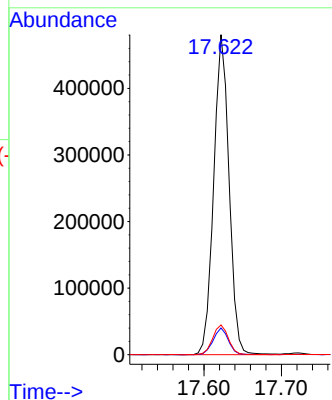
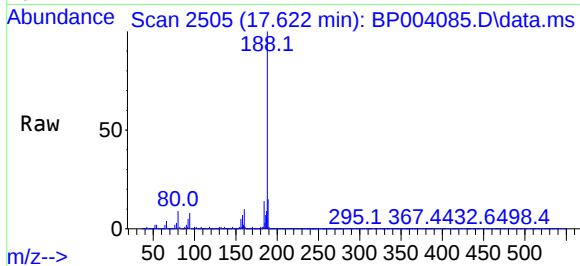




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

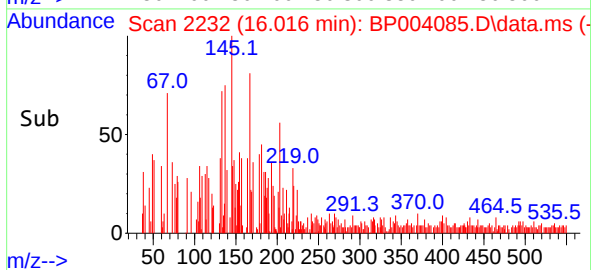
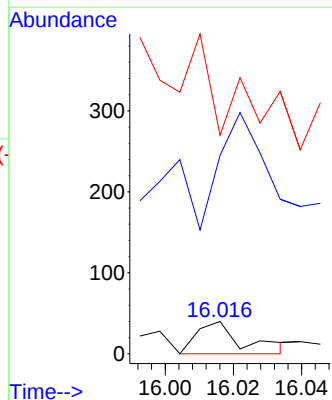
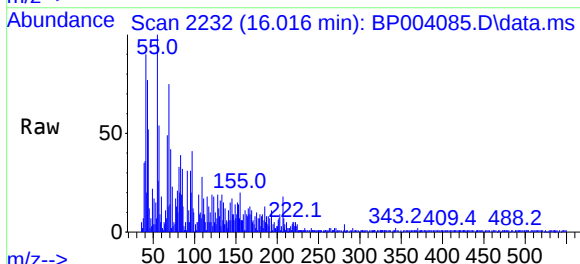
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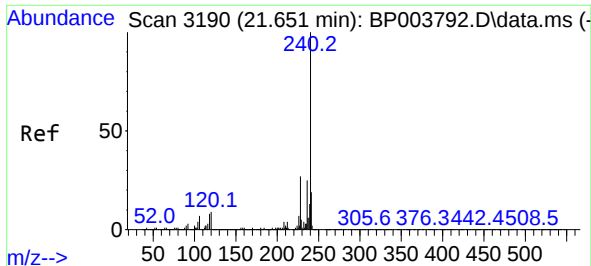
Tgt Ion:	188	Resp:	660150
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.2	9.2
80	9.3	6.2	9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:	198	Resp:	38
Ion Ratio	Lower	Upper	
198	100		
51	612.5	6.4	46.4#
105	675.0	18.9	58.9#

