

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016637.D
 Acq On : 01 Oct 2021 15:55
 Operator : CG/JU
 Sample : M3833-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Quant Time: Oct 01 16:24:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

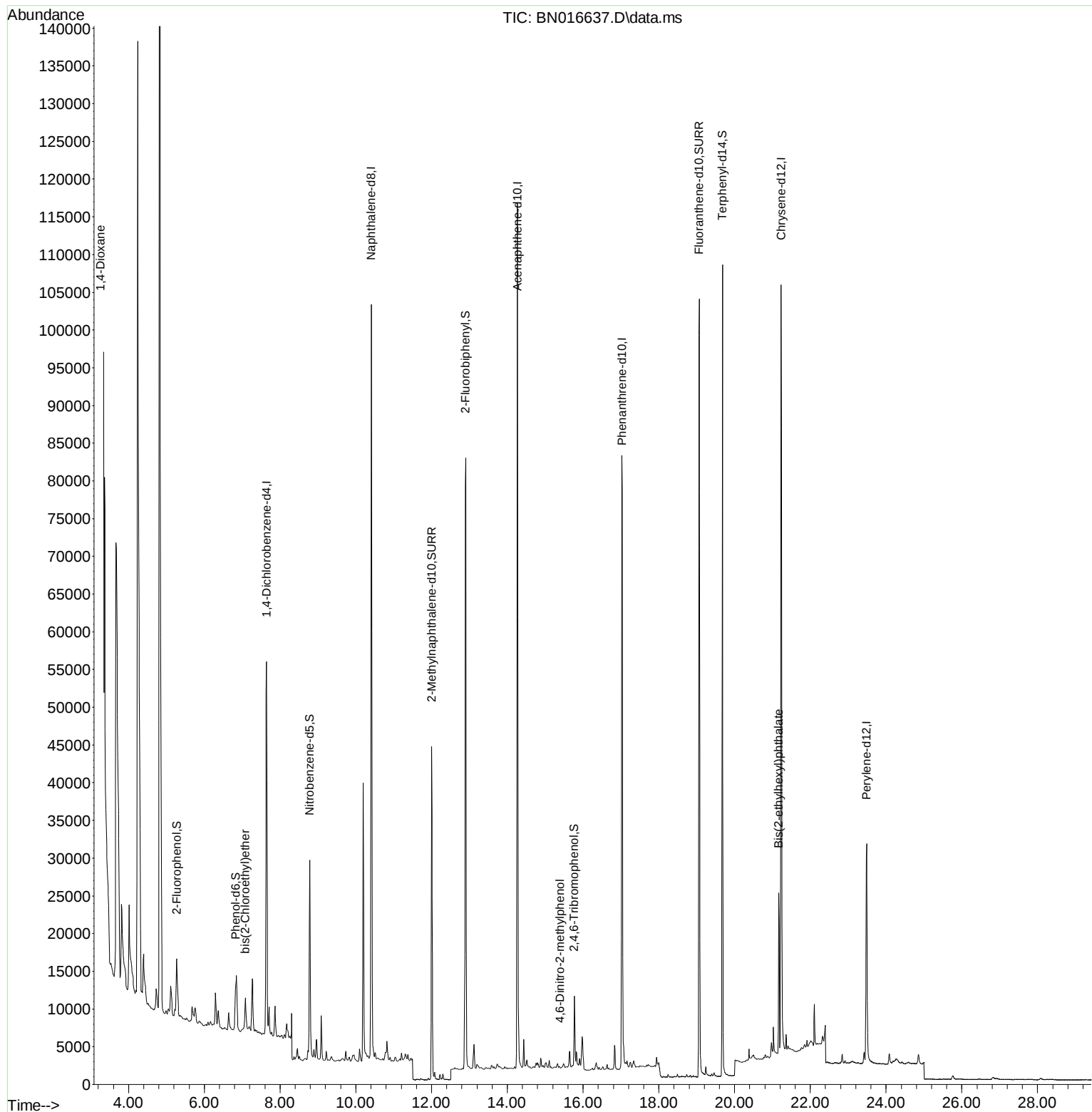
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29090	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	131567	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	64205	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	128953	0.400	ng	0.01
29) Chrysene-d12	21.227	240	106783	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	41278	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	10431	0.141	ng	0.02
5) Phenol-d6	6.831	99	6183	0.076	ng	0.00
8) Nitrobenzene-d5	8.784	82	23901	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	60373	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8328	0.285	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	82319	0.317	ng	0.00
27) Fluoranthene-d10	19.068	212	120101	0.350	ng	0.00
31) Terphenyl-d14	19.678	244	105940	0.456	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	62334	4.656	ng	# 81
6) bis(2-Chloroethyl)ether	7.080	93	2371	0.030	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.385	198	8	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	21789	0.167	ng	100

