

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021497.D
 Acq On : 31 Aug 2022 19:05
 Operator : CG/JU
 Sample : N4297-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20220821

Quant Time: Sep 01 03:21:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

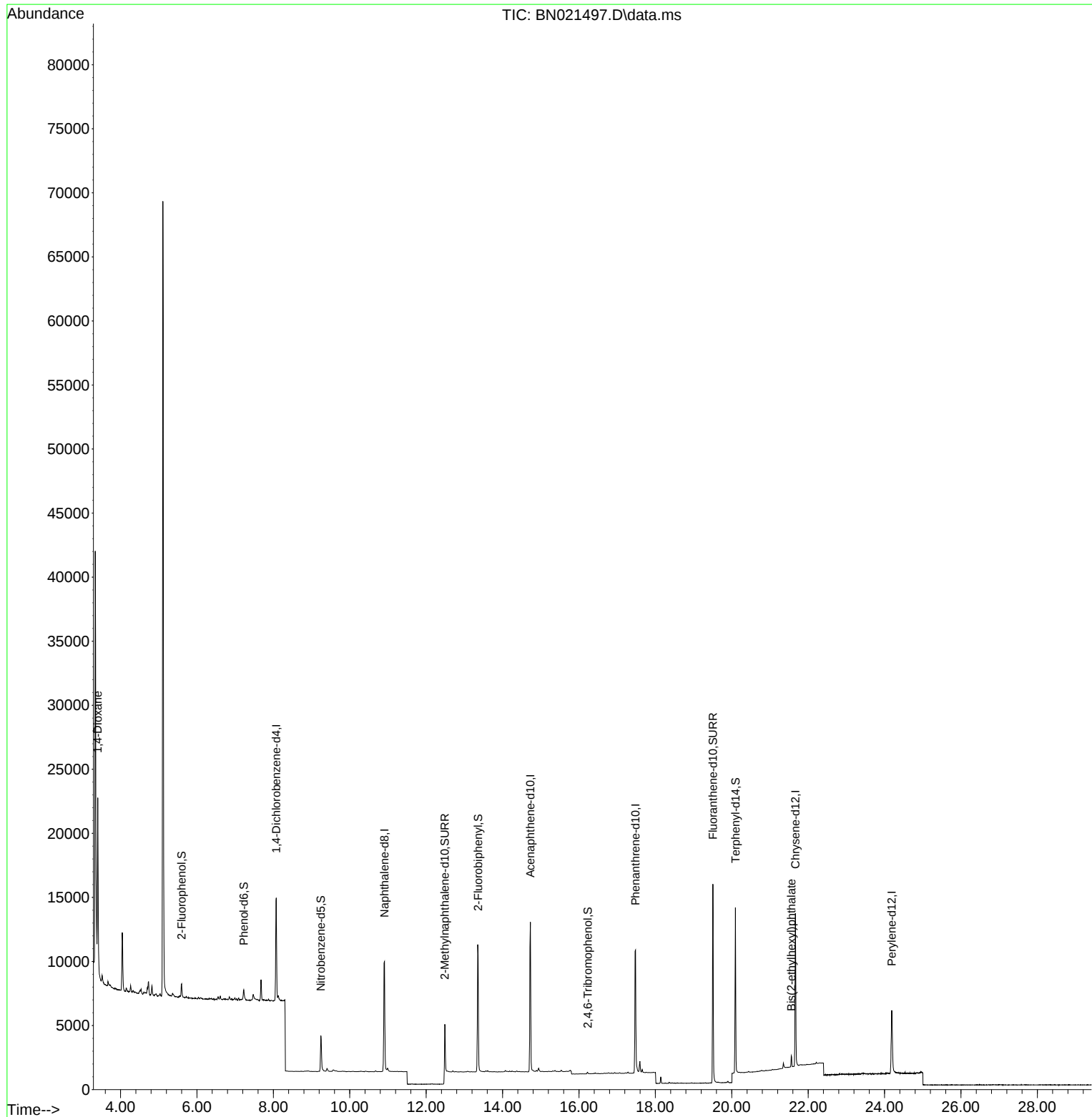
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4180	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	12980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	7045	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15510	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11086	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8049	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	956	0.117	ng	0.00
5) Phenol-d6	7.224	99	765	0.073	ng	0.00
8) Nitrobenzene-d5	9.243	82	2657	0.303	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	10277	0.351	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	76	0.033	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	9685	0.314	ng	0.00
27) Fluoranthene-d10	19.506	212	16644	0.417	ng	0.00
31) Terphenyl-d14	20.097	244	11216	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	8712	1.666	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.557	149	963	0.062	ng	97