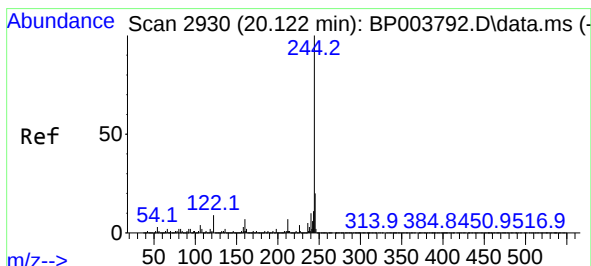
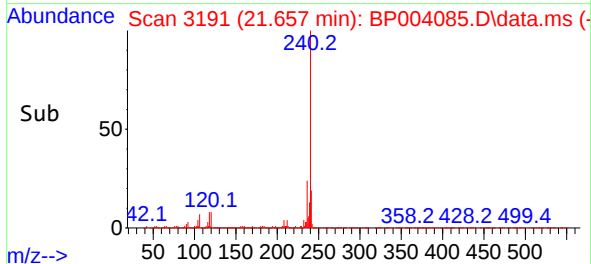
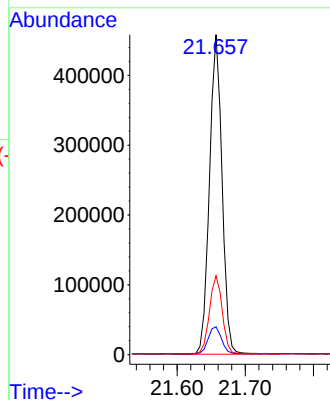
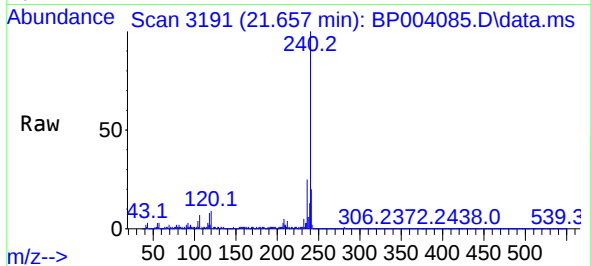




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

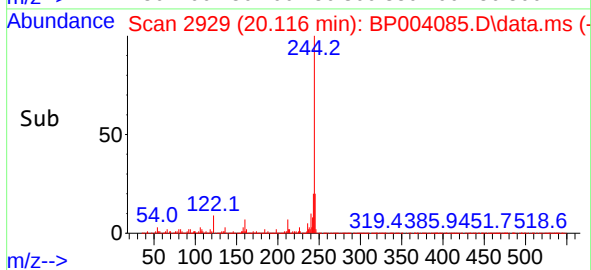
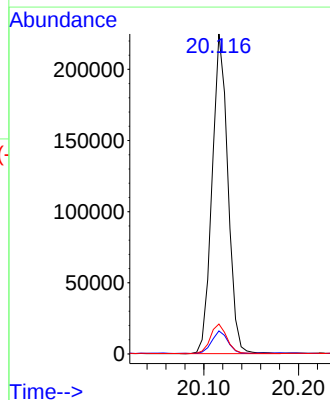
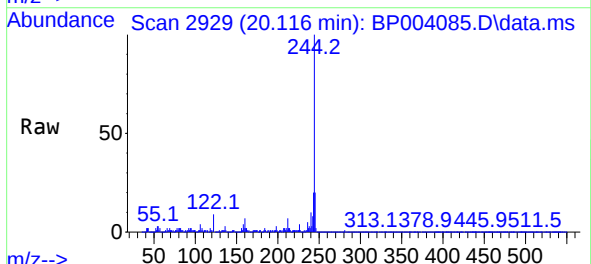
Instrument :
BNA_P
ClientSampled :
HD-02-112320

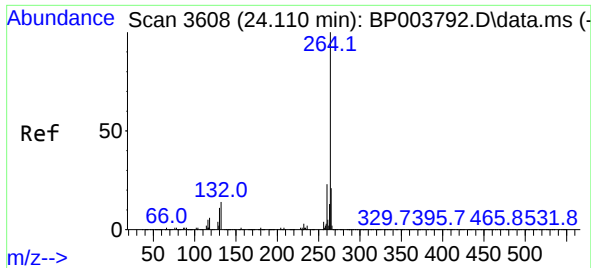
Tgt Ion:	240	Resp:	588165
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.8	11.6
236	24.6	20.8	31.2



#79
Terphenyl-d14
Concen: 8.54 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004085.D
Acq: 24 Nov 2020 20:25

Tgt Ion:	244	Resp:	260112
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.4	7.8	11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.133 min Scan# 3612
 Delta R.T. 0.006 min
 Lab File: BP004085.D
 Acq: 24 Nov 2020 20:25

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-112320

Tgt Ion:264 Resp: 606180
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 21.6 17.4 26.2