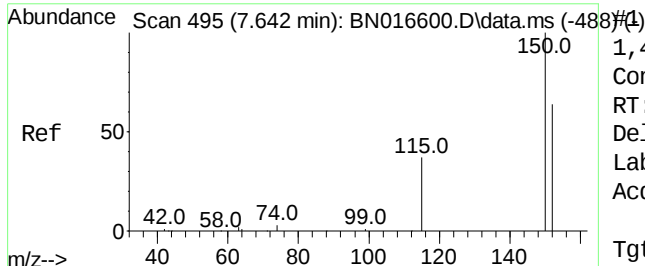
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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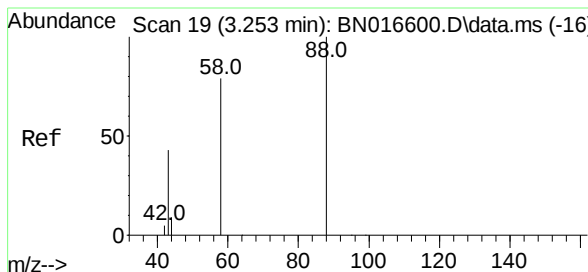
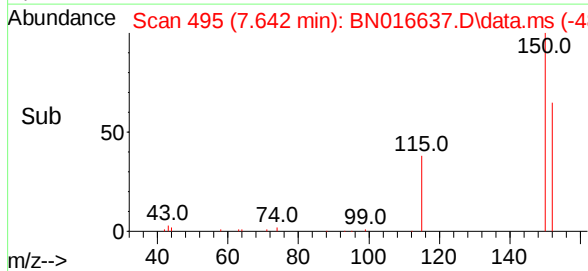
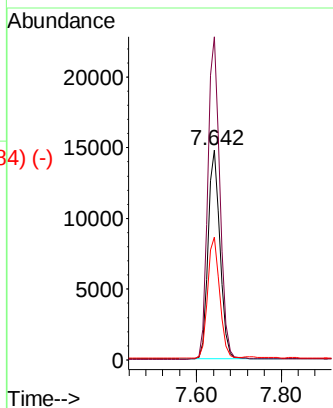
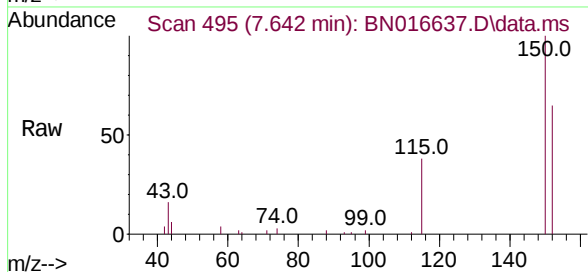




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

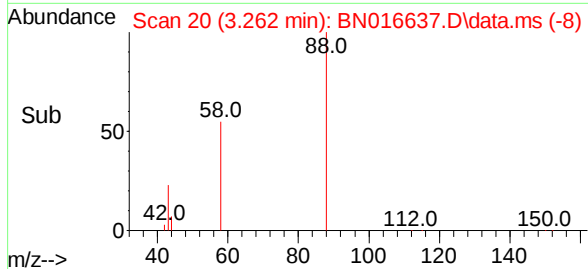
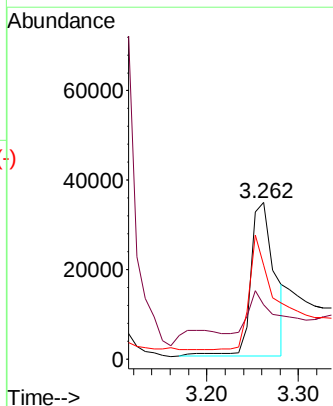
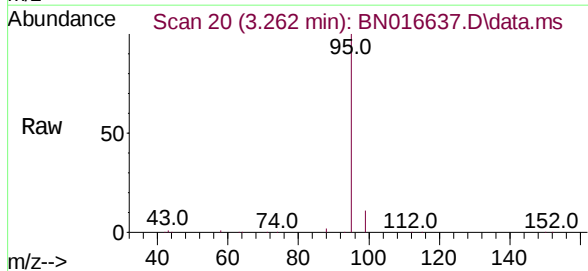
Instrument :
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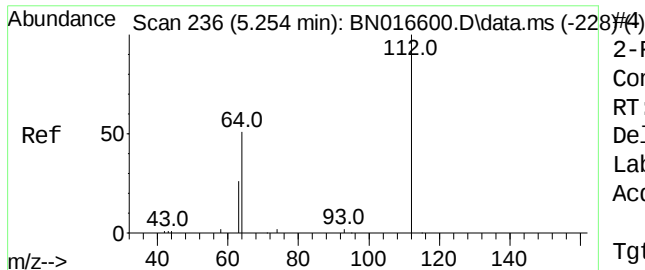
Tgt Ion:	152	Resp:	29090
Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.6	46.5	69.7



1,4-Dioxane
 Concen: 4.656 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

Tgt Ion:	88	Resp:	62334
Ion	Ratio	Lower	Upper
88	100		
43	25.6	37.8	56.8#
58	67.1	61.3	91.9