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

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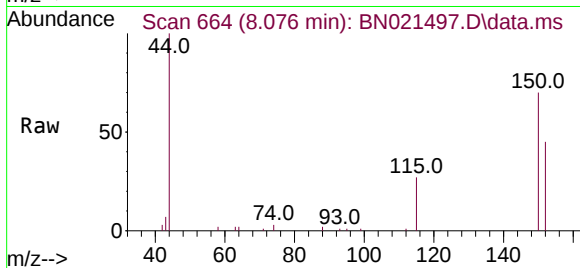
Quant Time: Sep 01 03:21:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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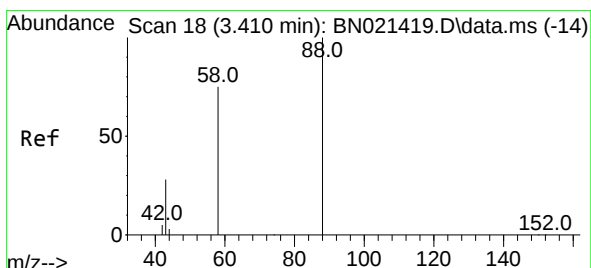
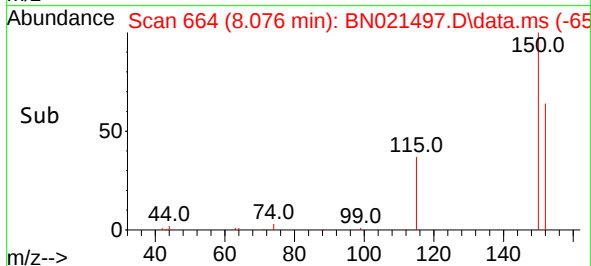
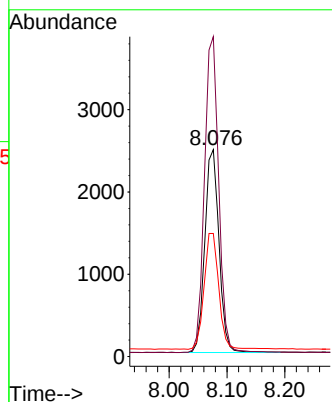


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021497.D
 Acq: 31 Aug 2022 19:05

Instrument :
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 RE131D3-20220821

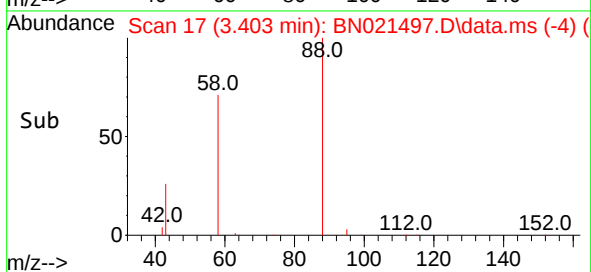
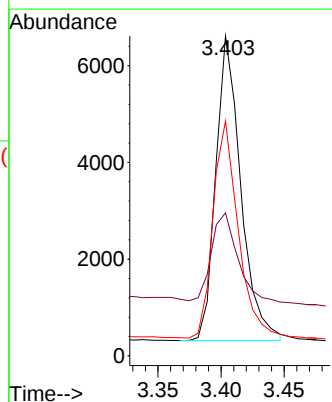
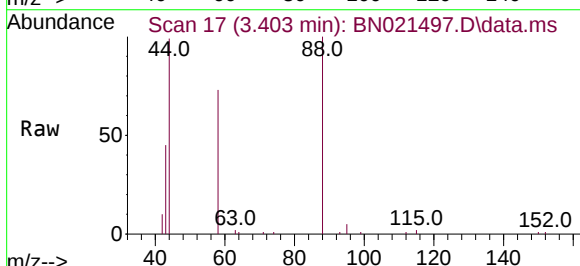


Tgt Ion:152 Resp: 4180
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.4 182.0
 115 59.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.666 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021497.D
 Acq: 31 Aug 2022 19:05

Tgt Ion: 88 Resp: 8712
 Ion Ratio Lower Upper
 88 100
 43 30.6 35.8 53.8#
 58 71.3 57.1 85.7

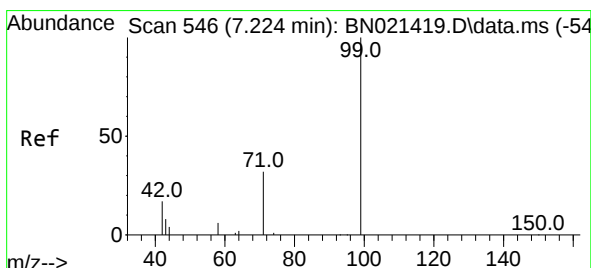
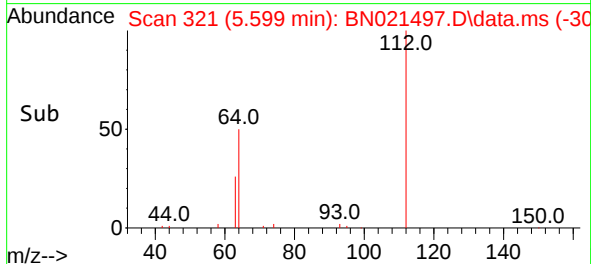
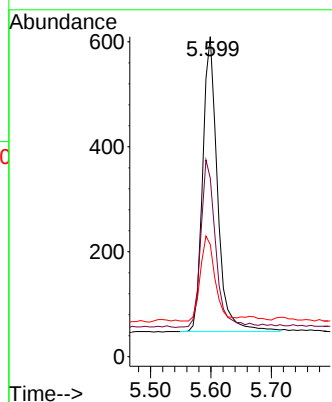
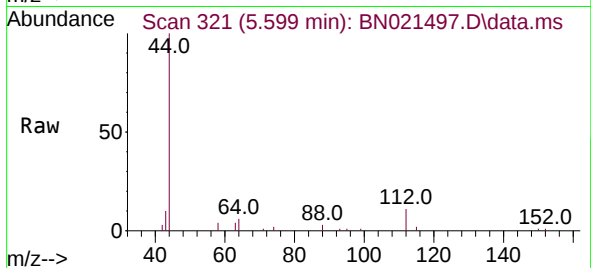




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

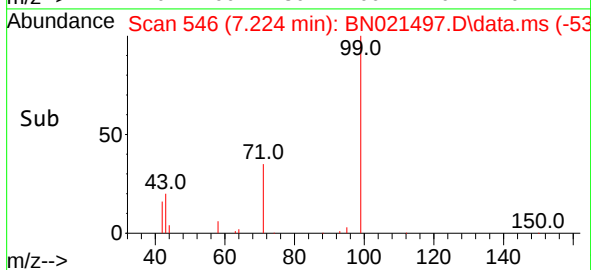
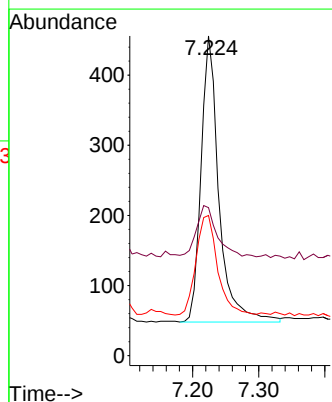
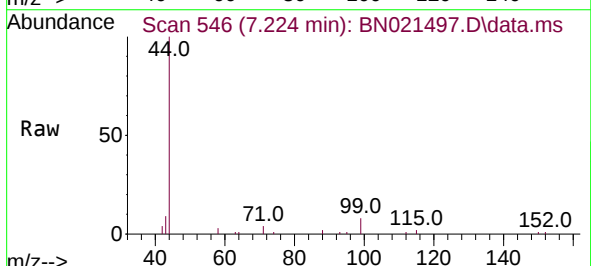
Instrument :
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RE131D3-20220821

Tgt Ion:112 Resp: 956
Ion Ratio Lower Upper
112 100
64 57.0 43.5 65.3
63 28.6 22.6 34.0



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 99 Resp: 765
Ion Ratio Lower Upper
99 100
42 20.4 15.5 23.3
71 42.1 24.2 36.2#