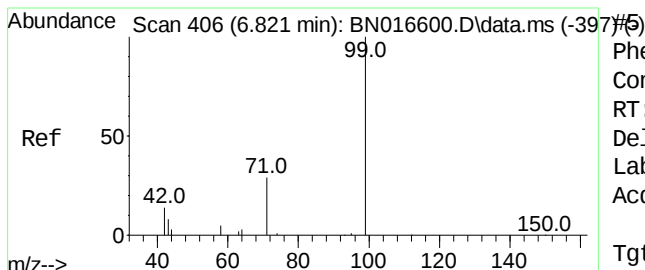
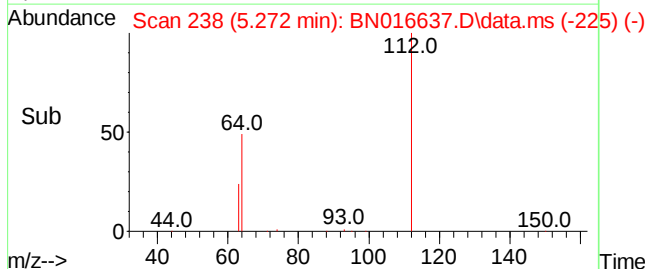
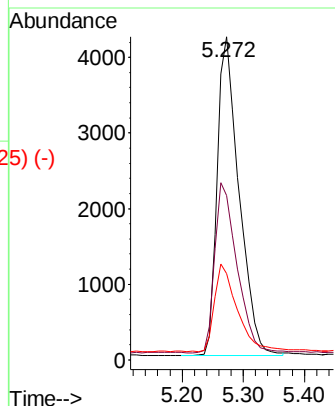
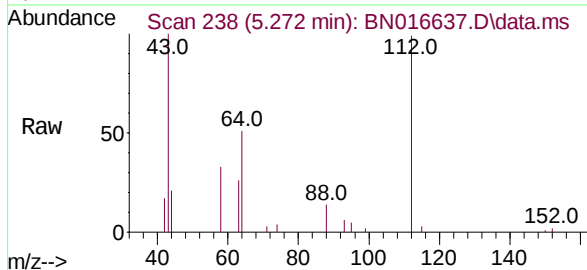




2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.272 min Scan# 238
 Delta R.T. 0.018 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

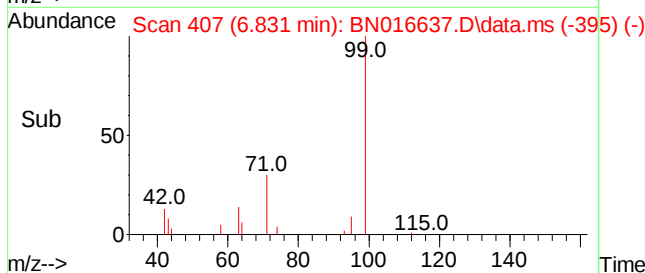
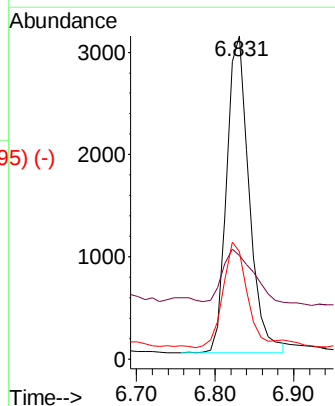
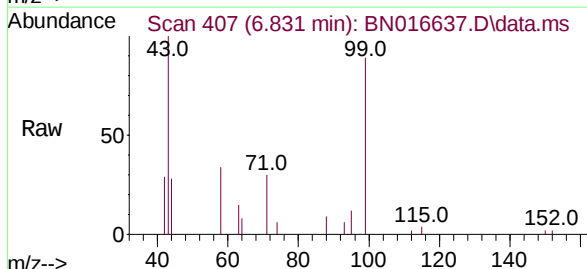
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

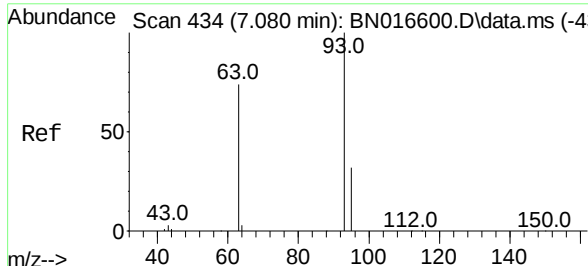
Tgt Ion:	112	Resp:	10431
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.1	64.7
63	28.2	21.6	32.4



Phenol-d6
 Concen: 0.076 ng
 RT: 6.831 min Scan# 407
 Delta R.T. 0.009 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

Tgt Ion:	99	Resp:	6183
Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.0	19.6#
71	35.9	23.5	35.3#