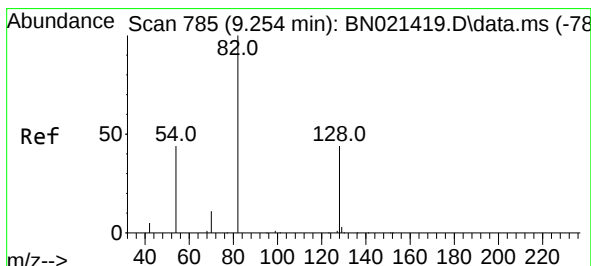
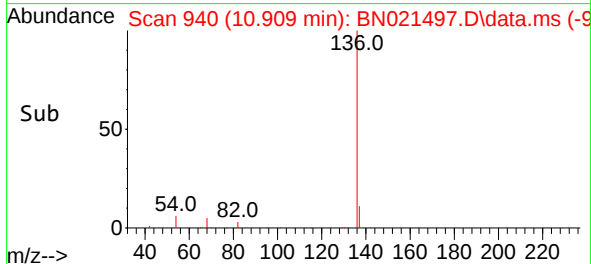
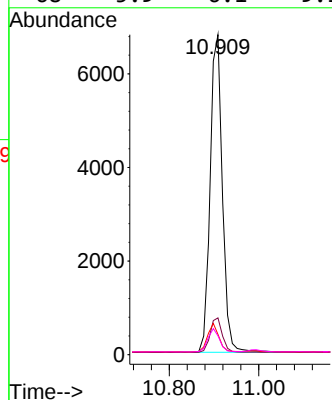
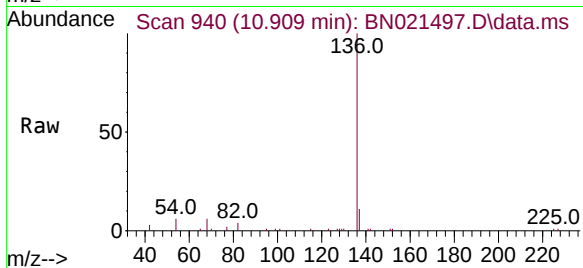




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

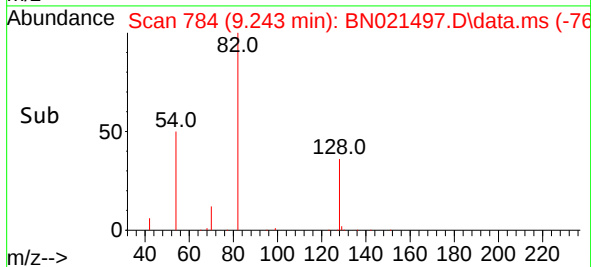
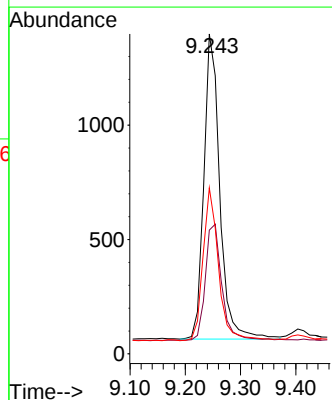
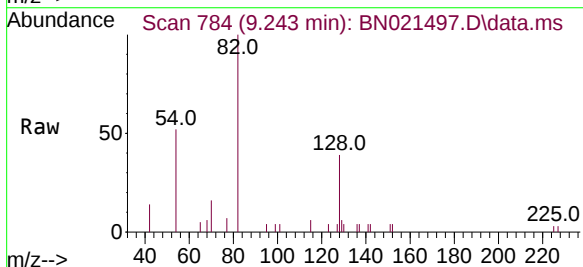
Instrument :
BNA_N
ClientSampleId :
RE131D3-20220821

Tgt Ion:	136	Resp:	12980
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	6.3	6.9	10.3#
68	5.9	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion:	82	Resp:	2657
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.9	46.3
54	51.9	42.7	64.1

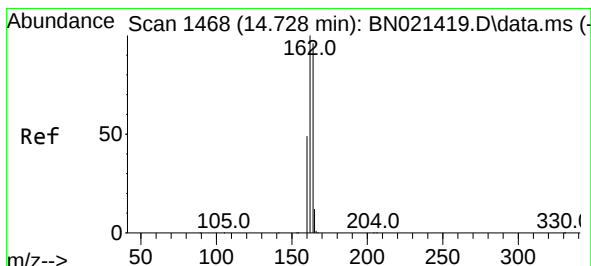
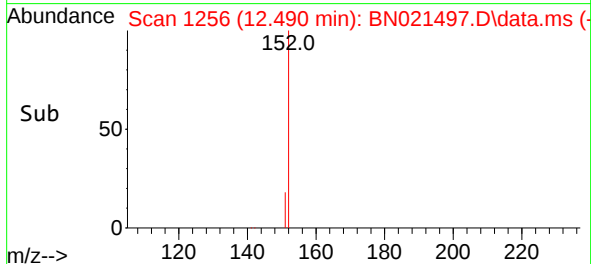
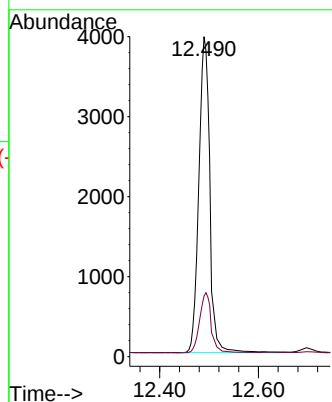
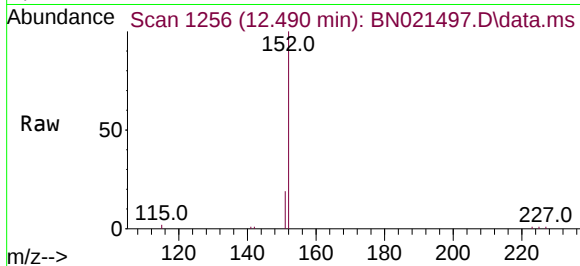




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

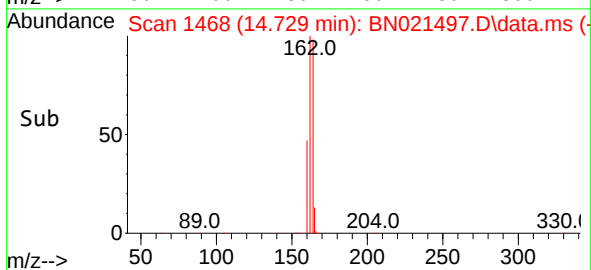
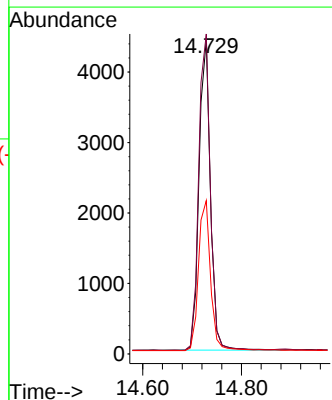
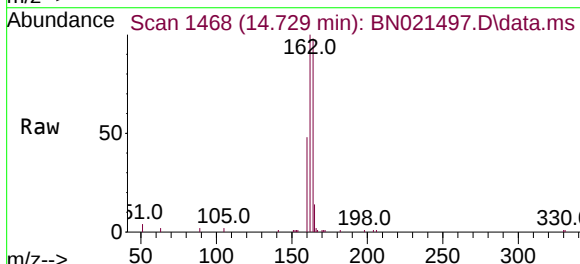
Instrument :
BNA_N
ClientSampleId :
RE131D3-20220821

Tgt Ion:152 Resp: 10277
Ion Ratio Lower Upper
152 100
151 17.5 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion:164 Resp: 7045
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.4
160 48.8 39.5 59.3

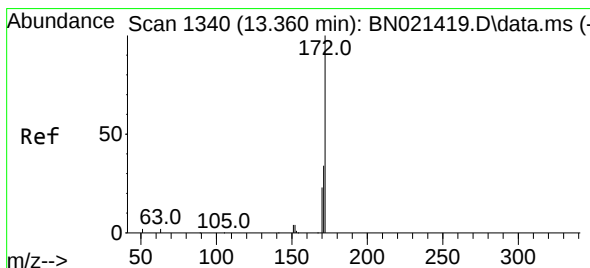
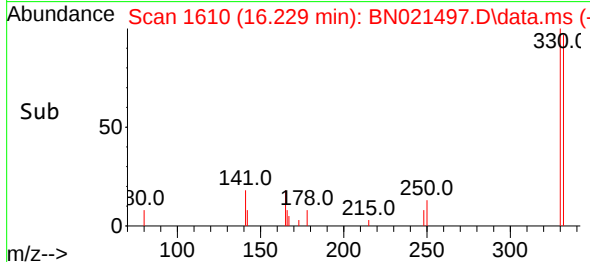
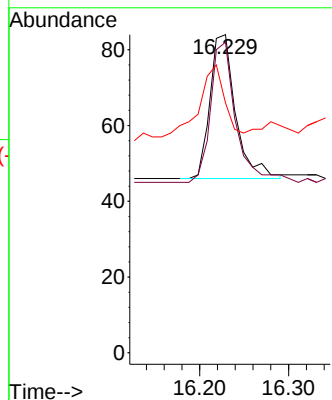
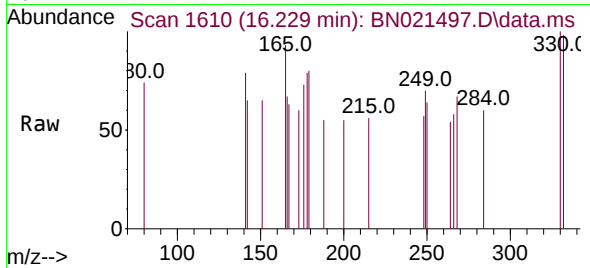




#14
2,4,6-Tribromophenol
Concen: 0.033 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