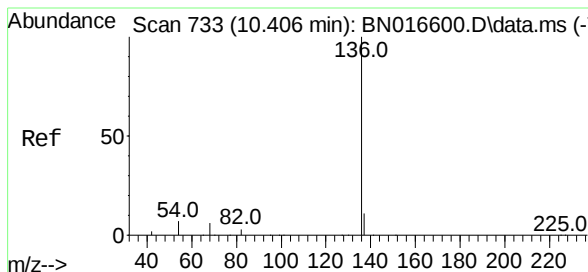
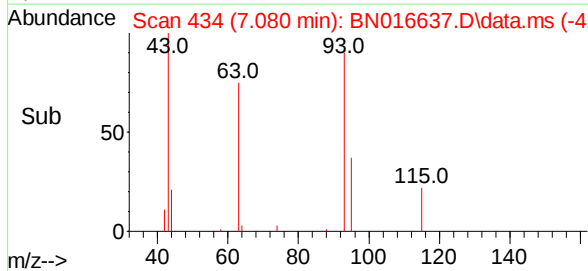
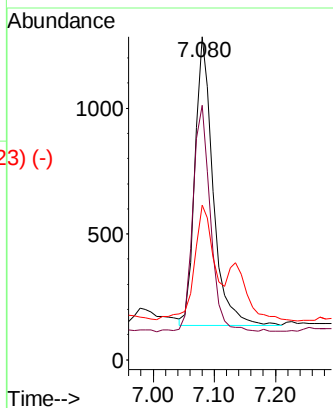
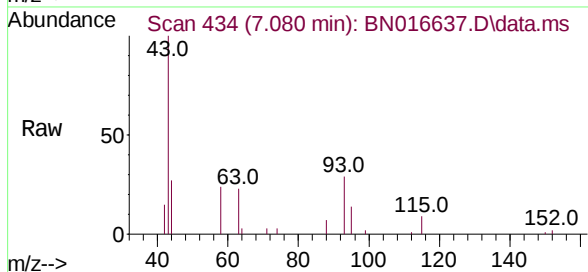




bis(2-Chloroethyl)ether
 Concen: 0.030 ng
 RT: 7.080 min Scan# 434
 Delta R.T. -0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

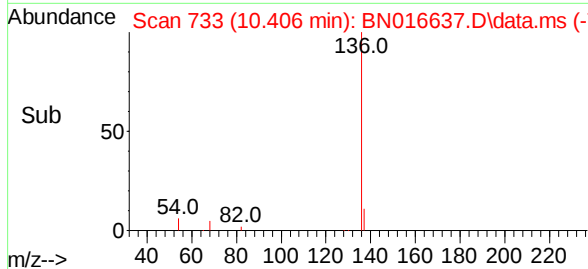
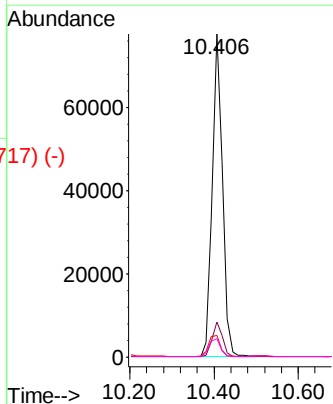
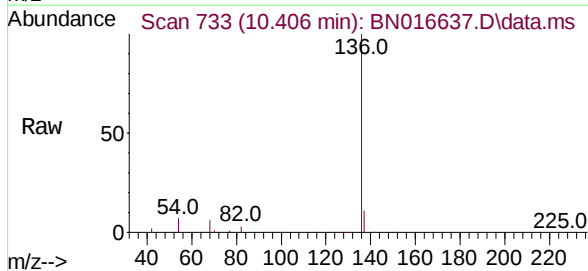
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

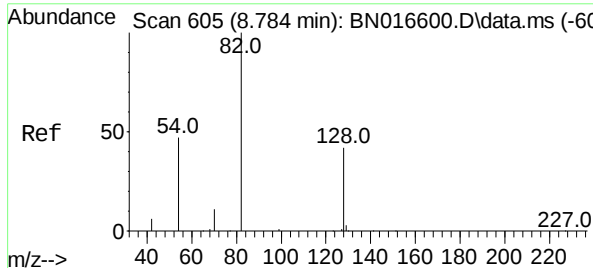
Tgt Ion:	93	Resp:	2371
Ion	Ratio	Lower	Upper
93	100		
63	76.4	59.1	88.7
95	44.2	26.2	39.4#



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.406 min Scan# 733
 Delta R.T. -0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

Tgt Ion:	136	Resp:	131567
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.9	8.9
68	5.7	5.0	7.6

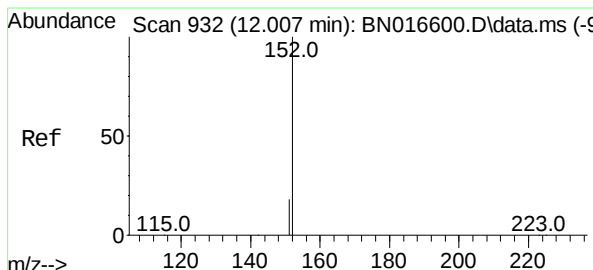
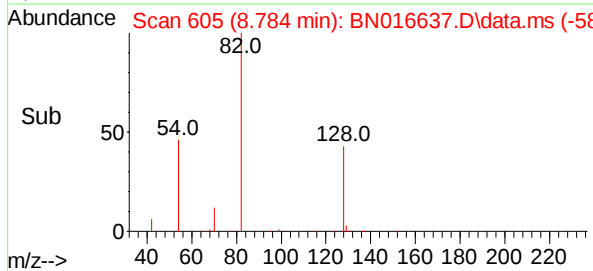
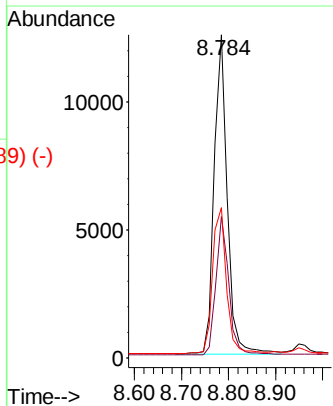
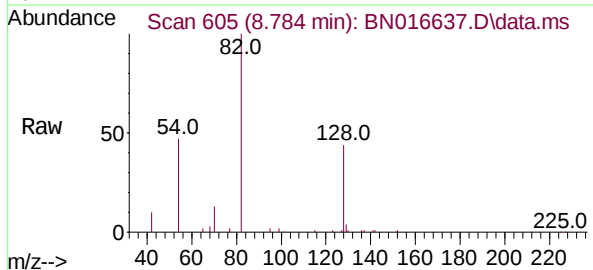




Nitrobenzene-d5
 Concen: 0.279 ng
 RT: 8.784 min Scan# 605
 Delta R.T. -0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

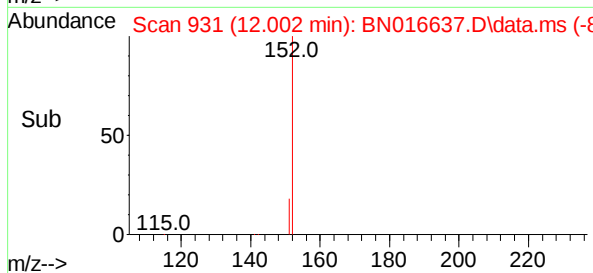
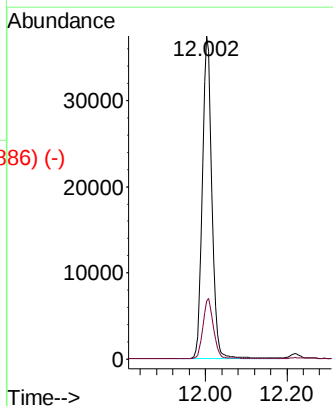
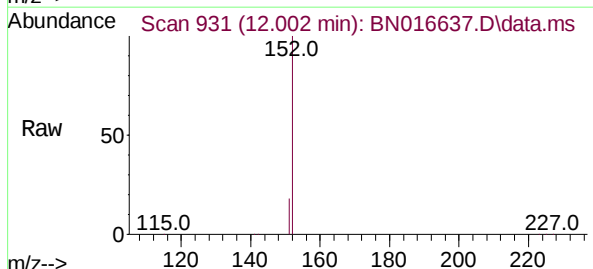
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Tgt Ion:	82	Resp:	23901
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.6	50.4
54	46.5	37.6	56.4



2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.002 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

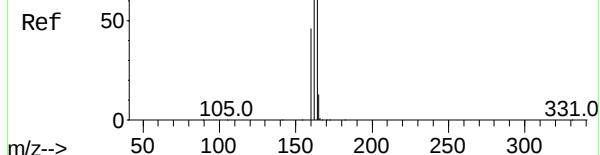
Tgt Ion:	152	Resp:	60373
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4



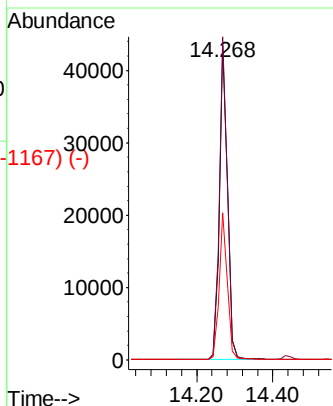
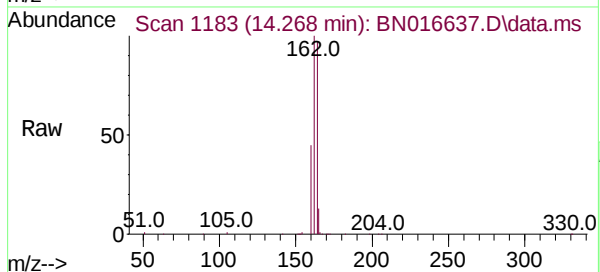
Abundance Scan 1183 (14.268 min): BN016600.D\data.ms (-1113) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