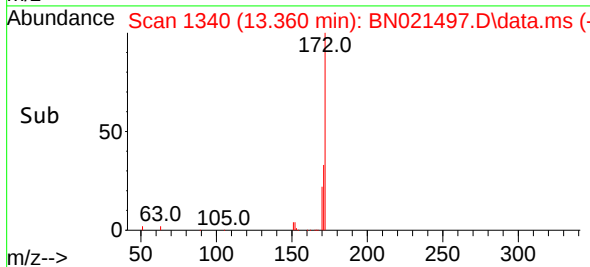
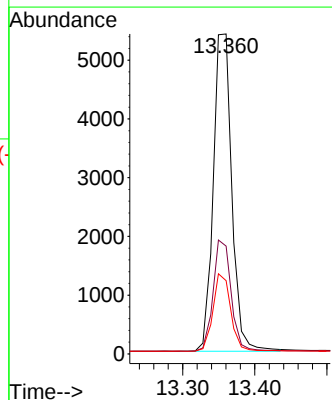
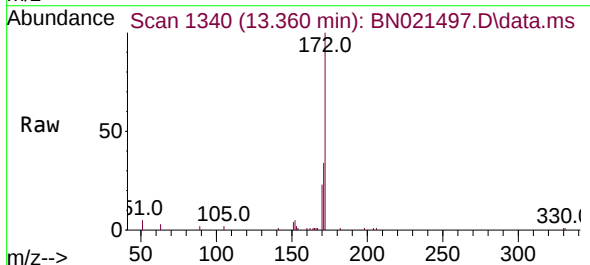
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ClientSampleId :
RE131D3-20220821

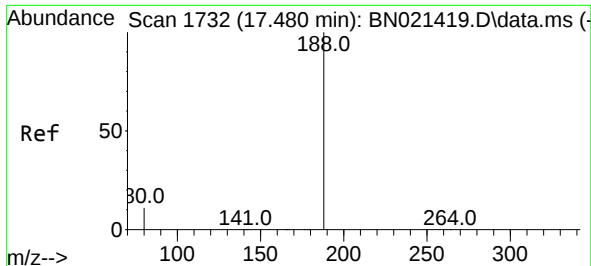
Tgt Ion:	330	Resp:	76
Ion Ratio	Lower	Upper	
330	100		
332	97.4	79.3	118.9
141	50.0	37.1	55.7



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion:	172	Resp:	9685
Ion Ratio	Lower	Upper	
172	100		
171	33.7	27.8	41.6
170	22.9	18.6	28.0

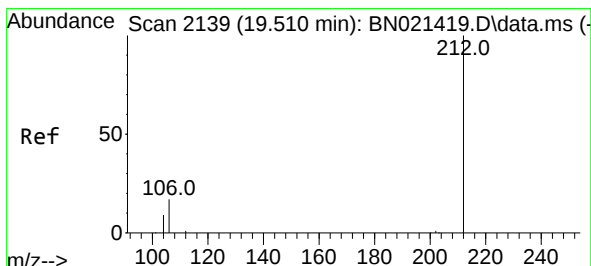
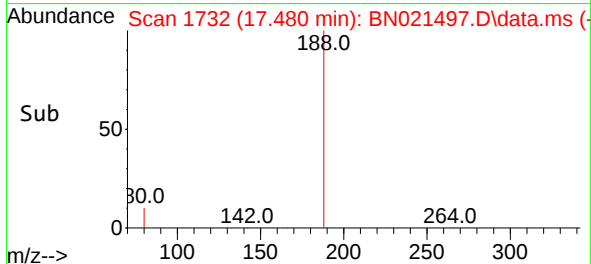
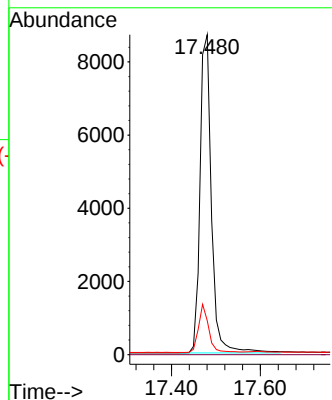
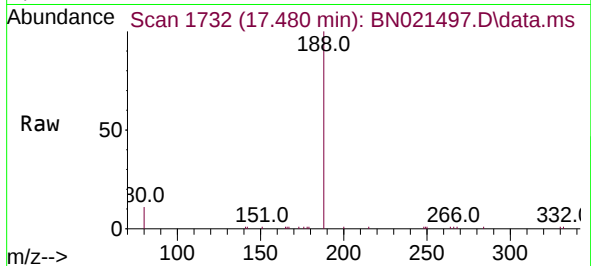