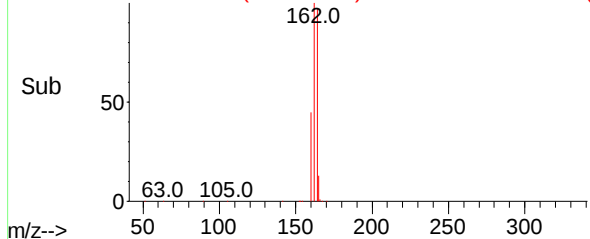
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920



Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.2
160	46.8	37.7	56.5



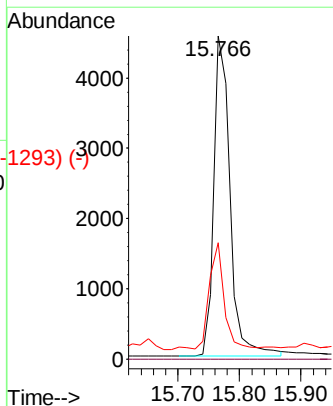
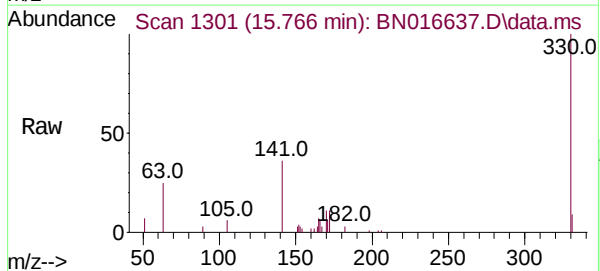
Abundance Scan 1183 (14.268 min): BN016637.D\data.ms (-1167) (-)



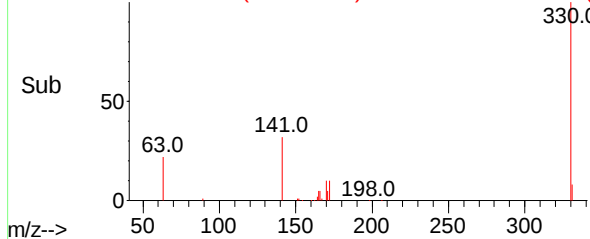
Abundance Scan 1301 (15.766 min): BN016600.D\data.ms (-1293) (-)

2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

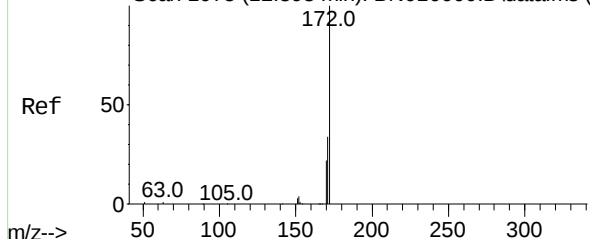
Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.3	25.2	37.8



Abundance Scan 1301 (15.766 min): BN016637.D\data.ms (-1293) (-)



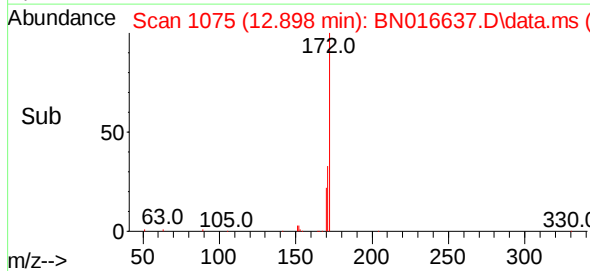
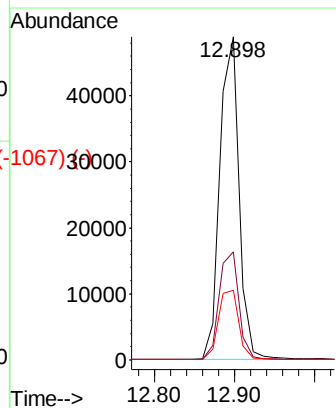
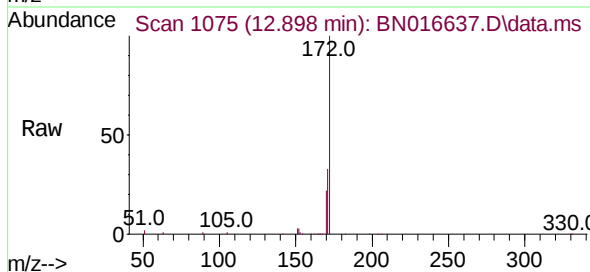
Abundance Scan 1075 (12.898 min): BN016600.D\data.ms (-1075) (-)



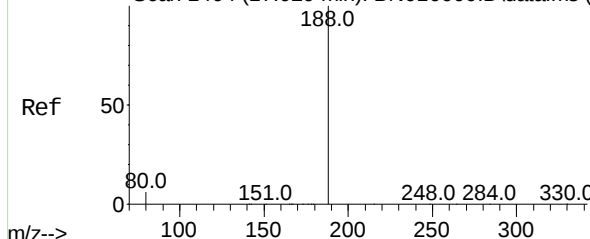
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

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ClientSampleId :
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Tgt Ion:	172	Resp:	82319
Ion Ratio	Lower	Upper	
172	100		
171	33.4	27.0	40.4
170	21.7	17.4	26.2

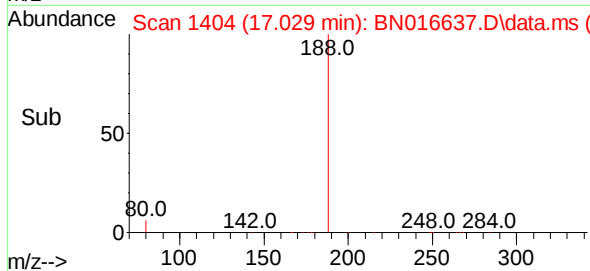
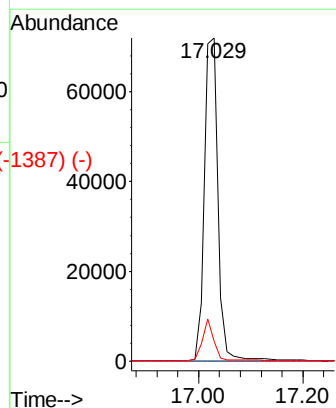
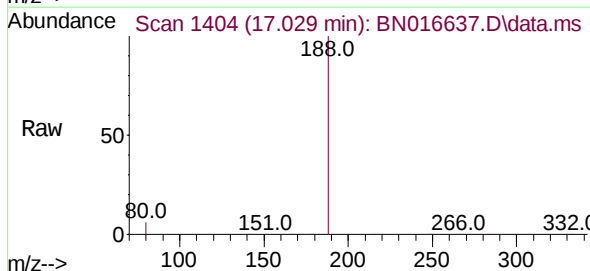


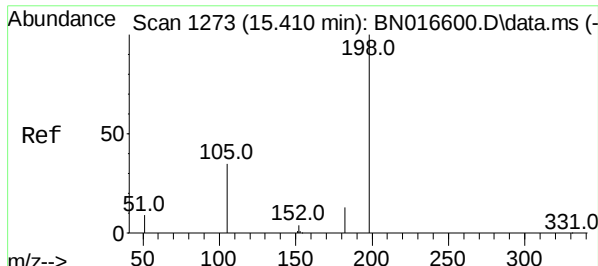
Abundance Scan 1404 (17.029 min): BN016600.D\data.ms (-1404) (-)



Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion:	188	Resp:	128953
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.1	5.0	7.6

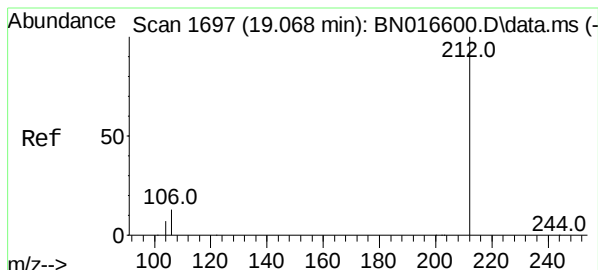
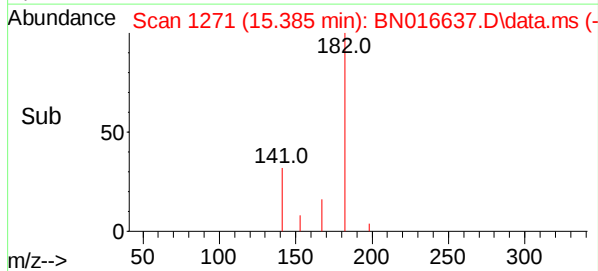
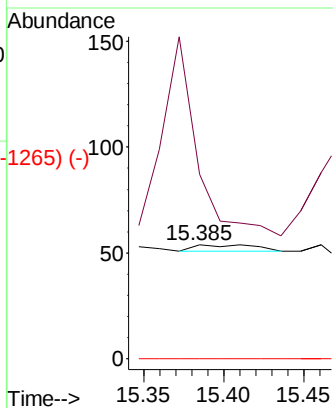
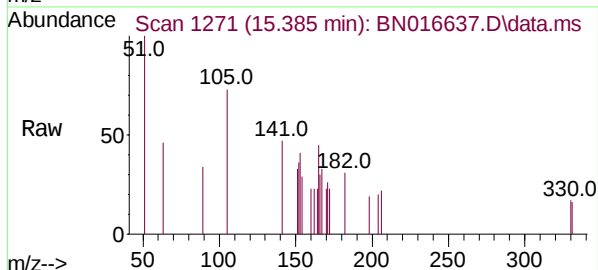




4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.026 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