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

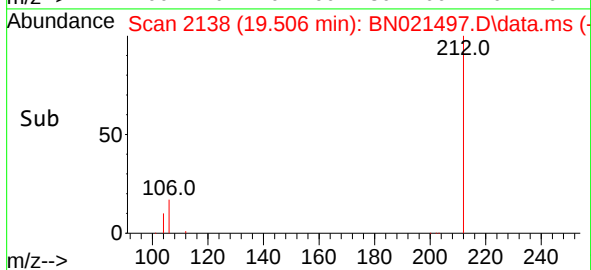
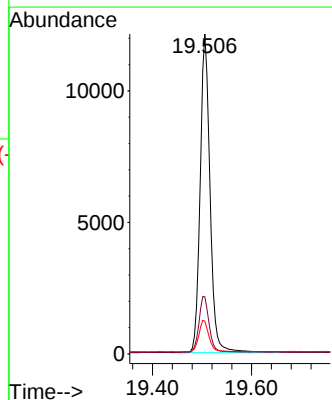
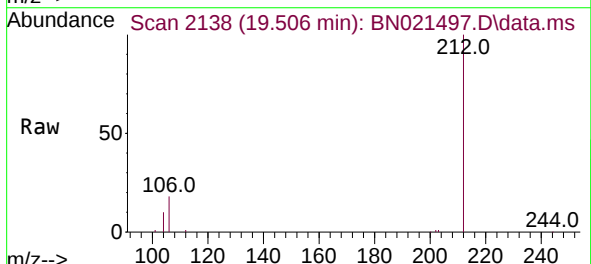
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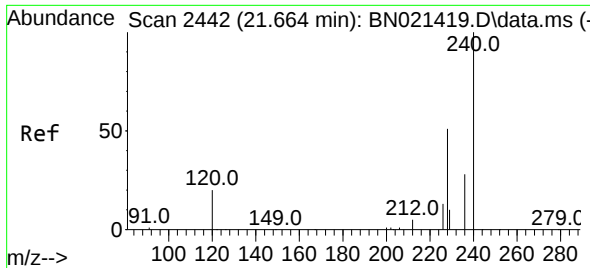
Tgt Ion:188 Resp: 15510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion:212 Resp: 16644
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.1 7.8 11.6

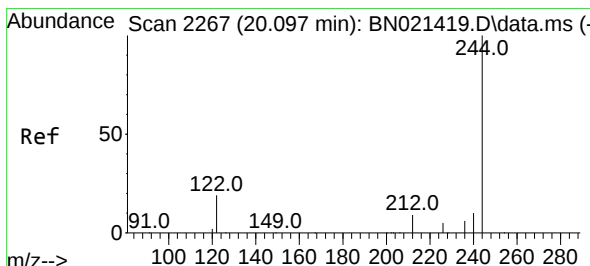
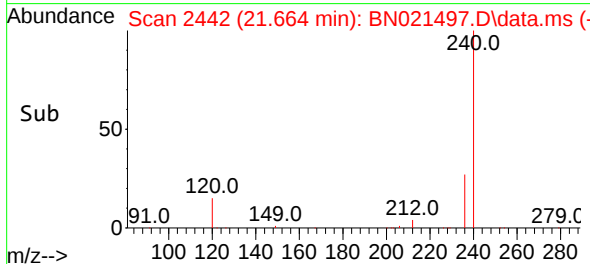
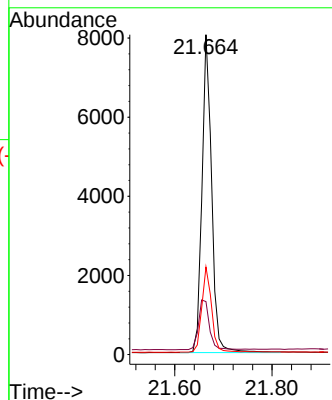
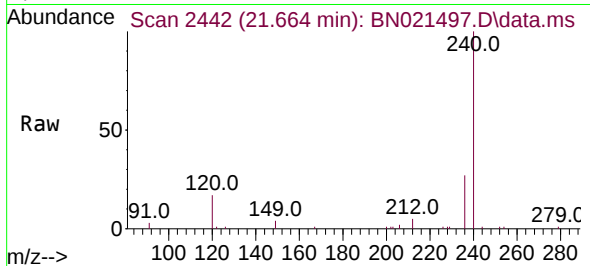




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

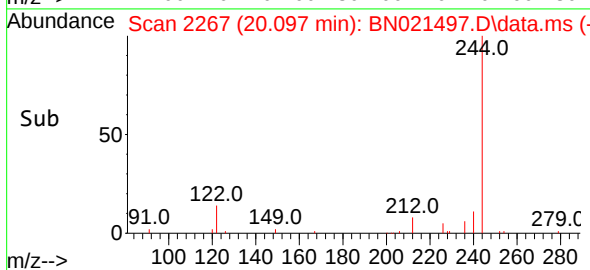
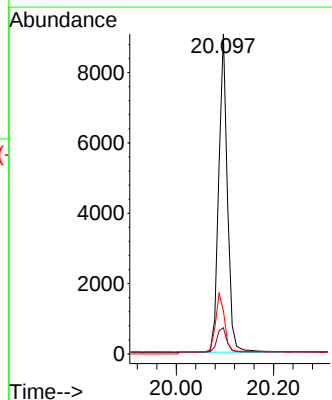
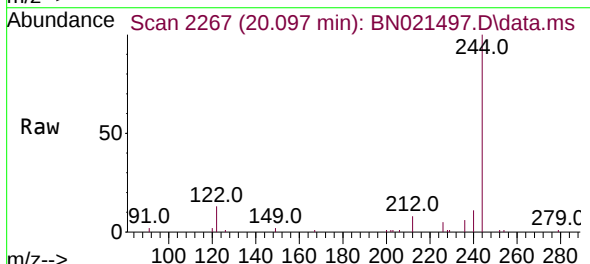
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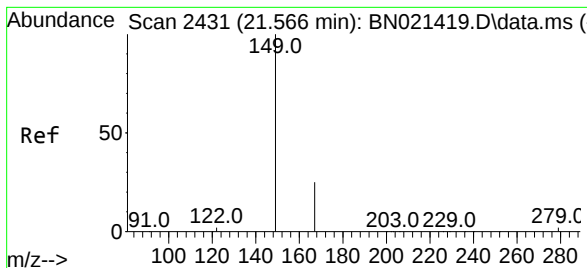
Tgt Ion:240 Resp: 11086
Ion Ratio Lower Upper
240 100
120 16.6 10.2 15.4#
236 27.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.450 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021497.D
Acq: 31 Aug 2022 19:05

Tgt Ion:244 Resp: 11216
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 13.4 9.1 13.7

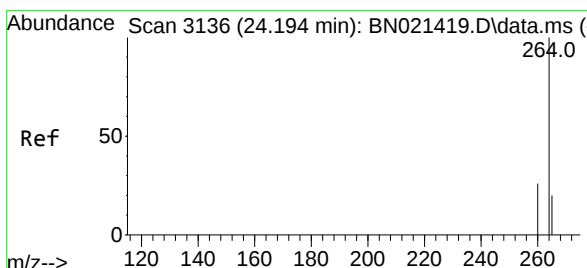
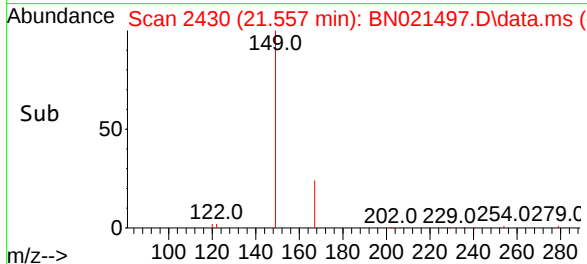
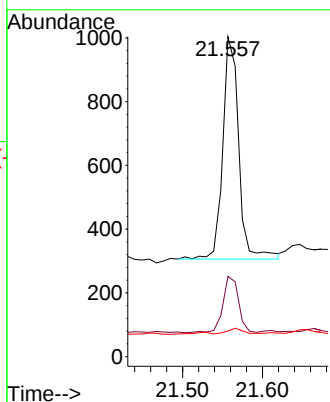
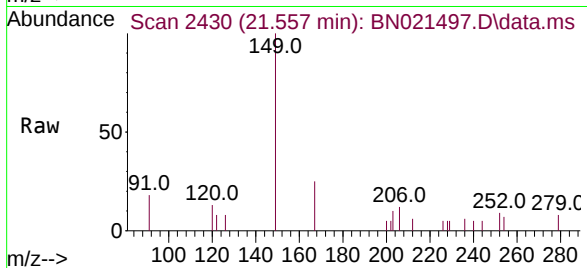




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021497.D
 Acq: 31 Aug 2022 19:05

Instrument :
 BNA_N
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Tgt Ion:	149	Resp:	963
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.4	32.0
279	2.5	2.2	3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BN021497.D
 Acq: 31 Aug 2022 19:05

Tgt Ion:	264	Resp:	8049
Ion Ratio	Lower	Upper	
264	100		
260	27.1	21.0	31.6
265	38.2	32.2	48.2