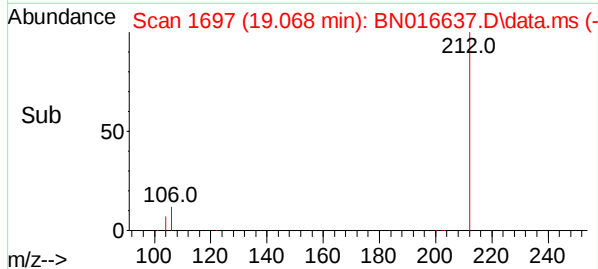
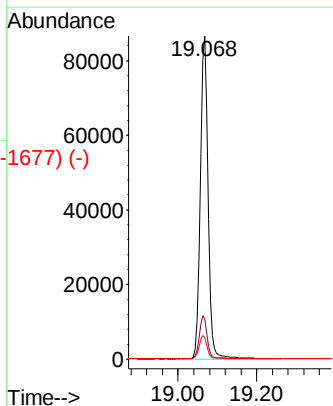
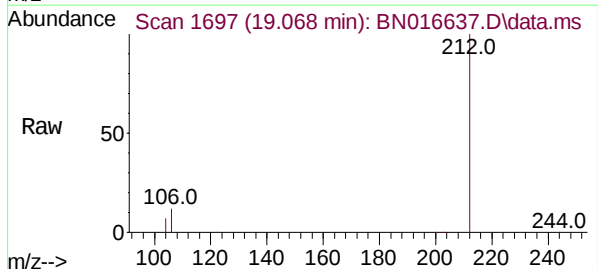
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

Tgt Ion:	198	Resp:	8
Ion	Ratio	Lower	Upper
198	100		
182	161.1	11.8	17.8#
77	0.0	0.0	0.0



Fluoranthene-d10
Concen: 0.350 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion:	212	Resp:	120101
Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.2	5.9	8.9



Abundance Scan 2002 (21.238 min): BN016600.D\data.ms (-1924) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.227 min Scan# 2001

Delta R.T. -0.011 min

Lab File: BN016637.D

Acq: 01 Oct 2021 15:55

Tgt Ion:240 Resp: 106783

Ion Ratio Lower Upper

240 100

120 14.0 5.0 7.4#

236 27.0 20.4 30.6

Instrument :

BNA_N

ClientSampleId :

RE122D2-20210920

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

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Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

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m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 2001 (21.227 min): BN016637.D\data.ms (-1983) (-)

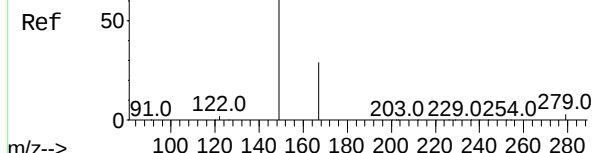
Ref 50

Raw 50

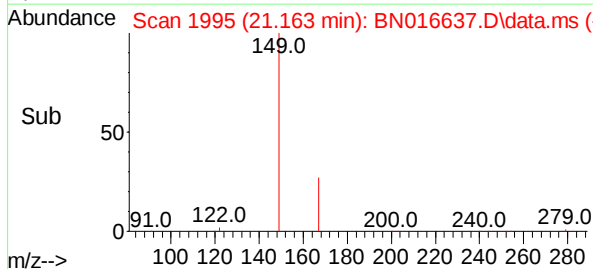
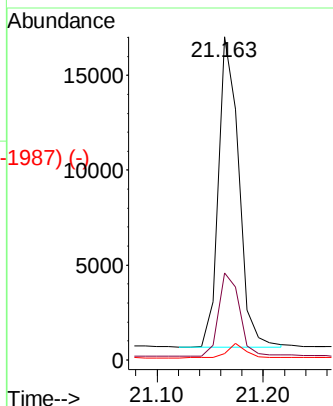
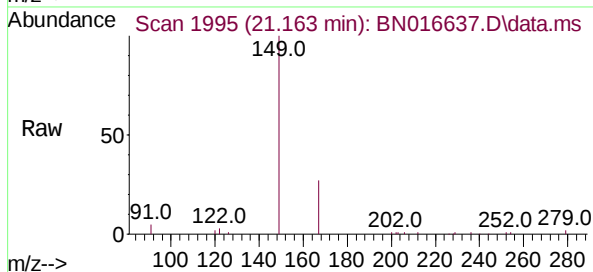
Abundance Scan 1996 (21.174 min): BN016600.D\data.ms (-1996) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

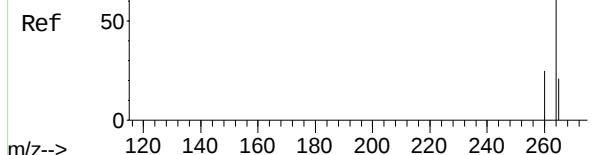


Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.2	3.2	4.8



Abundance Scan 2428 (23.488 min): BN016600.D\data.ms (-2428) (-)

Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55



Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.9	29.9
265	27.2	19.2	28.8

